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**COMMONWEALTH OF KENTUCKY
PULASKI CIRCUIT COURT
DIVISION II
CIVIL ACTION NO. 15-CI-00774**

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**CHEVANNA WALKER, Individually;
BRIAN STEPHENS, Individually; and
ANDREW WALKER, as Administrator of the Estate
of Aubrey Walker, a/k/a Aubrey Walker Stephens**

PLAINTIFFS

v.

**LAKE CUMBERLAND REGIONAL HOSPITAL'S
RULE 26 DISCLOSURE OF EXPERT WITNESSES**

**LAKE CUMBERLAND REGIONAL HOSPITAL, LLC,
d/b/a Lake Cumberland Regional Hospital;
Dale E. Rutledge, M.D.; and
LAKE CUMBERLAND WOMEN'S HEALTH SPECIALISTS, P.S.C.**

DEFENDANTS

*** **

Defendant Lake Cumberland Regional Hospital (Lake Cumberland), under Civil Rule 26.02(4) and in accord with the Court's Scheduling Order, discloses the following expert witnesses, who Lake Cumberland may call to testify at the trial of this action:

- Henry A. Dominicis, M.D.
5145 Bridlewood Lane
Long Grove, Illinois 60047**

Dr. Dominicis is a board-certified obstetrician and gynecologist, practicing in Cook County, Illinois. Dr. Dominicis received his medical degree from the University of Illinois in 1987. He completed his internship in obstetrics and gynecology in 1988 at Lutheran General Hospital, in Park Ridge, Illinois, followed by completion of his residency in 1991 at the same hospital. For 29 years, he held privileges to practice at Northwest Community Hospital in Arlington Heights, Illinois, a 489-bed acute care hospital which serves Chicago's northwest

Electronically Filed on September 19, 2019

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suburbs each year and houses a level III NICU. Dr. Dominicis is qualified to render opinions in the field of obstetrical nursing care, and his opinions pertain to the nursing care provided to Chevanna Walker and Aubrey Walker Stephens by Lake Cumberland’s nursing staff. A copy of his curriculum vitae is attached at Exhibit 1.

MEDIA5022

Dr. Dominicis’s opinions are based upon a review of the medical records, deposition testimony, and discovery produced in this case. Dr. Dominicis relies on his education, training, experience, and information from the records in this case in forming his opinions. He may also rely upon other materials, depending upon the matters presented as this case so develops. All of Dr. Dominicis’s opinions are stated within a reasonable degree of medical probability.

Dr. Dominicis is of the opinion that the nursing care rendered to Chevanna Walker and Aubrey Walker Stephens on August 6, 2014, at Lake Cumberland was appropriate and complied with the standard of care. Throughout Chevanna Walker’s labor, the nursing staff acted appropriately, properly monitored Chevanna, and alerted Dr. Rutledge of any concerning developments at appropriate times. No breach of the standard of care occurred, and neither Lake Cumberland nor its nursing staff caused injury to Chevanna or to Aubrey.

Dr. Dominicis will testify that Lake Cumberland’s nursing staff—specifically, Mallory Burton, RN—properly assessed Chevanna Walker and her baby throughout the labor process on August 6, 2014. Moreover, the suggestion that nurse Burton or any other nurse was told by Chevanna that she was scheduled for a C-section is irrelevant and is contradicted by the medical records, as well as Dr. Rutledge’s and Chevanna’s family members’ testimony; in fact, it met the standard of care to schedule Chevanna for an induction based upon the ultrasound performed on July 31, 2014, at Dr. Rutledge’s office, which showed the position of the baby as vertex.

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DOCUMENT

Electronically Filed on September 19, 2019

12/17/2023 03:06:07

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Whether to schedule a patient for induction or C-section is a physician decision and not a nursing decision.

MEDIA5022

Dr. Dominicis will further testify that it is obvious that Chevanna Walker's prenatal history was reviewed by Lake Cumberland's nursing staff prior to induction. In addition, the prenatal records are contained within Chevanna's hospital records.

It was reasonable for nurse Burton to rely upon Dr. Rutledge's findings and interpretations of the three cervical examinations he performed on Chevanna on August 6. Burton did not need to perform additional cervical examinations after Dr. Rutledge had just done so or any time thereafter. In addition, the time of the examinations and the position of the baby were communicated by Dr. Rutledge to Burton because Burton charted same. Dr. Rutledge also charted this information in his delivery note. In addition, there was no deviation from the standard of care by nurse Burton in charting the position of the baby in the labor record.

Dr. Dominicis will testify that up until 1645, the fetal monitor strips were not concerning, with variable decelerations, which are normal at that stage of labor, and at that point, nurse Burton appropriately alerted Dr. Rutledge.

Dr. Dominicis is expected to also discuss vaginal breech delivery or breech delivery by C-section and the roles of nursing staff during breech deliveries and that the use of piper forceps for vaginal breech delivery was appropriate. The use of piper forceps during the delivery did not cause an injury to Aubrey. The hospital policy referenced by the Walkers' experts, "Management of the Second Stage of Labor Including Operative Vaginal Delivery," pertains to non-emergent situations—not the case here; moreover, it is a nursing guideline and is not a substitute for a physician's medical decision making in an emergent situation. Note also that the policy was later amended.

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Electronically Filed on September 19, 2019

12/17/2023 03:06:07

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Dr. Dominicis similarly disagrees that Lake Cumberland's nursing staff should have advocated and prevented Dr. Rutledge from performing a vaginal breech delivery, after the breech position was discovered at 1645. Whether to perform a C-section or a vaginal delivery in an emergent breech situation like this is a physician-controlled medical judgment. Nurses do not possess the education or training to make that decision. It was reasonable for the nursing staff to rely on Dr. Rutledge's decision to move forward with an emergent vaginal delivery. Moreover, emergent vaginal deliveries of breech babies frequently occur in hospitals, when necessary, and Dr. Rutledge had performed such deliveries in the past.

MEDIA5022

At no point did Lake Cumberland's nursing staff need to go up the chain of command over and above Dr. Rutledge's medical judgment and decision making on August 6, 2014.

Lake Cumberland did not need to have a written policy regarding emergent vaginal breech deliveries. A hospital is not required to have a policy on every facet of medical or nursing care or for every emergent situation. To the extent necessary to rebut any expert opinion to the contrary, Dr. Dominicis will discuss hospital policies, in general, and also the ones criticized by the Walkers' experts in this matter.

Dr. Dominicis will also discuss the administration of Pitocin by nurse Burton and the reasonableness of same.

Dr. Dominicis will testify that the informed consent obtained and documented in Chevanna's medical record met the standard of care required of a hospital and its nursing staff. An additional consent was not needed at 1645, nor did nursing staff owe a duty to stop Dr. Rutledge in the middle of his medical treatment of Chevanna in order to suggest that he needed to initiate an additional consent process just before Chevanna's delivery of Aubrey. In addition,

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Electronically Filed on September 19, 2019

NOT ORIGINAL

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Dr. Rutledge has testified that he explained his thought process to Chevanna as he made the decision to move forward with a vaginal delivery.

12/17/2023 03:06:07

MEDIA5022

Lake Cumberland met the standard of care by having the appropriate staff and equipment available at Aubrey's delivery. Lake Cumberland and its nursing staff did not cause injury to Chevanna or to Aubrey during Aubrey's delivery. Three NRP and ACLS nurses were in the delivery room—including a charge nurse—assisting as directed by Dr. Rutledge. It was reasonable for Lake Cumberland and its nursing staff to rely on Dr. Rutledge's decision making—and his decades of experience—regarding the personnel he deemed necessary to be present for delivery. Personnel present at a vaginal breech delivery differs based on the size and location of a hospital. Lake Cumberland is a level II NICU, where the requirement is that a pediatrician should be "continuously available," which means that the pediatrician can be available by phone. Here, that standard was met.

Once Aubrey was delivered, Lake Cumberland and its nursing staff met the standard of care by having the appropriate personnel and equipment present for Aubrey's resuscitation. Lake Cumberland and its nursing staff met the standard of care during the resuscitation of Aubrey. Lake Cumberland and its nursing staff did not cause injury to Aubrey during the resuscitation.

Dr. Dominicis will additionally testify that he found the outcome of Aubrey's delivery—with several broken long bones—very unexpected and to the possibility of an underlying congenital problem with Aubrey.

To the extent not made clear above, Dr. Dominicis is expected to address and rebut the criticisms contained in nurse Jayne Payne's, Dr. Mark Landon's, and Dr. Marcus Hermansen's expert disclosures. Dr. Dominicis reserves the right to supplement his opinions after a review of the depositions of the Walkers' experts. It is expected that after the final expert transcript(s) and

Electronically Filed on September 19, 2019

12/17/2023 03:06:07

exhibit(s) are made available and reviewed, Dr. Dominicis may have additional opinions. Dr.

Dominicis may express additional opinions and will render more detailed opinions at deposition

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and/or trial. Those opinions are expressly incorporated herein by reference.

**2. Susan B. Drummond, RN, MSN, C-EFM
1161 21st Avenue South
Nashville, Tennessee 37232-2519**

Drummond currently serves as the senior associate in obstetrics in the division of maternal-fetal medicine at Vanderbilt University Medical Center and as the perinatal regionalization program coordinator at the Vanderbilt University School of Medicine, in Nashville, Tennessee. She has served in those positions since November 2014. As the perinatal regionalization program coordinator, Drummond is in charge of overseeing education to outlying hospitals for the monitoring of high-risk deliveries. Drummond has practiced as a labor and delivery nurse for nearly 30 years and continues to work in the labor and delivery department, in addition to her aforementioned job responsibilities. She is also an adjunct faculty member at the Vanderbilt University School of Nursing. In 1988, Drummond received a BSN from Vanderbilt University, followed, in 1989, by an MSN degree from the same institution. Drummond is qualified to render opinions in the field of nursing. A copy of her curriculum vitae is attached at Exhibit 2.

Drummond's opinions are based upon a review of the medical records, deposition testimony, and discovery produced in this case. Drummond relies on her education, training, experience, and information from the records in this case in forming her opinions. She may also rely upon other materials, depending upon the matters presented as this case so develops. All of Drummond's opinions are stated within a reasonable degree of nursing probability.

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Electronically Filed on September 19, 2019

NOT ORIGINAL

12/17/2023 03:06:07

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Drummond is of the opinion that the nursing care rendered to Chevanna Walker and Aubrey Walker Stephens on August 6, 2014, at Lake Cumberland was appropriate and complied with the standard of care. Throughout Chevanna Walker's labor, the nursing staff acted appropriately, properly monitored Chevanna, and alerted Dr. Rutledge of any concerning developments at appropriate times. No breach of the standard of care occurred.

MEDIA5022

Drummond will testify that Lake Cumberland's nursing staff—specifically, Mallory Burton, RN—properly assessed Chevanna Walker and her baby throughout the labor process on August 6, 2014. Drummond disagrees that “LCRH staff ignored information from the patient, according to her testimony” The suggestion that nurse Burton or any other nurse was told by Chevanna that she was scheduled for a C-section is contradicted by the medical records, as well as Dr. Rutledge's and Chevanna's family members' testimony.

Drummond will also testify that Chevanna Walker's prenatal history was reviewed by Lake Cumberland's nursing staff prior to induction. In addition, the prenatal records are contained within Chevanna's hospital records.

Drummond will testify that it was reasonable for nurse Burton to rely upon Dr. Rutledge's findings and interpretations of the three cervical examinations he performed on Chevanna on August 6. Burton did not need to perform additional cervical examinations after Dr. Rutledge had just done so or any time thereafter. In addition, the time of the examinations and the position of the baby were communicated by Dr. Rutledge to Burton, and she charted the information in the labor record. Dr. Rutledge also charted this information in his delivery note. In addition, Burton's charting of the position of the baby was by exception, which is reasonable. There was no reason for Burton to chart “VTX” in the labor record at 1330-40.

Electronically Filed on September 19, 2019

12/17/2023 03:06:07

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Drummond will also generally explain fetal heart monitoring and findings nurses observe and analyze when a patient is being monitored during labor. Drummond disagrees that “significant” decelerations occurred at 1634; the decelerations at that time were not concerning and resolved quickly. Nurse Burton did not owe a duty to perform a vaginal examination at 1634. Up until 1645, the fetal monitor strips were not concerning. At 1645, nurse Burton appropriately alerted Dr. Rutledge based on the findings of the fetal monitoring.

MEDIA5022

Drummond is expected to also discuss the roles of nursing staff during breech deliveries. She will additionally explain that piper forceps are specifically designed for vaginal breech deliveries and that nurses are trained to be aware of this fact. Drummond does not believe that Lake Cumberland’s nursing staff should have advocated and prevented Dr. Rutledge from performing a vaginal breech delivery, after the breech position was discovered at 1645. Whether to perform a C-section or a vaginal delivery in a situation like this is a physician-controlled medical judgment. Moreover, vaginal deliveries of breech babies often occur in hospitals, when necessary, and Dr. Rutledge had performed such deliveries in the past without incident.

At no point did Lake Cumberland’s nursing staff need to go up the chain of command over and above Dr. Rutledge’s medical judgment and decision making on August 6, 2014.

Lake Cumberland did not need to have a written policy regarding emergent vaginal breech deliveries. The nursing staff acted appropriately during the delivery. To the extent necessary to rebut any expert opinion to the contrary, Drummond will discuss hospital policies, in general, and also the ones criticized by the Walkers’ experts in this matter.

Drummond will testify that the informed consent obtained and documented in Chevanna’s medical record met the standard of care required of a hospital and its nursing staff. An additional consent was not needed at 1645, nor did nursing staff owe a duty to stop Dr.

Electronically Filed on September 19, 2019

NOT ORIGINAL

12/17/2023 03:06:07

MEDIA5022

Rutledge in the middle of his medical treatment of Chevanna in order to suggest that he needed to initiate an additional consent process just before Chevanna's delivery of Aubrey. In addition, Dr. Rutledge has testified that he explained his thought process to Chevanna as he made the decision to move forward with a vaginal delivery.

Lake Cumberland met the standard of care by having the appropriate staff and equipment available at Aubrey's delivery. Three NRP and ACLS nurses were in the delivery room—including a charge nurse—assisting as directed by Dr. Rutledge. It was reasonable for Lake Cumberland and its nursing staff to rely on Dr. Rutledge's decision making regarding the personnel he deemed necessary to be present for delivery. Personnel present at a vaginal breech delivery differs based on the size and location of a hospital. Lake Cumberland is a level II NICU, where the requirement is that a pediatrician should be "continuously available," which means that the pediatrician can be available by phone. Here, that standard was met.

Once Aubrey was delivered, Lake Cumberland and its nursing staff met the standard of care by having the appropriate personnel and equipment present for Aubrey's resuscitation. Lake Cumberland and its nursing staff met the standard of care during the resuscitation of Aubrey.

To the extent not made clear above, Drummond is expected to address and rebut the standard-of-care criticisms contained in nurse Jayne Payne's, Dr. Mark Landon's, and Dr. Marcus Hermansen's expert disclosures. Drummond reserves the right to supplement her opinions after a review of the depositions of the Walkers' experts. It is expected that after the final expert transcript(s) and exhibit(s) are made available and reviewed, Drummond may have additional opinions. Drummond may express additional opinions and will render more detailed opinions at deposition and/or trial. Those opinions are expressly incorporated herein by reference.

Electronically Filed on September 19, 2019

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12/17/2023 03:06:07

MEDIA5022

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3. **Arthur Boerner, M.D.**
1407 Spring Street 47130
Jeffersonville, Indiana

Dr. Boerner is a board-certified obstetrician and gynecologist, practicing in Jeffersonville, Indiana, a non-urban area in southern Indiana, at his private practice office. He holds staff privileges at Clark Memorial Hospital, which has a Level II NICU, like Lake Cumberland. Dr. Boerner received his medical degree from the University of Louisville in 1975. He completed his residency at the University of Louisville Hospital in 1979. Dr. Boerner is qualified to render opinions in the field of obstetrical nursing care, and his opinions pertain to the nursing care provided to Chevanna Walker and Aubrey Walker Stephens by Lake Cumberland's nursing staff. A copy of his curriculum vitae is attached at Exhibit 3.

Dr. Boerner's opinions are based upon a review of the medical records, deposition testimony, and discovery produced in this case. Dr. Boerner relies on his education, training, experience, and information from the records in this case in forming his opinions. He may also rely upon other materials, depending upon the matters presented as this case so develops. All of Dr. Boerner's opinions are stated within a reasonable degree of medical probability.

Dr. Boerner is of the opinion that the nursing care rendered to Chevanna Walker and Aubrey Walker Stephens on August 6, 2014, at Lake Cumberland was appropriate and complied with the standard of care. Throughout Chevanna Walker's labor, the nursing staff acted appropriately, properly monitored Chevanna, and alerted Dr. Rutledge of any concerning developments at appropriate times. No breach of the standard of care occurred, and neither Lake Cumberland nor its nursing staff caused injury to Chevanna or to Aubrey.

Dr. Boerner will testify that Lake Cumberland's nursing staff—specifically, Mallory Burton, RN—properly assessed Chevanna Walker and her baby throughout the labor process on

Electronically Filed on September 19, 2019

NOT ORIGINAL

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12/17/2023 03:06:07

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August 6, 2014. Moreover, regardless of whether Chevanna Walker claims she informed nursing staff that she was scheduled for a C-section, the medical records contradict her, and so does the testimony of her own family. From a nursing perspective, it is irrelevant because whether to schedule a patient for induction or C-section is a physician decision.

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As a patient progresses through labor, the position of the baby becomes a diagnosis that is best left to the physician to determine, due to his or her education, training, and experience. It was reasonable for nurse Burton to rely upon Dr. Rutledge's findings and interpretations of the three cervical examinations he performed on Chevanna on August 6. Burton did not need to perform additional cervical examinations after Dr. Rutledge had just done so or any time thereafter.

Dr. Boerner will testify that up until 1645, the fetal monitor strips were not concerning, with variable decelerations, which are normal at that stage of labor, and at that point, nurse Burton appropriately alerted Dr. Rutledge. At 1645, it then becomes a physician decision as to the next step—emergency C-section or vaginal breech delivery—and the nurses were well within the standard of care to rely on Dr. Rutledge's decision to move forward with a vaginal delivery.

At no point did Lake Cumberland's nursing staff need to go up the chain of command over and above Dr. Rutledge's medical judgment and decision making on August 6, 2014. Chain of command is an extremely rare situation only used for the most rare and egregious of scenarios—not the case here. In addition, at 1645, the nurses would not have had time to invoke the chain of command prior to imminent delivery. Dr. Boerner will discuss hindsight bias and the need to really be there in that moment to truly appreciate the decision-making processes of the nursing staff.

Electronically Filed on September 19, 2019

NOT ORIGINAL

12/17/2023 03:06:07

MEDIA5022

Dr. Boerner may discuss vaginal breech delivery or breech delivery by C-section and the roles of nursing staff during breech deliveries. Dr. Boerner will testify that the use of piper forceps for vaginal breech delivery was appropriate. The use of piper forceps during the delivery did not cause an injury to Aubrey. The hospital policy referenced by the Walkers' experts, "Management of the Second Stage of Labor Including Operative Vaginal Delivery," pertains to non-emergent situations, which was not the case here; moreover, it is a nursing guideline and is not a substitute for a physician's medical decision making in an emergent situation. Note also that the policy was later amended.

Lake Cumberland did not need to have a written policy regarding emergent vaginal breech deliveries. A hospital is not required to have a policy on every facet of medical or nursing care or for every emergent situation. To the extent necessary to rebut any expert opinion to the contrary, Dr. Boerner will discuss hospital policies, in general, and also the ones criticized by the Walkers' experts in this matter.

Dr. Boerner will also discuss the administration of Pitocin by nurse Burton and the reasonableness of same. At 1645, delivery was imminent and the administration of Pitocin at that time was irrelevant.

Dr. Boerner will testify that the informed consent obtained and documented in Chevanna's medical record met the standard of care required of a hospital and its nursing staff. An additional consent was not needed at 1645, nor did nursing staff owe a duty to stop Dr. Rutledge in the middle of his medical treatment of Chevanna in order to suggest that he needed to initiate an additional consent process just before Chevanna's delivery of Aubrey. In addition, Dr. Rutledge has testified that he explained his thought process to Chevanna as he made the decision to move forward with a vaginal delivery.

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Electronically Filed on September 19, 2019

NOT ORIGINAL

12/17/2023 03:06:07

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Lake Cumberland met the standard of care by having the appropriate staff and equipment available at Aubrey's delivery. Lake Cumberland and its nursing staff did not cause injury to Chevanna or to Aubrey during Aubrey's delivery. Three NRP and ACLS nurses were in the delivery room—including a charge nurse—assisting as directed by Dr. Rutledge. It was reasonable for Lake Cumberland and its nursing staff to rely on Dr. Rutledge's decision making—and his decades of experience—regarding the personnel he deemed necessary to be present for delivery. Personnel present at a vaginal breech delivery differs based on the size and location of a hospital. LCRH is a level II NICU, where the requirement is that a pediatrician should be "continuously available," which means that the pediatrician can be available by phone. Here, that standard was met.

MEDIA5022

Once Aubrey was delivered, Lake Cumberland and its nursing staff met the standard of care by having the appropriate personnel and equipment present for Aubrey's resuscitation. Lake Cumberland and its nursing staff met the standard of care during the resuscitation of Aubrey. Lake Cumberland and its nursing staff did not cause injury to Aubrey during the resuscitation.

Dr. Boerner will additionally testify that he found the outcome of Aubrey's delivery—with several broken long bones—very unexpected and to the possibility of an underlying congenital problem with Aubrey.

To the extent not made clear above, Dr. Boerner is expected to address and rebut the criticisms contained in nurse Jayne Payne's, Dr. Mark Landon's, and Dr. Marcus Hermansen's expert disclosures. Dr. Boerner reserves the right to supplement his opinions after a review of the depositions of the Walkers' experts. It is expected that after the final expert transcript(s) and exhibit(s) are made available and reviewed, Dr. Boerner may have additional opinions. Dr.

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Electronically Filed on September 19, 2019

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Boerner may express additional opinions and will render more detailed opinions at deposition and/or trial. Those opinions are expressly incorporated herein by reference.

12/17/2023 03:06:07

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4. **Carol Benson, M.D.**
75 Francis Street
Boston, Massachusetts 02115

Dr. Benson is a board-certified radiologist practicing at Brigham and Women's Hospital, in Boston, Massachusetts. Her CV is attached at Exhibit 4. Lake Cumberland expressly incorporates by reference, as if fully set forth herein, the disclosure of Dr. Benson contained in Dr. Rutledge's and Lake Cumberland Women's Health Specialists' CR 26 Disclosure of Experts, filed with the Court on September 19, 2019.

5. **Charles Maxfield, M.D.**
Duke University Medical Center
Durham, North Carolina 27710

Dr. Maxfield is a board-certified radiologist practicing at Duke University Medical Center, in Durham, North Carolina. His CV is attached at Exhibit 5,. Lake Cumberland expressly incorporates by reference, as if fully set forth herein, the disclosure of Dr. Maxfield contained in Dr. Rutledge's and Lake Cumberland Women's Health Specialists' CR 26 Disclosure of Experts, filed with the Court on September 19, 2019.

6. **Janna H. Neltner, M.D.**
Chandler Medical Center
Lexington, Kentucky 40536

Dr. Neltner is a board-certified pathologist, practicing at the University of Kentucky Medical Center. She received her medical degree at the University of Kentucky, followed by a residency and fellowship at the University of Kentucky. Dr. Neltner additionally serves as associate professor of pathology and laboratory medicine at the University of Kentucky. Dr.

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12/17/2023 03:06:07

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Neltner will testify regarding the August 8, 2014, autopsy performed at the University of Kentucky Medical Center, the conclusions she derived from that autopsy, and her opinion concerning any suggested differences between the August 8, 2014, autopsy and any subsequent autopsy.

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7. Any and all physicians, nurses, or healthcare providers that examined or provided treatment to Chevanna Walker and/or Aubrey Walker Stephens, and Lake Cumberland believes that such physicians or health care providers will testify in accordance with their medical records and/or deposition testimony. Lake Cumberland reserves the right to elicit expert opinions from these physicians or healthcare professionals.

8. Lake Cumberland reserves the right to call as an expert witness any expert identified by any other party to this action.

9. Lake Cumberland reserves the right to disclose and/or call at trial additional experts or elicit additional expert opinions for purposes of rebuttal or for good cause shown.

10. Lake Cumberland reserves the right to amend or supplement the opinions disclosed above after fact discovery closes, upon the discovery of any material new evidence, or upon the disclosure of new or substantially modified opinions by another party's expert witness, or for good cause shown.

11. Lake Cumberland reserves the right to amend these expert disclosures contingent upon further discovery up to and including the day of trial to address any issues related to the Defendants or this litigation that are raised subsequent to the filing of this disclosure.

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Electronically Filed on September 19, 2019

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Respectfully submitted,

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THOMPSON MILLER & SIMPSON PLC



B. TODD THOMPSON

CHAD O. PROPST

734 West Main Street, Suite 400

Louisville, Kentucky 40202

tthompson@tmslawplc.comcpropst@tmslawplc.comagilmet@tmslawplc.comcclark@tmslawplc.com*Counsel for Defendant**Lake Cumberland Regional Hospital,**d/b/a Lake Cumberland Regional Hospital***CERTIFICATE OF SERVICE**

The above signature certifies that on September 19, 2019, the foregoing was electronically filed with the Clerk of Court and served via email to the following:

Ann B. Oldfather
 Michael R. Hasken
 Nicole A. Bush
 Oldfather Law Firm
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 Louisville, Kentucky 40208
 502-637-7200
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Counsel for Plaintiffs
 Clayton L. Robinson

Adam W. Havens
 ROBINSON & HAVENS, PSC
 101 Prosperous Place, Suite 100
 Lexington, KY 40509
crobinson@robinsonhavens.com
ahavens@robinsonhavens.com
*Counsel for Defendants, Dale Rutledge,
 M.D., and Lake Cumberland Women's
 Health Specialists*


*Counsel for Defendant**Lake Cumberland Regional Hospital*

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CURRICULUM VITAE

Name: Henry A. Dominicis, M.D.

Primary Office: 5145 Bridlewood In
Long Grove, Ill 60047

Work History: 1991 to Present

Educational Background:	(College)	St. John's University Collegeville, MN	1979-1983
	(Medical School)	University of Illinois Chicago, IL	1983-1987
	(Intern)	Lutheran General Hospital	1987-1988
	(Residency)	Lutheran General Hospital Park Ridge, IL	1988-1991

Hospital Appointments:

Lutheran General Hospital – Park Ridge, IL – Attending Physician	1991-2006
Northwest Community Hospital – Arlington Heights, IL	1991 to Present
Northwest Community Hospital – Arlington Heights, IL Chairman – Department of Obstetrics and Gynecology	2006 to 2010
Womancare PC OB/GYN Partner	1991-2019
Northwest Community Hospital Physician Director Ambulatory Services Women's and Children's services Quality Assurance	2019 to present

Work Background: High Risk Pregnancy, Laparoscopic Surgery, including
Advanced Gyne Surgery, Laser Surgery, Gynecology and



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12/17/2023 03:06:07

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Obstetrics and Ultrasound and Genetic Amniocentesis

Board Status:

Board Certified – November of 1995 to Present **MEDIA5022**
American Board of Obstetricians and Gynecologists
Recertified 2013

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Henry A. Dominicis, M.D.

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12/17/2023 03:06:07

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CURRICULUM VITÆ

Susan B. Drummond

OFFICE ADDRESS:

Vanderbilt University Medical Center
Department of Obstetrics & Gynecology
B-1100 Medical Center North
1161 21st Avenue South
Nashville, Tennessee 37232-2519
(615) 343-9930
e-mail: susan.drummond@vanderbilt.edu

PERSONAL DATA:

Home Address:

63 Duxbury Court
Nashville, TN 37215

Marital Status:

Married- David L. Drummond

Children:

Will (1991), Kathleen (1993), Elizabeth (1997)

EDUCATION:

1989

M.S.N.
Perinatal Nursing
Vanderbilt University
Nashville, Tennessee

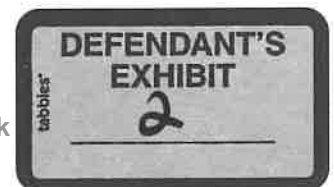
1988

B.S.N.
Vanderbilt University
Nashville, Tennessee

LICENSURE:

1988 - Present
1988 - 1990

Tennessee Board of Nursing
Georgia Board of Nursing



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12/17/2023 03:06:07

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Nov. 2014- present	Senior Associate in Obstetrics Perinatal Regionalization Program Coordinator Vanderbilt University School of Medicine
Feb. 2012-Nov. 2014	Associate in Obstetrics Perinatal Regionalization Program Coordinator Vanderbilt University School of Medicine
Feb. 2005- Feb. 2012	Assistant in Obstetrics Perinatal Regionalization Program Coordinator Vanderbilt University School of Medicine
Jan. 1992 – Feb. 2005	Clinical Nurse Specialist Obstetric Outreach Education Coordinator Department of Obstetrics & Gynecology Division of Maternal-Fetal Medicine Vanderbilt University Nashville, Tennessee
Jan. 1995 - present	Adjunct Faculty Vanderbilt University School of Nursing Nashville, Tennessee
October 2010-September 2011	Maternal Initiative Project Manager Tennessee Initiative for Perinatal Quality Care
Jan. 1992 - June, 1999	Consultant Harvey, Troiano, and Associates Houston, TX
Sept. 1999-2005	Consultant Consult-ED Associates, Inc. Wilmington, NC
Nov. 1995-present	PRN staff Labor and Delivery Vanderbilt University Medical Center Nashville, TN
Oct. 1990 - May 1995	OB critical care team Vanderbilt University Medical Center Nashville, Tennessee
March 1989 - October 1992	Staff/Charge Nurse Labor and Delivery

NOT ORIGINAL

DOCUMENT

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12/17/2023 03:06:07
Drummond - 3
MEDIA5022

Vanderbilt University Medical Center
Nashville, Tennessee

May 1988 - Aug. 1988

Staff Nurse
Urgent Care Center
Coliseum Park Hospital
Macon, Georgia

PROFESSIONAL AWARDS:

December 1995

Clayton-Zelenik Memorial Award
Outstanding Contribution to the Division of Maternal-Fetal Medicine
Vanderbilt University Medical Center

PROFESSIONAL ADVANCEMENT:

2017

AWHONN EFM Instructor Trainer

2014

EFM Credentialing
Perinatal Quality Foundation (recertified: 2017)

2010

Certified AWHONN Int. and Adv. EFM Instructor

2005

NCC Certificate of Added Qualification in Electronic Fetal Monitoring (recertified: 2008, 2011, 2014, 2017)

1990

Staff Nurse II
Advancement in Nursing Clinical Ladder
Labor and Delivery
Vanderbilt University Medical Center
Nashville, Tennessee

PROFESSIONAL COMMITTEES:

1990 - 1991

Unit Board Co-Chair/Labor and Delivery
Vanderbilt University Medical Center
Nashville, Tennessee

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Drummond - 4

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1990 - 1993	Policy Review Committees Vanderbilt University Medical Center Nashville, Tennessee
2012- present	Perinatal Quality Improvement Committee

PROFESSIONAL ACTIVITIES:

2005-2014	Editorial Board, <u>Journal of Perinatal & Neonatal Nursing</u>
1996 - 1999	Panel of reviewers, <u>Journal of Obstetric, Gynecologic and Neonatal Nursing</u>
1987 - present	Sigma Theta Tau (Iota chapter) International Honor Society for Nursing
1998 - present	AWHONN member

PROFESSIONAL PRESENTATIONS:

(listed from 2000- present)

"Concepts in Electronic Fetal Monitoring" Jackson Purchase Medical Center, Mayfield, Ky, April, 2000.

"Intrauterine Resuscitation" and "Documentation" and "Fetal Pulse Oximetry" at "Perinatal Health in 2000", Roanoke, VA, May, 2000.

"Advanced Fetal Monitoring" Blue Ridge Perinatal Council, Roanoke, VA, September, 2000.

"Concepts in Electronic Fetal Monitoring" Sierra Vista Regional Health Center, Sierra Vista, AZ, October, 2000.

"Common Obstetrical Emergencies" 26th Annual High-Risk Obstetric Conference, Vanderbilt University Medical Center, Nashville, TN December, 2000.

"Advanced Fetal Monitoring" Virginia Baptist Hospital, Lynchburg, VA, May, 2001.

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Drummond - 5

"Issues related to Litigation and Malpractice" 27th Annual High-Risk Obstetric Conference, Vanderbilt University Medical Center, Nashville, TN, December, 2001. MEDIA 5022

"Fetal Monitoring" Eastern AHEC Conference, Greenville, NC, March, 2002.

"High Risk Perinatal Nursing" Virginia Baptist Hospital, Lynchburg, VA, October, 2002.

"EFM Update" AWHONN's Tennessee section annual fall conference, Nashville, TN, September, 2003.

"Case Studies in EFM" 29th Annual High-risk Obstetric Conference, Nashville, TN, December 2003.

"Advanced Electronic Fetal Monitoring" EAHEC, Greenville, NC, May, 2004.

"Issues related to Litigation and Malpractice. "30th Annual High-risk Obstetrics Conference, Nashville, TN, December, 2005.

"Physiologic Control of the Fetal Heart Rate" Aultman Perinatal Conference, Canton, OH, October, 2006.

"Case Studies in EFM: Developing Critical Thinking Skills" 33rd Annual High Risk Obstetrics Seminar, Nashville, TN, December, 2007.

"Perinatal Safety", AWHONN Regional Conference, Chattanooga, TN, April, 2008.

"Maternal Complications and Neonatal Outcomes" National Association of Neonatal Nurses Annual Conference. Nashville, TN, May, 2009.

"EFM: Update and Case Studies" 36th Annual High-Risk Obstetrics Seminar, Nashville, TN, December 2010.

"Update on Intrapartum Management of EFM Tracings: A Case Study Approach" 37th Annual High Risk Obstetrics Seminar, Nashville, TN, December, 2011.

"Fetal Heart Rate Monitoring: Case Review and Documentation" AWHONN Tennessee Section Conference, Nashville, TN, June, 2012.

"EFM Workshop" ACNM 58th Annual Conference, Nashville, TN, May, 2013.

"EFM Case Studies" AWHONN National Convention, Nashville, TN, June, 2013.

"Advanced Fetal and Uterine Monitoring" Contemporary Forums Obstetric Nursing Conference, San Francisco, CA. April, 2014.

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Drummond - 6

"Management of Category II EFM Tracings" AWHONN National Convention, Orlando, FL, June, 2014.

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"Uterine Tachysystole and its effect on EFM" 40th Annual High Risk Obstetrics Seminar, Nashville, TN, December 2014.

"Management of Category II EFM Tracings" and "Intrauterine Resuscitation" Minnesota State AWHONN Conference, Minneapolis MN, February, 2015.

"Management of Category II EFM Tracings" and "Management of Second Stage labor: Promoting Safety of the Mother and fetus" GA State AWHONN Conference, St. Simons Island, GA, August, 2015.

"Case studies in EFM" and "Management of Category II EFM Tracings" Birth Injury and the Law Conference, Las Vegas, NV, October, 2015.

"Oxygen Transport," "Case Studies in High Risk Obstetrics," "Promoting Safe Maternal Transport," and "Substance Use in Pregnancy." High Risk Obstetric Nursing Conference, Las Vegas, NV, November, 2015.

"Nursing Care of the Preterm Labor Patient" 3rd Annual OB Conference, Chattanooga, TN, Feb. 2016

"Management of Second Stage Labor: Promoting Safety of the Mother and Fetus." AWHONN National Convention, Grapevine, TX, June, 2016.

"Diabetes in Pregnancy" and "Management of Second Stage Labor: Promoting Safety of the Mother and Fetus." Academy of Neonatal Nursing Conference, Nashville, TN, Sept. 2016.

"Advanced EFM" High Risk Obstetric Nursing Conference, New Orleans, LA October 2016.

"Management of Second Stage Labor: Promoting Safety of the Mother and Fetus." 42nd Annual High Risk Obstetrics Seminar, Nashville, TN October 2016.

"Understanding Maternal and Fetal Oxygen Transport" AWHONN National Convention, New Orleans, LA, June 2017.

"Diabetes in Pregnancy." Learning for Babies Conference, Nashville, TN, November, 2017.

"Understanding Maternal and Fetal Oxygen Transport" Annual Perinatal Conference, New York, May 2018.

"Intrapartum Fetal Monitoring: A Case Study Approach" AWHONN National Convention, Tampa, FL, June 2018.

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Drummond - 7

"Intrapartum Care: What are the hot topics?" AWHONN National Convention, Atlanta, GA, June 2019. MEDIA5022

PROFESSIONAL PUBLICATIONS:

1. "DIC: Physiologic Principles and Clinical Issues of Nursing Care," in NAACOG's Clinical Issues in Perinatal and Women's Health Nursing. Volume 3, Number 3. Lippincott Co., 1992.
2. "Cardiac Disease in Pregnancy," in Critical Care Nursing Clinics of North America. Volume 4, Number 4, W.B. Saunders Co., 1992.
3. Bruner, JP, Drummond, SB, Meenan, AL and Gaskin IM "All-Fours Maneuver for Reducing Shoulder Dystocia During Labor" Journal of Reproductive Medicine 43 (5), May, 1998, p. 439-443.
4. "Assessment of the Patient in Labor," in Donna Miller-Rostant and Rebecca Cady, (eds), *Liability Issues in Perinatal Nursing*. Lippincott Co., Philadelphia, 1999.
5. "Cardiac Disease in Pregnancy," in Troiano N and Mandeville L (eds) *High-Risk and Critical Care Intrapartum Nursing*. 2nd ed. Lippincott Co., Philadelphia, 1999.
6. "Care of the Postpartum Patient," in Cash, J and Glass, C (eds) *Family Care Guidelines*. Lippincott-Raven, Philadelphia, 2000
7. Drummond, SB and Bruner, JP, Reed GW "Management of Shoulder Dystocia" *Tennessee Medicine*, 93(9): 331-3, 2000, Sept.
8. "Maternal Transport" in Kennedy, ME, Ruth, DJ & Martin, EJ. (eds) *Intrapartum Management Modules: A Perinatal Education Program*, 4th ed., Lippincott Williams & Wilkins, Philadelphia, 2008.
9. Drummond S and Fritz E. "Management of a Partial Molar Pregnancy" *J Perinat Neonat Nurs*. 23(2), 115-123. April/June, 2009.
10. Townsend N and Drummond S. "Preeclampsia: Pathophysiology and Implications for Care" *J. Perinat Neonat Nurs*. 25(3), 245-252. July/Sept. 2011.
11. "Obstetric Guidelines" in Cash JC and Glass, CA (eds) *Adult-Gerontology Practice Guidelines*. Springer Publishing Company, LLC, New York, 2015.
12. "Maternal Transport" in Kennedy, ME and Baird SM. (eds) *Intrapartum Management Modules: A Perinatal Education Program*, 5th ed., Lippincott Williams & Wilkins, Philadelphia, 2016.

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Drummond - 8

13. "Obstetric Guidelines" in Cash JC and Glass CA (eds) *Family Practice Guidelines* Springer Publishing Company, LLC, New York, 2017. MEDIA5022

14. "Oxytocin Use in Labor: Legal Implications." *J Perinat Neonat Nurs.* 2017, Dec. 13. doi 10.1097/JPN

15. Drummond, S and Yeomans ER. "Amniotic Fluid Embolism" in Troiano NH, Witcher PM and Baird SM. (eds) *High Risk & Critical Care Obstetrics* 4th ed. Wolters Kluwer, Philadelphia, 2018.

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CURRICULUM VITAE

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NAME: Arthur Richard Boerner, M.D.

DATE OF BIRTH: October 12, 1949

PLACE OF BIRTH: Circleville, Ohio

MARITAL STATUS: Married: Cathy, Sept. 19, 1981
CHILDREN: Callie Rebekah Boerner

HOME ADDRESS: 2200 ½ Utica Pike
Jeffersonville, Indiana 47130
812) 284-6864

BUSINESS ADDRESS: 1407 Spring Street
P.O. Box 770
Jeffersonville, Indiana 47130-0770
812) 288-9646

EDUCATION:

Premedical: Wisconsin State University-Whitewater
Whitewater, Wisconsin
Bachelor of Science, 1967-1971

Medical: University of Louisville
School of Medicine
Louisville, Kentucky
Doctor of Medicine, 1971-1975

Postgraduate: Louisville General Hospital
University of Louisville Affiliated
Hospital
Department of Obstetrics & Gynecology
Louisville, Kentucky
OB-GYN Resident, 1975-1979

LICENSURE: Kentucky: July, 1976; #18539
Indiana: January, 1979; #29076
So. Indiana: Subutex Treatment, October 2016

CERTIFICATION: Diplomat, National Board of Medical
Examiners, 1976
American Board of OB-GYN, 1981



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Arthur R. Boerner, M.D.
CURRICULUM VITAE

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-2-

HOSPITAL AFFILIATIONS:

Clark Memorial Hospital, Jeffersonville, IN
St. Vincent Dunn Hospital, Bedford, IN
St. Vincent Randolph, Winchester, IN

**HONORS, SOCIETY, AND
FRATERNITY MEMBERSHIP:**

Fellow, American College OB-GYN
Indiana State Medical Association
Kentucky State Medical Association
Louisville OB-GYN Society
AOA- AOA Induction to University of Louisville
School of Medicine - 2002
Teaching Honors University of Louisville

TEACHING APPOINTMENTS:

Clinical Instructor 1979 - 1982
Assistant Clinical Professor 1982 - 1998
Associate Clinical Professor 1998 - Present
Department of Family and Geriatric Medicine and
Department of OB-GYN
University of Louisville, School of Medicine

Clinical Rotation for Second-Year
Family Practice Resident in Gynecology
1979 - Present

Developed and Co-directed GYN-Surgery Rotation
for four-year OB-GYN Residents at Clark Memorial
Hospital 2005 - Present

Associate Clinical Professor of
Obstetrics & Gynecology, Department of
Obstetrics & Gynecology, Indiana University
School of Medicine 2009 - Present

Associate Clinical Professor
Kettering University
Department of Health Science 2011 - Present

Arthur R. Boerner, M.D.

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CURRICULUM VITAE

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RESEARCH:

Sexual Dysfunction in Spinal Cord
of Injured Patients

Cerebral Palsy: "A Seventeen Year
Retrospective Study in Jefferson Co."
Presented at the Twenty-Sixth Annual
Clinical Meeting of the American
College of OB-GYN
Reviewed in JAMA, June 2, 1978, V239
22:2332 and OB-GYN News, June 1978

Tubal Reanastomosis in Rabbits after Various
Methods of Tubal Occlusion

PUBLICATIONS:

Boerner, A., Mitchell, D.: "A Seventeen Year
Retrospective Study in Jefferson County,"
Manuscript being prepared.

Sanfilippo, J. Boerner, A.: "An Animal Model
System for Anastomosis of Unequal Size
Tubal Segments"; Infertility, 3: 243, 1980

MBA Handbook for Healthcare Professionals
Contributing author, copyright 2002

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Curriculum Vitae
Updated January, 2016

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PART I: General Information

Name Carol Beer Benson

Office Address Department of Radiology
Brigham and Women's Hospital
75 Francis St.
Boston, MA02115
617-732-6280

Home Address 1 Huntington Ave, Apt 1403, Boston, MA02116

E-Mail cbenson@partners.org

FAX 617-278-6976

Education

- 1976 Sc.B. Brown University
- 1980 M.D. University of Pennsylvania School of Medicine
- 2002 Honorary Masters Harvard University

Postdoctoral Training

Internship and Residency

- 1980-1981 Intern in Medicine, Abington Memorial Hospital, Abington, PA
- 1981-1984 Resident in Radiology, New York Hospital — Cornell University Medical Center, New York, New York

Fellowship

- 1984-1985 Clinical Fellow in Radiology, Brigham and Women's Hospital, Harvard Medical School, Boston, MA

Licensure and Certification

- 1981 National Board of Medical Examiners



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1981-1985 New York State License
 1984- Massachusetts State License
 1984 American Board of Radiology
 1996-2000 Ohio State License
 2005-2009 New Hampshire State License

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Academic Appointments

1985-1987 Instructor of Radiology, Harvard Medical School
 1987-1991 Assistant Professor of Radiology, Harvard Medical School
 1991-2001 Associate Professor of Radiology, Harvard Medical School
 2001- Professor of Radiology, Harvard Medical School

Hospital Appointments

July, 1984 - Radiologist, Brigham and Women's Hospital, Boston, MA
 July, 1985 - Consultant Radiology, Dana-Farber Cancer Institute, Boston, MA
 1986- Consultant in Obstetrical Ultrasound, Department of Obstetrics and Gynecology, Brigham and Women's Hospital, Boston, MA
 1989-1991 Associate Director, Division of Ultrasound, Brigham and Women's Hospital, Boston, MA
 1991-1999 Co-Director, Division of Ultrasound, Brigham and Women's Hospital, Boston, MA
 1999- Director, Division of Ultrasound, Brigham and Women's Hospital, Boston, MA
 1999- Co-Director, High Risk Obstetrical Ultrasound, Brigham and Women's Hospital, Boston, MA
 2004- Radiology Director for the Noninvasive Vascular Lab, Brigham and Women's Hospital, Boston, MA

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2008 –2010 Consultant, Children's Hospital, Boston, MA

2011- Courtesy Staff, Department of Radiology, Children's Hospital, Boston, MA

2012- Active Staff, Department of Radiology, Faulkner Hospital, Boston, MA

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Principal Clinical and Hospital Service Responsibilities

1985- Radiologist, Division of Ultrasound, Department of Radiology, Brigham and Women's Hospital, Boston, MA

Major Administrative Responsibilities

1989-1991 Associate Director of Ultrasound, Department of Radiology, Brigham and Women's Hospital, Boston, MA

1990-2004 Affirmative Action Representative, Department of Radiology, Brigham and Women's Hospital, Boston, MA

1991-1999 Co-Director of Ultrasound, Department of Radiology, Brigham and Women's Hospital, Boston, MA

1999- Director of Ultrasound, Brigham and Women's Hospital, Boston, MA

1999- Co-Director of High Risk Obstetrical Ultrasound, Brigham and Women's Hospital, Boston, MA

2004-2012 Professional Compliance Officer, Department of Radiology, Brigham and Women's Hospital Physician Organization, Boston, MA

2004- Radiology Director for the Noninvasive Vascular Lab, Brigham and Women's Hospital, Boston, MA

2005- Professionalism Physician Trainer, Brigham and Women's Hospital, Boston, MA

2011- Medical Director for Continuing Medical Education for Brigham and Women's Hospital Department of Radiology

2012- Brigham Radiology Network Head of Ultrasound Services

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Major Committee Assignments

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Radiology Department, Brigham and Women's Hospital

1985-1986 Resident Selection Committee

1998- Community Radiology Liaison Committee

1998- Brigham and Women's Hospital — Children's Hospital Radiology Steering Committee

1998-1999 Professional Operations Committee

1998-1999 Technical Operations Committee

1999- Professional and Technical Operations Committee

2001-2004 CME Committee

2001- Junior Promotions Committee

2001- Senior Promotions Committee

2007- Resident Selection Committee

Brigham and Women's Hospital

1999- Brigham and Women's Hospital's Women's Health Leadership Forum

2001- BWPO Specialty Development Committee

2002-2003 BWPO Contracts Committee

2002-2003 BWPO On Site Vision Committee

2002-2003 Newton Wellesley Hospital and Brigham and Women's Hospital Maternal-Fetal Medicine Director Search Committee

2003 Brigham and Women's Hospital Maternal-Fetal Medicine Director Search Committee

2003-2008 BWPO Clinical Practice Leaders Committee

Harvard Medical School

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- 2002-2005 Clinician Teacher (Longer Service) Subcommittee of the Promotions, Reappointments and Appointments Committee in the Faculty of Medicine
- 2003-2004 Chair, Ad Hoc Committee to Consider the Appointment of Dr. Ellice S. Lieberman for Professor of Obstetrics, Gynecology and Reproductive Biology
- 2005-2007 Ad Hoc Committee to Search for a Professor of Medicine and Radiology to serve as Director of Cardiovascular Non-Invasive Imaging at Brigham and Women's Hospital
- 2005-2006 Standing Committee on Promotions, Reappointments, and Appointments in the Faculty of Medicine
- 2007-2009 Harvard University Premedical Society Mentoring Program
- 2010-2011 Ad Hoc Committee to Consider the Appointment of Dr. Douglas Ross for Professor of Medicine
- 2011-2012 Ad Hoc Committee to Consider the Appointment of Dr. Jeffrey Ecker for Professor of Obstetrics and Gynecology
- 2013- Ad Hoc Committee to Consider the Appointment of Dr. Daniel S. Talmor for Professor of Anesthesia

Partners Healthcare

- 2012- Continuing Medical Education Committee

National and International Societies

- 1984-1992 Medical Advisory Board, United States Squash Racquets Association
- 1988-1992 Education Committee, American Institute of Ultrasound in Medicine
- 1990-1996 Abdominal Committee, American Registry of Diagnostic Medical Sonographers
- 1991-1995 Chairman, Committee on Research and Technology Assessment in Ultrasound, American College of Radiology
- 1991-1995 Commission on Ultrasound, American College of Radiology
- 1991-1995 Commission on Research and Technology Assessment, American College of Radiology

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1992-1994 Membership Committee, Society of Radiologists in Ultrasound **MEDIA5022**

1993-1994 Chairman, Membership Committee, Society of Radiologists in Ultrasound

1992-1993 Chairman, Abdominal Committee, American Registry of Diagnostic Medical Sonographers

1993-1995 Coordinator, Exam Development Task Force, Abdominal Exam, American Registry of Diagnostic Medical Sonographers

1993-1996 Exam Development Task Force, Abdominal Exam, American Registry of Diagnostic Medical Sonographers

1993-1998 Informational Media Committee, American Institute of Ultrasound in Medicine

1994-1998 Chairman, Informational Media Committee, American Institute of Ultrasound in Medicine

1995-1998 Legislative Committee, American Institute of Ultrasound in Medicine

1995-1997 Membership Committee, Executive Liaison, Society of Radiologists in Ultrasound

1995- Ultrasound Practice Accreditation Council, American Institute of Ultrasound in Medicine

1995-1999 Education and Research Fund Scientific Advisory Committee, American Institute of Ultrasound in Medicine

1997 Chairman, Abstract Review Committee for General Obstetrics Scientific Session, American Institute of Ultrasound in Medicine

1997 Abstract Review Committee for Genitourinary Session, American Institute of Ultrasound in Medicine

1997-1999 Corporate Affairs Committee, Executive Liaison, Society of Radiologists in Ultrasound

1997-1999 Program Committee, Executive Liaison, Society of Radiologists in Ultrasound

1999-2001 External Affairs Committee, Executive Liaison, Society of Radiologists in Ultrasound

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1999-2001 Fellowship Committee, Executive Liaison, Society of Radiologists in
Ultrasound
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1999-2001 Convention Program Committee/Annual Convention Committee,
American Institute of Ultrasound in Medicine

2001-2003 Annual Convention Committee, Vice Chair, American Institute of
Ultrasound in Medicine

2001-2002 Regional Course Committee, American Institute of Ultrasound in
Medicine

2001-2003 Director of Preconvention Courses, American Institute of Ultrasound in
Medicine

2001-2004 Education Council, American Institute of Ultrasound in Medicine

2001-2003 Annual Convention Committee Subcommittee for WFUMB, American
Institute of Ultrasound in Medicine

2003 Abstract Review Committee for General Obstetrics Scientific Session,
World Federation of Ultrasound in Medicine and Biology and American
Institute of Ultrasound in Medicine

2003-2005 Corporate Affairs Committee, Vice Chair, Society of Radiologists in
Ultrasound

2003-2005 Annual Convention Committee, Chair, American Institute of Ultrasound
in Medicine

2005-2012 Peripheral Venous Standard Committee, Intersocietal Commission for the
Accreditation of Vascular Laboratories

2005-2010 Quality Assurance Committee, Intersocietal Commission for the
Accreditation of Vascular Laboratories

2005-2006 Annual Convention Committee, American Institute of Ultrasound in
Medicine

2005-2008 Regional Course Committee, American Institute of Ultrasound in
Medicine

2005-2011 Corporate Affairs Committee, Chair, Society of Radiologists in
Ultrasound

2005-2008 Program Committee, Society of Radiologists in Ultrasound

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2007-2009 Awards Committee, Society of Radiologists in Ultrasound **MEDIA5022**

2007 NCI Thyroid Fine Needle Aspiration State of the Science Conference, Steering Committee

2008-2010 SRU Strategic Plan Committee, Society of Radiologists in Ultrasound

2008-2009 Journal of Ultrasound in Medicine Editor Selection Committee, American Institute of Ultrasound in Medicine

2009-2012 Fellowship Committee, Society of Radiologists in Ultrasound

2009-2012 Nominating Committee, Society of Radiologists in Ultrasound

2011- Gynecology Guideline Group of the Clinical Standards Committee, International Society of Ultrasound in Obstetrics and Gynecology

2011-2015 Clinical Vignettes in Journal of Ultrasound in Medicine Task Force, American Institute of Ultrasound in Medicine

2011-2014 Quality Improvement Sub-Committee, Intersocietal Accreditation Commission, Vascular Testing

2011 Registered Physician in Vascular Testing Sub-Committee, Intersocietal Accreditation Commission, Vascular Testing

2012-2018 Refresher Course Committee Track Chair, Radiologic Society of North America

2013-2014 Visceral Vascular Standards Committee, Intersocietal Accreditation Commission, Vascular Testing

2013-2014 Research Committee: IAC Diagnostic Criteria, Intersocietal Accreditation Commission, Vascular Testing

2013-2014 CDC and NACCHO Clinical Utilization Plan for Anthrax Countermeasures in a Mass Event Setting, Triage Work Group

2014- American College of Radiology Practice Guideline Committee for Prostate Ultrasound, Society of Radiologists in Ultrasound representative

2015-2019 ACR Appropriateness Criteria® (AC) Expert Panel on Women's Imaging
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Professional Societies

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Memberships

1983- Radiologic Society of North America

1984- American Association of Women Radiologists

1985- American Institute of Ultrasound in Medicine

1985-2006 New England Society of Ultrasound in Medicine

1989- Fellow, Society of Radiologists in Ultrasound

1991- International Society of Ultrasound in Obstetrics and Gynecology

1992- American College of Radiology

1992- Fellow, American Institute of Ultrasound in Medicine

1993- American Roentgen Ray Society

1995- Massachusetts Radiologic Society

1999-2006 American Medical Association

2011- Nova Scotia Association of Radiologists, honorary member

2012- European Society of Radiology

2013- Fellow, American College of Radiology

Offices Held

1990-1993 Board Member, American Registry of Diagnostic Medical Sonographers

1995-2005 Executive Board, Society of Radiologists in Ultrasound

1995-1997 Secretary, Society of Radiologists in Ultrasound

1997-1999 Treasurer, Society of Radiologists in Ultrasound

1998-2001 Board of Governors, American Institute of Ultrasound in Medicine

1999-2001 President-Elect, Society of Radiologists in Ultrasound

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2001-2003 President, Society of Radiologists in Ultrasound

2002-2005 Delegate, American Medical Association

2003-2005 Past-President, Society of Radiologist in Ultrasound

2005- Board Member, Intersocietal Commission for the Accreditation of Vascular Laboratory

2008-2011 First Vice President, American Institute of Ultrasound in Medicine

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Editorial Boards

1989- Ad hoc reviewer, Journal of Clinical Ultrasound

1990-1998 Ad hoc reviewer, American Journal of Roentgenology

1994-2012 Ad hoc reviewer, Radiology

1996- Ad hoc reviewer, Ultrasound in Obstetrics and Gynecology

1997- Editorial board member, Ultrasound International Journal

1998-2005 Editorial board member, American Journal of Roentgenology

2001-2002 Advisory Editorial Board, Journal of Ultrasound in Medicine

2002-2010 Deputy Editor, Journal of Ultrasound in Medicine

2002- Ad hoc reviewer, New England Journal of Medicine

2003- Ad hoc reviewer, Fertility and Sterility

2004- Ad-hoc reviewer, Journal of Reproductive Medicine

2005- Editorial Advisory Board, American Journal of Roentgenology

2010- Subspecialty Editor for Gynecology, Journal of Ultrasound in Medicine

2012- Associate Editor of Radiology, Editorial Board

Awards and Honors

1972 Scholarship to Brown University awarded by the Brown Club of Philadelphia

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1976 Sigma Xi, Brown University

1976 Magna Cum Laude Graduate, Brown University

1987 Magna Cum Laude Exhibit Award, Radiologic Society of North America
(The Diaphragm: Anatomic, Pathologic, and Radiologic considerations)

1988 Certificate of Merit, American Roentgen Ray Society (Exhibit: The
Diaphragm)

1992 Cum Laude Scientific Exhibit Award, Radiologic Society of North
America (Normal Variants and Pitfalls in the Sonographic Evaluation of
the Fetal Heart)

1993 Certificate of Merit, American Roentgen Ray Society (Normal Variants
and Pitfalls in the Sonographic Evaluation of the Fetal Heart)

1996 Listed in Best Doctors in the Northeastern United States for 1996-1997

1998 Partners in Excellence Award, High Risk Obstetrical Ultrasound Unit.

2001 Partners in Excellence Award, Team Leader, Thyroid Nodule Clinic

2001 Listed in America's Top Doctors (1st Edition)

2002 Listed in America's Top Doctors (2nd Edition)

2002 Listed in Who's Who

2002 Partners in Excellence Award, Team Leader, High Risk Obstetrical
Ultrasound Unit.

2003 Listed in America's Top Doctors (3rd Edition)

2003 Listed in Who's Who

2004 Listed in Who's Who

2004 Listed in America's Top Doctors (4th Edition)

2005 Listed in America's Top Doctors (5th Edition)

2005 Listed in Who's Who

2005-2006 Listed in Best Doctors in America

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2006 Listed in *Boston Magazine* The Top Doctors in Massachusetts

2006 Listed in Guide to America's Top Radiologists

2006 Listed in America's Top Doctors (6th Edition)

2006 Listed in Who's Who

2007 Listed in Guide to America's Top Radiologists

2007 Listed in America's Top Doctors (7th Edition)

2007 Listed in Who's Who

2007 Listed in *Boston Magazine* The Top Doctors in Massachusetts

2008 Listed in Guide to America's Top Radiologists

2008 Listed in *Boston Magazine* The Top Doctors in Massachusetts

2008 Listed in Who's Who

2008 Listed in America's Top Doctors (8th Edition)

2009 Listed in *Boston Magazine* The Top Doctors in Massachusetts

2009 Listed in Who's Who

2009 Listed in America's Top Doctors (9th Edition)

2010 *Radiology* Editor's Recognition Award for Reviewing with Distinction

2010 Listed in *Boston Magazine* The Top Doctors in Massachusetts

2010 Listed in Who's Who

2010 Listed in America's Top Doctors (10th Edition)

2011 *Radiology* Editor's Recognition Award for Reviewing with Distinction

2011 Listed in Who's Who, 10 year anniversary

2011 Listed in *Super Doctors* for Boston

2011 Listed in *US News & World Report* Top Doctors

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- 2011 Listed in Who's Who
- 2011 Listed in America's Top Doctors (11th Edition)
- 2012 *Radiology* Editor's Recognition Award for Reviewing with Distinction
- 2012 Listed in *Super Doctors* for Boston
- 2012 Best Abstract Award, Translational Research for MGH Clinical Research Day for: Pillalamarri V, Ordulu Z, Blumenthal I, Hanscom C, Pereira S, Stone MR, Hussain N, Connolly S, Wilkins-Haug LE, Picker J, Rosenfeld JA, Shaffer LG, Gusella JF, Morton CC, Talkowski MD. Rapid Prenatal Diagnosis by Whole-Genome Sequencing of Customized Jumping Libraries.
- 2012 Listed in America's Top Doctors (12th Edition)
- 2012 Listed in Who's Who
- 2013 Listed in America's Top Doctors (13th Edition)
- 2013 Listed in The Leading Physicians of the World as a Top Doctor in Boston, MA by the International Association of Radiologists
- 2013 Listed in Boston Magazine's Top Doctors
- 2013 Inducted into Fellowship in the American College of Radiology
- 2013 Listed in Who's Who
- 2014 Listed in Boston Magazine's Top Doctors
- 2014 Premio Amigo FMRI, Federacion Mexicana de Radiologia E Imagen. A distinction given to recognize Distinguished Foreign Radiologists and/or related specialty persons for their contributions to the FMRI and its partners.
- 2015 Listed in America's Top Doctors (14th Edition)
- 2015 Listed in Boston Magazine's Top Doctors

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PART II: Research, Teaching, and Clinical Contributions

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Research Activities

The bulk of my research has fallen into several main areas related to the use of ultrasound in clinical practice. These areas include obstetrical topics, including growth disturbances, predicting outcome of first trimester gestations, multiple gestations, sonographic diagnosis of fetal anomalies, and fetal cardiac interventional procedures for congenital cardiac anomalies. Other areas of research are related to the male genital tract, the thyroid gland, and intracranial sonography in the premature infant.

Ultrasound is used to measure fetal parts for estimating fetal age and weight. I have contributed to a variety of studies that have used fetal measurements and findings at obstetrical ultrasound to improve the diagnosis of fetal growth disturbances, including intrauterine growth retardation (IUGR) (original reports 3,7,14,15,22, 82) and macrosomia (original reports 6, 8, 24). For predicting IUGR, we developed a scoring system by logistic regression that outperforms other published predictors for IUGR. This scoring system is now used by many ultrasound facilities across the country. With my colleagues, I have also developed formulas and fetal weight tables that are used to predict gestational age and assess fetal growth (original reports 25, 36, 56). These formulas and tables are more accurate than those previously published. Our work with fetal measurements and evaluation of fetal growth disturbances is recognized nationally, and we have written several reviews and chapters on these topics (reviews 7, 8, 25, 35, 45, 48).

I have lead research studies on several large populations of first trimester pregnancies that examined pregnancy outcome as a function of sonographic findings and other parameters (original reports 23, 30, 33, 34, 39, 40, 42, 47, 52, 55, 59, 63, 69, 71, 94). In these studies we used logistic regression to determine the sonographic findings and clinical parameters, such as maternal age and mode of conception, that correlate most closely with pregnancy outcome. In other studies, we determined the prognosis for early first trimester pregnancies based on fetal heart rate, demonstrating that embryos with slow early heart rates are likely to result in miscarriage, while those with fast early heart rates have a good prognosis. Based on our work, clinicians can counsel patients about the prognosis for their early pregnancies. I have been invited to write several reviews and chapters on first trimester ultrasound (reviews 4, 9, 30, 31, 39).

Diagnosis and assessment of a multiple gestation depends on ultrasound in a variety of clinical situations. During the first trimester, sonography is the only means of determining the number of embryos present. Once a multiple gestation is diagnosed, ultrasound is the modality used to define the type of placentation for each embryo. Sonography is also used to diagnose the many complications that occur in multiple gestations. I have studied and published papers dealing with various aspects of multiple gestations (original reports 16, 17, 33, 40, 63, 65, 66, 75, 119, 129, 131, 132, 136), including a paper proving reversal of blood flow in an acardiac twin and a study of

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pregnancies complicated by twin-twin transfusion syndrome. With my colleagues, I have also developed formulas for predicting pregnancy outcome of early twin gestations, using logistic regression analysis of sonographic and clinical variables. As a recognized authority on sonography of multiple gestations, I have written several reviews and chapters on the subject (reviews 6, 22, 23, 32, 37).

Ultrasound is the primary imaging modality for diagnosing anomalies of the fetus. I have participated in a variety of studies related to the diagnosis and outcome of fetuses with anomalies diagnosed by ultrasound prenatally (original reports 11, 28, 35, 44, 46, 49, 57, 64, 70, 71, 76, 78, 85, 87, 100, 101, 106, 108, 112, 120, 127).

In the past several years, I have been a member of a team of physicians from Brigham and Women's Hospital and Children's Hospital that has been performing in utero interventional procedures on the fetal heart to prevent the progression or improve the outcome of fetuses with congenital heart disease (original reports 89, 90, 97, 102, 104, 105, 114, 115, 122-124, 126, 128, 133, 134). In particular, we have successfully dilated the aortic valve in fetuses with aortic stenosis developing hypoplastic left heart. Fetuses successfully treated with this procedure have a significantly improved outcome compared to untreated fetuses. We have also treated fetuses with hypoplastic left heart syndrome and restricted atrial septum to make channels through the atrial septum to allow blood to flow from the obstructed left atrium to cross the septum into the right atrium. The procedure decreases the high mortality associated with this condition. We have also dilated the pulmonic valve in fetuses with hypoplastic right ventricle resulting from pulmonic stenosis or atresia.

Over the past 20 years, ultrasound equipment has improved and advanced significantly, including higher resolution capabilities for scanning small structures and the addition of color and spectral Doppler for identifying blood flow. Taking advantage of these advances, I pioneered sonographic and Doppler evaluation of the penis to diagnose causes of impotence (original reports 19, 21, 27, 32). Over the last decade, these techniques have largely replaced penile angiography. I have also published a variety of clinical studies related to sonography of the scrotum (original reports 9, 18, 29, 48, 53, 54, 57, 62). I am considered a leader in sonography and Doppler of the male genital tract and have published many reviews and chapters in this area (reviews 1, 2, 11, 12, 13, 14, 17, 18, 19, 27, 33, 38, 40, 41, 42, 43, 49, 50, 52, 58,).

In 1995, I was a founding member of the Brigham and Women's Hospital Thyroid Nodule Clinic. This is now a busy, multidisciplinary, thyroid nodule clinic, for which I maintain a complete database of patients. I have been involved in a number of studies related to the sonographic diagnosis of thyroid cancer. We have published a study demonstrating the cost-savings and efficiency of diagnosis associated with our multidisciplinary thyroid nodule clinic, when compared to previous protocols for evaluating thyroid nodules. In addition, we are studying sonographic characteristics of thyroid nodules, using cytologic and pathologic results as the gold standard, to determine whether sonographic features of a thyroid nodule can predict thyroid cancer (original reports 72, 79, 80, 86, 92, 98, 110, 121, 138).

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In conjunction with neonatal neurologist from Children's Hospital, I continue to be involved in several studies of premature infants related to sonographic diagnosis and timing of neonatal intracranial hemorrhage and outcome in these fetuses (original reports 99, 103, 111, 116, 118).

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Grant Support

1987	Biomedical Research Support Grant Award
1997-1999	Optimization of Hyperthermia – Clinic, Biology, and Physics. Grant # 5 P01 CA31303-11 (7.5% support)

Report of Teaching

Harvard Medical School

Course Directorships

1990-1995	Co-Director, Ultrasound Postgraduate Course
1994-1995	Co-Director, Women's Diagnostic Imaging
1996-2009	Co-Director, Ultrasound/Women's Imaging Postgraduate Course
2003	Co-Director, Boston Fetal Cardiac Interventional Program
2010-	Co-Director, Ultrasound Postgraduate Course
2010-	Co-Director, Advanced Sonography Symposium in OB/Gyn

Lecturer

1984-1987	Medical Student Radiology Course, Lectures in CT and Ultrasound
1984-	Resident Conferences in Ultrasound, Brigham and Women's Hospital
1985-	Daily Ultrasound Conference, Brigham and Women's Hospital
1985-1996	Daily Medical Radiology Conference, Brigham and Women's Hospital
1985-1995	Ultrasound Annual Postgraduate Course
1985-1991	Orthopedic Biannual Postgraduate Course

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1986-1990	Chest Radiology Biannual Postgraduate Course
1988-1991	CT and MRI Annual Postgraduate Course
1988-1992	Urologic Oncology Postgraduate Course
1992-	Advanced Sonography Symposium in Obstetrics and Gynecology Biannual Course
1994-1995	Women's Diagnostic Imaging Annual Postgraduate Course
1995-2009	MGH/BWH Radiology Annual Review Course
1996-2009	Ultrasound/Women's Imaging Annual Postgraduate Course
2003	Boston Fetal Cardiac Interventional Program Symposium
2003	Prenatal Cardiac Interventions, The First International Symposium Focusing on Prenatal Therapeutic Cardiac Interventions
2006	Annual Update in Obstetrics and Gynecology
2007	Practical Applications of New Imaging Techniques, Paris, France
2009-	Ultrasound Annual Postgraduate Course
2011-	MGH/BWH Radiology Annual Review Course

Regional, National, and International

Course Directorships

March, 1993	Co-Director, Genitourinary Course, American Institute of Ultrasound in Medicine, Honolulu, HI
March, 1998	Co-Director, Women's Health, American Institute of Ultrasound in Medicine, Boston, MA
March, 1999	Co-Director, State of the Art Ultrasound, International Institute for Continuing Medical Education, Orlando, FL
April, 1999	Co-Director, State of the Art Ultrasound, International Institute for Continuing Medical Education, Atlanta, GA

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July, 1999 Co-Director, State of the Art Ultrasound, International Institute for Continuing Medical Education, Bermuda

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March, 2000 Co-Director, State of the Art Obstetrical and Gynecologic Ultrasound, International Institute for Continuing Medical Education, Dallas, TX

Invited Lecturer

April, 1985 Obstetrics Grand Rounds, Beverly Hospital, Beverly, MA
"The Biophysical Profile"

June, 1985 Countway Urology Rounds, Boston, MA
"Scrotal Ultrasound"

May, 1986 CME Rounds, Anna Jaques Hospital, Newburyport, MA
"The Use of Ultrasound Examinations in Pregnancy"

April, 1987 Visiting Professor, Hospital for Special Surgery, New York, NY
"Shoulder Ultrasound"

February, 1988 New England Society of Ultrasound in Medicine, Boston, MA
"Assessment of Fetal State and Growth"

May, 1988 Countway Urology Rounds, Boston, MA
"Sonography and Doppler Studies in the Evaluation of Impotence"

November, 1988 Orthopedic Grand Rounds, Beth Israel Hospital, Boston, MA
"Orthopedic Applications of Ultrasound"

January, 1989 Grand Rounds, Brigham and Women's Hospital, Boston, MA
"Sonography of the Male Genital Tract"

October, 1989 New England Society of Radiation Oncologists, Boston, MA
"Transrectal Ultrasound for Diagnosis and Follow-up of Prostate Cancer"

November, 1989 Radiology Grand Rounds, New England Deaconess Hospital, Boston, MA
"Sonography of Multiple Gestations"

November, 1989 Radiologic Society of North America, Chicago, IL
Moderator, Obstetrical Ultrasound Scientific Session

February, 1990 New England Roentgen Ray Society, Cambridge, MA
"Sonography of Male Impotence"

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March, 1990 Urologic Ultrasound Course, American Institute of Ultrasound in
Medicine, New Orleans, LA
Moderator
"Current Status of Scrotal Sonography"
"Sonography of the Male Urethra"

March, 1990 American Institute of Ultrasound in Medicine, Meet the Professor,
New Orleans, LA
"Sonography of Multiple Gestations"

April, 1990 Greater Delaware Valley Ultrasound Society, Philadelphia, PA
"Sonography of Multiple Gestations"

April, 1990 Thomas Jefferson University Obstetrical Ultrasound Course,
Philadelphia, PA
"Sonographic Diagnosis of Fetal Anomalies"

April, 1990 The North Carolina Ultrasound Society, Research Triangle, NC
"Multiple Gestations"
"Assessment of Fetal Well-Being and Growth"

April, 1990 New England Roentgen Ray Society, Cambridge, MA
"Abnormalities of the Fetal Abdomen"

April, 1990 Thomas Jefferson University Obstetrical Ultrasound Course,
Philadelphia, PA
"The Second and Third Trimester Fetus"

May, 1990 Visiting Professor, Hartford Hospital, Hartford, CT
"Sonography of Multiple Gestations"
"Sonography of the Male Genital Tract"

May, 1990 Western Massachusetts Radiologic Society, Springfield, MA
"Overview of Fetal Anomalies"

September, 1990 Thomas Jefferson University Obstetrical Ultrasound Course,
Philadelphia, PA
"Sonographic Diagnosis of Fetal Anomalies"

December, 1990 Radiology Grand Rounds, Brigham and Women's Hospital,
Boston, MA
"The Evaluation of Erectile Dysfunction"

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February, 1991	American Institute of Ultrasound in Medicine, Meet the Professor, Atlanta, GA "Sonography of Multiple Gestations"	Professor, MEDIA5022
October, 1991	Thomas Jefferson University Obstetrical Ultrasound Course, Philadelphia, PA "Sonographic Diagnosis of Fetal Anomalies"	
October, 1991	Lehigh Valley Society of Ultrasound in Medicine, Allentown, PA "Fetal Growth Disturbances"	
October, 1991	Mediq Imaging Services, Inc., Fall Symposium, Danvers, MA "Small Parts"	
November, 1991	New England Roentgen Ray Society, Cambridge, MA "Chest Ultrasound"	
January, 1992	Radiology Grand Rounds, The Albany Medical College, Albany, NY "Ultrasound of Multiple Gestations"	
March, 1992	American Institute of Ultrasound in Medicine, Meet the Professor, San Diego, CA "Sonography of Multiple Gestations"	
May, 1992	Visiting Professor, State University of New York at Stony Brook, Stony Brook, NY "Sonography of Multiple Gestations"	
September, 1992	The 3rd Congress of Asian Federation of Societies for Ultrasound in Medicine and Biology, Seoul, Korea "Sonography of Multiple Gestations" "Fetal Anomalies of the Thorax and Abdomen"	
September, 1992	University of Ulsan, ASAN Medical Center, Seoul, Korea "Sonography of Multiple Gestations"	
September, 1992	Society of Diagnostic Medical Sonographers, Philadelphia, PA "Sonography of Multiple Gestations" "An Overview of Fetal Anomalies"	
November, 1992	Radiologic Society of North America Refresher Course, Chicago, IL "Twin and Multiple Pregnancies"	

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November, 1992	Thomas Jefferson University Obstetrical Ultrasound Course, Philadelphia, PA "Sonographic Diagnosis of Fetal Anomalies"	MEDIA5022
January, 1993	New Jersey Institute of Ultrasound in Medicine, Lawrence, NJ "Sonography of Multiple Gestations"	
March, 1993	American Institute of Ultrasound in Medicine Genitourinary Course, Honolulu, HI "Scrotum: Nonacute" "Impotence"	
March, 1993	American Institute of Ultrasound in Medicine, Meet the Professor, Honolulu, HI "Sonography of Multiple Gestations"	
April, 1993	Seventh Annual Clinical Seminar in Diagnostic Ultrasound Current and Controversial Issues, Pittsburgh, PA "Infertility: Where Are We?" "Evaluation of Impotence" "Assessment of Fetal Growth" "Sonography of Multiple Gestations" Panelist, "Controversies in Screening for Ovarian and Endometrial Carcinoma"	
May, 1993	The Leading Edge in Diagnostic Ultrasound, Atlantic City, NJ "Multiple Gestations" "Fetal Anomalies of the CNS" "Fetal Thorax and Abdominal Anomalies" "Lower Male Genital Tract: Imaging and Doppler" Panelist, "Stump the Stars"	
September, 1993	Johns Hopkins 1993 Diagnostic Ultrasound in Obstetrics and Gynecology and Abdomen, Baltimore, MD "Fetal Anomalies of the Central Nervous System" "Fetal Anomalies of the Thorax and Abdomen" "Impotence: Sonography and Doppler of the Penis"	
October, 1993	South Eastern Wisconsin Ultrasound Society, 9th Annual Sonic Innovations Seminar, Milwaukee, Wisconsin "Sonography of Multiple Gestations" "Fetal Anomalies of the Thorax and Abdomen"	
November, 1993	Radiologic Society of North America, Refresher Course, Chicago, IL "Penis and Impotence"	

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January, 1994 12th Annual "European" Winter Congress — Diagnostic Imaging,
Vail, CO
Moderator
"Sonography of the Lower Male Genital Tract"
"Sonography and Doppler of the Penis"
"Sonography of Multiple Gestations"

March, 1994 American Institute of Ultrasound in Medicine, Meet the Professor,
Baltimore, MD
"Fetal Anomalies of the Central Nervous System"

March, 1994 American Institute of Ultrasound in Medicine, Categorical Course,
Baltimore, MD
"Scrotal and Penile Ultrasound and Doppler"

April, 1994 State University of New York 18th Annual Symposium in
Diagnostic Ultrasound, New York, NY
"Growth and Evaluation in the First Trimester"
"Evaluation of Twins"
"The External Male Genital Tract"

May, 1994 Ultrasound Club of New York City, New York, NY
"Fetal Anomalies of the Thorax and Abdomen"

June, 1994 Seventh Annual Spring Ultrasound and Imaging Seminar, San
Juan, Puerto Rico
"Sonography and Doppler of the Penis for Urethral Disease and
Impotence"
"Sonography and Doppler of the Scrotum"
"Sonographic Evaluation during the First Trimester"
"Fetal Anomalies of the Central Nervous System"

June, 1994 Delaware Valley Ultrasound Society, Philadelphia, PA
"Sonography and Doppler of the Scrotum and Penis"

June, 1994 Thomas Jefferson University Obstetrical Ultrasound Course,
Philadelphia, PA
"Sonographic Diagnosis of Fetal Anomalies"

September, 1994 New Jersey Society of Ultrasound in Medicine, Edison, NJ
"Fetal Anomalies of the Thorax and Abdomen"

October, 1994 University of California, San Francisco, Vascular Ultrasound:
State of the Art Course, San Francisco, CA
"Ultrasound and Doppler of the Scrotum"

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"Penile Ultrasound and Doppler"
"Color Doppler in Obstetrics"

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November, 1994	Colombian Radiological Society, Bogota, Colombia "First Trimester" "Color Doppler in Obstetrics" "Sonography and Doppler of the Penis" "Superficial Ultrasound"
November, 1994	Advanced Ultrasound Techniques in Obstetrics and Gynecology, Phoenix, AZ "Sonography of Multiple Gestations" "Anomalies of the Fetal Central Nervous System" "Color Doppler in Obstetrical Ultrasound"
November, 1994	Radiologic Society of North America, Refresher Course, Chicago, IL "Sonography and Doppler Ultrasound of the Penis"
January, 1995	Visiting Professor, New York Hospital-Cornell University Medical Center, New York, NY "Sonography of Multiple Gestations" "Fetal Anomalies of the Central Nervous System" Case Conference
February, 1995	Rheumatology Grand Rounds, Brigham and Women's Hospital, Boston, MA "Use of Ultrasound in the Musculoskeletal System"
March, 1995	OB/GYN Grand Rounds, New England Memorial Hospital, Stoneham, MA "Fetal Anomalies of the Central Nervous System"
March, 1995	American Institute of Ultrasound in Medicine, Preconvention Course on Acute Abdomen, San Francisco, CA "Acute Pelvic Pain in the Nonpregnant Patient"
March, 1995	American Institute of Ultrasound in Medicine, Meet the Professor, San Francisco, CA "Sonography of Multiple Gestations"
March, 1995	Third International Symposium on Maternal Fetal Medicine, Bogota, Colombia "Ultrasound Evaluation in the First Trimester" "Sonography of Multiple Gestations" "Ultrasound in the Evaluation and Treatment of Infertility"

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April, 1995	New York Roentgen Ray Society, New York, NY "Acute Pelvic Pain" "Diagnosis and Treatment of Infertility"	MEDIA5022
May, 1995	Los Angeles Radiologic Society, Los Angeles, CA "Sonography of the Penis" "Anomalies of the Fetal Thorax" "Ultrasound in the Diagnosis and Treatment of Infertility"	
September, 1995	Advanced Seminars in Ultrasound Diagnosis, New York, NY "Sonography of Multiple Gestations" "Abdominal and Thoracic Fetal Anomalies"	
October, 1995	Society of Radiologists in Ultrasound, Advances in Sonography: 1995, Chicago, IL "Penile and Scrotal Doppler and Ultrasound"	
December, 1995	Radiologic Society of North America, Refresher Course, Chicago, IL "Sonography and Doppler Ultrasound of the Penis"	
December, 1995	Radiologic Society of North America, Chicago, IL Moderator, Renal Ultrasound Scientific Session	
January, 1996	Visiting Professor, New York Hospital — Cornell University Medical Center, New York, NY Case Conference "Anomalies of the Fetal Thorax and Abdomen"	
February, 1996	University of Michigan Radiology Course, Snowmass, CO "Sonography of Multiple Gestations" "Color Doppler in OB Ultrasound" "Anomalies of the Fetal Central Nervous System"	
March, 1996	Radimagem, Porto Alegre, Brazil "Sonography of Multiple Gestations" "Ultrasound in the Diagnosis and Treatment of Infertility" "Fetal Anomalies: the Central Nervous System" "Fetal Anomalies: the Thorax (excluding heart)" "Fetal Anomalies: the Fetal Abdomen"	
March, 1996	American Institute of Ultrasound in Medicine, Meet the Professor, New York, NY "Sonography of Multiple Gestations"	

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April, 1996 Fetal Echocardiography, Englewood, NJ
"Syndromes Associated with Fetal Cardiac Anomalies" MEDIA5022

May, 1996 Visiting Professor, New York Hospital—Cornell University
Medical Center, New York, NY
Case Conference
"Scrotal Ultrasound"

May, 1996 The Leading Edge in Diagnostic Ultrasound, Atlantic City, NJ
"Ultrasound of the Penis and Urethra"
"Color Doppler in Obstetrical Ultrasound"
"Anomalies of the Fetal Genitourinary Tract"

June, 1996 American Institute of Ultrasound in Medicine, Ob/Gyn Course,
Miami, FL
"Anomalies of the Fetal Thorax"
"Sonography of Multiple Gestations"

September, 1996 Ultrasound '96, Santa Fe, NM
"First Trimester Ultrasound"
"Ultrasound in the Diagnosis and Treatment of Infertility"
"Sonography of the Fetal Central Nervous System"
"The Fetal Abdomen"

September, 1996 Society of Diagnostic Medical Sonographers, Palms Springs, CA
"Ultrasound in the Diagnosis and Treatment of Infertility"
"First Trimester Ultrasound"
"Sonography of Multiple Gestations"
"Color Doppler in Obstetrical Ultrasound"

October, 1996 EuroSon, Budapest, Hungary
"Anomalies of the Fetal Genitourinary Tract"
"Fetal Abdominal Wall and Gastrointestinal Tract"
"Anomalies of the Fetal Central Nervous System"

October, 1996 Granite State Ultrasound Society, Manchester, NH
"Color Doppler in Obstetrics"
"Anomalies of the Fetal Central Nervous System"

October, 1996 Prostate and Genitourinary Cancer Course, San Antonio, TX
"Renal, Adrenal, and Bladder Ultrasound"
"Scrotal Ultrasound and Doppler"
"Penile Ultrasound and Doppler"

November, 1996 Visiting Professor and Radiology Grand Rounds, Beth Israel
Hospital, New York, NY

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Case Conference
 "Anomalies of the Fetal Central Nervous System"

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November, 1996 Radiologic Society of North America, Categorical Course,
 Chicago, IL
 "Rule Out Fetal Anomalies"

January, 1997 Radiology Grand Rounds, Brigham and Women's Hospital,
 Boston, MA
 "Thyroid and Parathyroid Ultrasound"

March, 1997 American Institute of Ultrasound in Medicine, The Fetus
 Preconvention Course, San Diego, CA
 "Complications of Twinning"

March, 1997 American Institute of Ultrasound in Medicine, Meet the Professor,
 San Diego, CA
 "Sonography of Multiple Gestations"

May, 1997 Visiting Professor, New York Hospital—Cornell University
 Medical Center, New York, NY
 Case Conference
 "First Trimester Ultrasound"

June, 1997 American Institute of Ultrasound in Medicine, Ob/Gyn Course,
 Miami, FL
 "Anomalies of the Fetal Central Nervous System"
 "Anomalies of the Fetal Genitourinary Tract"
 "First Trimester Sonography"

June, 1997 American Society of Radiologic Technologists Annual
 Conference, Providence, RI
 "Use of Color Doppler in Obstetrics"

June, 1997 Singapore General Hospital Educational Seminar, Singapore
 "Renal Ultrasound",
 "Ultrasound in the Diagnosis and Treatment of Infertility"

July, 1997 Malaysian Radiologic Society, Kuala Lumpur, Malaysia
 "Renal Ultrasound"
 "Multiple Gestations"

July, 1997 Thailand Ultrasound Society, Bangkok, Thailand
 "Ultrasound in the Diagnosis and Treatment of Infertility"
 "Sonography and Doppler of the Scrotum"

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September, 1997	University of Michigan Annual Ultrasound Course, Ann Arbor, MI "The Fetal Thorax and Heart" "Color Doppler in Obstetrical Ultrasound" "Ultrasound in the Diagnosis and Treatment of Infertility"	MEDIA5022
October, 1997	Society of Radiologists in Ultrasound, Meet-the-Professor Session, Washington, DC "Fetal Anomalies of the Central Nervous System and Skeleton"	
October 1997	The Angela Gigli Annual Lecture, Ob/Gyn Grand Rounds, Brigham and Women's Hospital, Boston, MA "Early Molar Pregnancy"	
November, 1997	Ultrasound Symposium of the Radiological Society of New Jersey, Somerset, NJ "Sonography of Multiple Gestations" "Sonographic Evaluation of the Fetal Central Nervous System and Skeleton" "Other Superficial Organs: Penis, Thyroid, Parathyroid, Appendix" "Ultrasound in the Diagnosis and Treatment of Infertility"	
November, 1997	Radiologic Society of North America, Categorical Course, Chicago, IL "Rule Out Fetal Anomalies"	
February, 1998	21st Annual Advanced Ultrasound Seminar, Bowman-Gray University, Orlando, FL "Sonography of Multiple Gestations" "Color Doppler in Obstetrical Ultrasound" "Ultrasound in the Diagnosis and Treatment of Infertility" "Fetal Skeletal System"	
March, 1998	American Institute of Ultrasound in Medicine, Ultrasound and Women's Health Preconvention Course, Boston, MA "Ultrasound in the Diagnosis and Treatment of Infertility"	
March, 1998	American Institute of Ultrasound in Medicine, Meet the Professor, Boston, MA "Sonography of Multiple Gestations"	
May, 1998	Visiting Professor and Radiology Grand Rounds, University of Vermont Medical Center, Burlington, VT Case Conference "Fetal Anomalies of the Thorax and Abdomen"	

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May, 1998 Los Angeles Radiologic Society, Los Angeles, CA
 "The Fetal Anatomic Survey"
 "Ultrasound in the Treatment and Diagnosis of Infertility"
 Panel Discussion
 "Sonography of the Penis and Scrotum"
 "Fetal Thorax and Heart"

May, 1998 Canadian Society of Diagnostic Medical Sonographers, Montreal,
 Quebec, Canada
 "Ultrasound in the Diagnosis and Treatment of Infertility"
 "Color Doppler in Obstetrics"

May, 1998 Visiting Professor, New York Hospital — Cornell University
 Medical Center, New York, NY
 Case Conference
 "Sonography of Multiple Gestations"

May, 1998 22nd Annual Sonography Symposium, Nashville, TN
 "First Trimester Ultrasound"
 "Sonography and Doppler of the Scrotum"
 "Superficial Organ Ultrasound"

June, 1998 Colombian Radiology Conference, Bogota, Colombia
 "First Trimester Ultrasound"
 "Ultrasound of Fetal Anomalies"
 "Color Doppler in Obstetrics"
 "Ultrasound in the Diagnosis and Treatment of Infertility"

August, 1998 Radiology Update Course, Santa Fe, NM
 "The Fetal Anatomic Survey: Standard for Practice of Obstetrical
 Ultrasound"
 "First Trimester Ultrasound"
 "Sonography of Multiple Gestations"
 "Sonography and Doppler of the Scrotum"
 "Thyroid and Parathyroid Ultrasound and Biopsy"

October, 1998 Society of Radiologists in Ultrasound, Advances in Sonography:
 1998, San Diego, CA
 "Fetal Central Nervous System"

March, 1999 State of the Art Ultrasound, Orlando, FL
 "Multiple Gestations"
 "Fetal Anatomic Survey"
 "Sonographic Technique for Fetal Survey: Live Demonstration"
 "Fetal Skeletal System"
 "Fetal Thorax"

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"Doppler in Obstetrics: 1. Color"

Panelist: "Controversial Findings in Obstetrical Ultrasound"

"Ultrasound in the Diagnosis and Treatment of Infertility"

"Scrotal and Penile Ultrasound and Doppler"

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March, 1999

Visiting Lecturer, Hollywood Hospital, Hollywood, FL

"Fetal Anatomic Survey"

"First Trimester Ultrasound"

March, 1999

American Institute of Ultrasound in Medicine, Meet the Professor,
San Antonio, TX

"Fetal Anomalies of the Central Nervous System"

March, 1999

American Institute of Ultrasound in Medicine, Categorical Course,
San Antonio, TX

"First Trimester Sonography of Multiple Gestations"

March, 1999

American Institute of Ultrasound in Medicine, San Antonio, TX
Film Panelist

March, 1999

New England Society of Ultrasound in Medicine, Boston, MA
"Sonography and Doppler of the Scrotum"

April, 1999

State of the Art Ultrasound, Atlanta, GA

"Fetal Anatomic Survey"

"Sonographic Technique for Fetal Survey: Live Demonstration"

"Fetal Thorax"

"Fetal Central Nervous System"

"Fetal Skeletal System"

"Doppler in Obstetrics: 1. Color"

Panelist: "Controversial Findings in Obstetrical Ultrasound"

"Ultrasound in the Diagnosis and Treatment of Infertility"

"Scrotal and Penile Ultrasound and Doppler"

"Technique of Sonohysterography: Live Demonstration"

May, 1999

Visiting Professor, New York Hospital — Cornell University
Medical Center, New York, NY

Case Conference

"Fetal Anatomic Survey"

July, 1999

State of the Art Ultrasound, Bermuda

"Multiple Gestations"

"Fetal Anatomic Survey"

"Fetal Thorax"

"Fetal Skeleton"

"Doppler in Obstetrics: 1. Color"

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"Fetal Central Nervous System"

Panelist: "Controversial Findings in Obstetrical Ultrasound"

"Ultrasound in the Diagnosis and Treatment of Infertility"

"Scrotal and Penile Ultrasound and Doppler"

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July, 1999

University of Pennsylvania 21st Annual Diagnostic Imaging Seminar, Martha's Vineyard, MA

"The Fetal Anatomic Survey: Standards for Practice of Obstetrical Ultrasound"

"First Trimester Ultrasound"

"The Fetal Abdomen"

"Ultrasound in the Diagnosis and Treatment of Infertility"

"Color Doppler in Obstetrical Ultrasound"

September, 1999

Advanced Seminars in Ultrasound Diagnosis, New York, NY

"The Fetal Anatomic Survey: Standards for Practice of Obstetrical Ultrasound"

"Ultrasound of the Fetal Thorax and Abdomen"

"Diagnosis and Treatment of Infertility"

October, 1999

Society of Radiologists in Ultrasound, Advances in Sonography 1999, Chicago, IL

"Ultrasound in the Diagnosis of Infertility"

November, 1999

Visiting Professor, MAHEC OB/Gyn Grand Rounds, Asheville, NC

"First Trimester Ultrasound"

Case Conference

January, 2000

Colorado Radiologic Society, Denver, CO

"Thyroid and Scrotal Ultrasound and Doppler"

January, 2000

Visiting Professor, University of Colorado, Denver, CO

Case Conference

March, 2000

State of the Art OB/Gyn Ultrasound, Dallas, TX

"Fetal Anatomic Survey"

"Fetal Skeleton and Thorax"

"Multiple Gestations"

"Color Doppler in Obstetrics"

"Ultrasound in the Diagnosis and Treatment of Infertility"

April, 2000

American Institute of Ultrasound in Medicine, Categorical Course, San Francisco, CA

"Complications of Multifetal Pregnancies: Sonographic Aspects"

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April, 2000	American Institute of Ultrasound in Medicine, Meet-the-Professor, San Francisco, CA "Fetal Anomalies of the Central Nervous System"	MEDIA5022
April, 2000	Visiting Professor, New York Hospital — Cornell University Medical Center, New York, NY Case Conference "First Trimester Ultrasound"	
May, 2000	Medical Society County of Orange Guest Lecturer, Newburgh, NY "First Trimester Ultrasound"	
May 2000	American Roentgen Ray Society, Categorical Course, Washington, DC "Sonography of Placenta, Membranes and Umbilical Cord"	
July 2000	Mexican Federation of Radiology, Annual Course, Acapulco, Mexico "First Trimester Ultrasound Including Ectopics" "Fetal Anomalies of the Thorax and Heart" "CNS and Skeletal Anomalies" "Fetal Anomalies of the GI and GU Tracts"	
September, 2000	Vascular Ultrasound: State of the Art: 2000, San Francisco, CA "Scrotal Ultrasound and Doppler" "Penile Doppler" "Color Doppler in Obstetrics" "Thyroid Ultrasound and Doppler"	
September, 2000	22 nd Annual LSU New Orleans Fall Radiology Conference, New Orleans, LA "Color Doppler in Obstetrics" "Thyroid and Parathyroid: Ultrasound and Biopsy" "Sonography of the External Male Genital Tract" "Ultrasound in the Diagnosis and Treatment of Infertility"	
September, 2000	Advanced Sonography Symposium in OB-GYN, Boston, MA "Central Nervous System Anomalies"	
October, 2000	New Jersey Radiologic Society, Somerset, NJ "Thyroid and Parathyroid Ultrasound and Biopsy" "Ultrasound in the Diagnosis and Treatment of Infertility" "Sonography of Multiple Gestations" "Sonography of Fetal Central Nervous System and Skeletal Anomalies"	

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"Fetal Anatomic Survey: Standards for Practice of Obstetrical
Ultrasound"

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October, 2000	Society of Radiologists in Ultrasound, Advances in Sonography 2000, Washington, DC "High Resolution Imaging of the Penis"
November, 2000	Advanced Ultrasound Techniques in Obstetrics and Gynecology, Phoenix, AZ "The Anatomic Survey: Standards for Practice" "Ultrasound in the Diagnosis and Treatment of Infertility"
November, 2000	Radiologic Society of North America, Refresher Course, Chicago, IL "Multiple Gestations"
January, 2001	Rheumatology Grand Rounds, Brigham and Women's Hospital, Boston, MA "Use of Ultrasound in the Musculoskeletal System"
February, 2001	ACR-Educational Seminar: OB-GYN Sonography, San Juan, PR "First Trimester Ultrasound (including Ectopics)" "Sonography of Multiple Gestations" "Placenta, Umbilical Cord, and Membranes"
March, 2001	American Institute of Ultrasound in Medicine, Meet-the-Professor, San Francisco, CA "Fetal Anomalies of the Central Nervous System"
March, 2001	World Class OB/Gyn Ultrasound, Las Vegas, NV "The Fetal Anatomic Survey" "Complications of Multifetal Pregnancies: Sonographic Aspects" "Fetal Anomalies of the Central Nervous System" "Ultrasound in the Diagnosis of Infertility"
April, 2001	5 th Annual Fetal & Women's Ultrasound 2001, Atlanta, GA "Ultrasound in the Diagnosis and Treatment of Infertility" Workshop: "Ultrasound in Menopause: Review and Scan Demonstration" "The Fetal Anatomic Survey: Standards for Practice of OB Ultrasound" "Placenta, Umbilical Cord and Membranes" "The Fetal Skeletal System" Video Case Review of Fetal Ultrasound

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May, 2001 Resident conference, Boston University Medical Center, Boston,
MA
"Ultrasound in the Diagnosis and Treatment of Infertility"
Case Conference

May, 2001 Visiting Professor, New York Hospital — Cornell University
Medical Center, New York, NY
Case Conference
"Placenta, Umbilical Cord, and Membranes"

October, 2001 30th Brazilian Congress of Radiology, Curitiba, Brazil
"Sonography and Doppler of the Penis"
"Sonography and Doppler of the Scrotum"
"Fetal Thoracic Anomalies"
"The Fetal Skeletal System"
"The Fetal Genitourinary Tract"
"Ultrasound in the Diagnosis and Treatment of Infertility"

November, 2001 4th Management in Radiology: Current Trends and Future
Priorities, Antwerp, Belgium
"Ultrasound PACS with Dynamic Clips for Improved Efficiency
and Diagnosis"

November, 2001 Perinatal/Neonatal Conference, Lansing, MI
"First Trimester Ultrasound"
"Multiple Gestations"

November, 2001 Radiologic Society of North America, Refresher Course, Chicago,
IL
"Multiple Gestations"

February, 2002 Twentieth Annual Practical Radiology Course, Whistler, British
Columbia, Canada
"First Trimester Ultrasound"

February, 2002 25th Annual Advanced Ultrasound Seminar, Wake Forest
University, Orlando, FL
"Fetal Thorax"
"Color Doppler in Obstetrics"
"Ultrasound in the Diagnosis and Treatment of Infertility"

March, 2002 American Institute of Ultrasound in Medicine, Just Images Course,
Nashville, TN
"Sonography and Doppler of the Scrotum"

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March, 2002	American Institute of Ultrasound in Medicine, Meet-the-Professor, Nashville, TN "Placenta, Umbilical Cord, and Membranes"	MEDIA5022
March, 2002	World Class OB/Gyn Ultrasound, Las Vegas, NV "The Fetal Anatomic Survey" "The Fetal Thorax and Heart" "Sonography of Multiple Gestations" "Ultrasound in the Diagnosis and Treatment of Infertility"	
May, 2002	25 th Annual Postgraduate Seminar in Diagnostic Ultrasound, Novi, MI "The Fetal Thorax and Heart" "The Fetal Abdomen" "Ultrasound of the Placenta, Umbilical Cord, and Membranes"	
May, 2002	Visiting Professor, New York Hospital — Cornell University Medical Center, New York, NY Case Conference "Sonography of Multiple Gestations"	
September, 2002	5 th Management in Radiology: Current Trends and Future Priorities, Paris, France "Interpretation of Ultrasounds from Multiple Sites via Digital Image and Realtime Clip Storage"	
October, 2002	Advanced Sonography Symposium in OB-GYN, Boston, MA "Fetal Thoracic Anomalies"	
November, 2002	American Medical Association Press Conference on Medical Imaging "Advances in Women's and Fetal Imaging"	
February, 2003	Sociedad Mexicana de Radiologia e Imagen XXXVII Annual Course of Radiology and Imaging, Mexico City, Mexico "Sonography of Fetal Anomalies: The Fetal Central Nervous System and Face" "First Trimester Excluding Ectopic Pregnancy" "Color Doppler in Obstetrical Ultrasound"	
February, 2003	Twenty-First Annual Practical Radiology Course, Whistler, British Columbia, Canada "The Fetal Anatomic Survey"	
February, 2003	University of Pennsylvania School of Medicine Cross-Sectional Imaging, St. John, US Virgin Islands	

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"Thyroid and Parathyroid Ultrasound and Biopsy"
 "First Trimester Pregnancy"
 "The Fetal Abdomen"
 "Multiple Gestations"

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May, 2003	Visiting Professor, New York Hospital — Cornell University Medical Center, New York, NY Case Conference "Placenta, Cord and Membranes"
June, 2003	10 th Congress of the World Federation for Ultrasound in Medicine and Biology, Montreal, Canada WFUMB/AIUM Precongress Course "The Thorax: Noncardiac Conditions" Symposium: Invasive Fetal Surgery "Fetal Cardiac Surgery and the EXIT Procedure"
June, 2003	Prenatal Cardiac Interventions, the First International Symposium Focusing on Prenatal Therapeutic Cardiac Interventions, Boston, MA "Ultrasound Guidance for Access for Intervention"
September, 2003	49th Argentine Congress of Radiology organized by the Sociedad Argentina de Radiologia and the Federacion Argentina de Asociaciones de Radiologia, Diagnosticopor Imagenes y Terapia Radiante, Buenos Aires, Argentina "Ultrasound in the Diagnosis and Treatment of Infertility" "Central Nervous System" "Multiple Gestations" "Fetal Thorax" "Fetal Abdomen"
October, 2003	Advances In Clinical Sonography:2003, Houston, TX "Sonography of the Fetal Heart" "Fetal Interventional Procedures" "Ultrasound in the Diagnosis and Treatment of Infertility" "Sonography of the Placenta, Umbilical Cord and Membranes" "Markers for the Genetic Sonogram"
October, 2003	Society of Radiologists in Ultrasound, Advances in Sonography 2003, Chicago, IL "Advanced Fetal Therapy"
December, 2003	Radiologic Society of North America, Chicago, IL Special Focus Session: Women's Ultrasound Imaging Program Director and Moderator

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January, 2004	University of Maryland, Baltimore, MD Grand Rounds "Sonography of Multiple Gestations" Resident Case Teaching Conference Resident Teaching Conference "Fetal Anomalies of the Central Nervous System"	MEDIA5022
March, 2004	Fetal and Women's Ultrasound 2004, Atlanta, GA "The Fetal Anatomic Survey: Standards for Practice of OB Ultrasound" "The Fetal Thorax" "Sonography of Multiple Gestations" "Ultrasound in the Diagnosis and Treatment of Infertility" "Fetal Interventional Procedures"	
March, 2004	OB/Gyn and Abdominal Sonography Update, San Francisco, CA "First Trimester Ultrasound" "The Fetal Abdomen" "Placenta, Umbilical Cord and Membranes" "Thyroid and Parathyroid: When and What to Biopsy"	
March, 2004	University of Mississippi Sonic Symposium, Biloxi, Mississippi "Fetal Anatomic Survey: Standards for Practice of Obstetrical Ultrasound" "Thyroid and Parathyroid Ultrasound: What and When to Biopsy"	
April, 2004	World Class Ultrasound, Advances in OB/GYN Ultrasound, Las Vegas, NV "Sonography of Multiple Gestations" "Fetal Interventional Procedures—Cardiac Surgery and the EXIT Procedure" "Ultrasound in the Diagnosis and Treatment of Infertility" "Putting it all Together—Interesting and Unusual OB/GYN Ultrasound Cases"	
April, 2004	Los Angeles Radiologic Society, Los Angeles, CA "The Fetal Anatomic Survey" "Fetal Abdomen" "Color Doppler in Obstetrics" "Ultrasound in the Treatment and Diagnosis of Infertility"	
May, 2004	Visiting Professor, New York Hospital — Cornell University Medical Center, New York, NY Case Conference "Multiple Gestations"	

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May, 2004 Guadalajara's 2004 Radiology Course, Guadalajara, Mexico
 "Placenta, Umbilical Cord, and Membranes"
 "Sonography of Fetal Anomalies: Thorax and Heart"
 "Sonography of Fetal Anomalies: Abdomen (GI and GU)"
 "Ultrasound in the Diagnosis and Treatment of Infertility"
 "Sonography and Doppler of the Scrotum"

June, 2004 American Institute of Ultrasound in Medicine, Phoenix, AZ
 Preconvention course
 "Ultrasound in the Diagnosis and Treatment of Infertility"
 Meet-the-Professor session
 "Thyroid and Parathyroid Ultrasound and Biopsy"
 Categorical Course on Fetal Echocardiology
 "Fetal Cardiac Interventional Procedures"

July, 2004 Mexican Federation of Radiology and Imaging, 23rd International
 Congress of Ultrasound, Acapulco, Mexico
 "Color Doppler in Obstetrical Ultrasound"
 "Ultrasound in the Diagnosis and Treatment of Infertility"
 "Sonography and Doppler of the Scrotum"
 "Thyroid and Parathyroid Ultrasound"

September, 2004 Johns Hopkins Diagnostic Ultrasound in Obstetrics and
 Gynecology and Abdomen Conference, Baltimore, MD
 "Multiple Gestations"
 "Fetal Skeletal System"
 "Fetal Interventional Procedures including Cardiac and EXIT"

October, 2004 Advanced Sonography Symposium in OB-GYN, Boston, MA
 Moderator
 "Multiple Gestations"
 "State-of-the-Art Fetal Intervention including Fetal heart Surgery
 and EXIT Procedure"

October, 2004 Society of Radiologists in Ultrasound, Washington, DC,
 "Fetal Thorax"
 "Fetal Skeletal System"
 "Ultrasound in the Diagnosis and Treatment of Infertility"

November, 2004 Emerson Hospital, Concord, MA
 "Diagnosis of Fetal Anomalies"

November, 2004 Radiologic Society of North America, Categorical Course,
 Chicago, IL
 "Early Fetal Assessment of Anatomy"

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December, 2004 World Class Radiology, National Diagnostic Imaging Symposium,
Orlando, FL
"The Fetal Thorax"
"Thyroid and Parathyroid Ultrasound: When and What to Biopsy"

January, 2005 World Class OB/GYN Ultrasound, San Antonio, TX
"Fetal Interventional Procedures Including Cardiac Surgery and the
EXIT Procedure"
"Fetal GU tract"
"Color Doppler in Obstetrical Ultrasound"

February, 2005 Twenty-Third Annual Practical Radiology Course, Whistler,
British Columbia, Canada
"Placenta, Cord & Membranes"

April, 2005 Advances in Fetal Care, Boston, MA
Panel: "Fetal Cardiac Intervention"

May, 2005 28th Annual Postgraduate Seminar in Diagnostic Ultrasound, Novi,
MI
"First Trimester Ultrasound"
"Placenta, Cord and Membranes"
"Fetal Anomalies of the Central Nervous System and Face"
"Multiple Gestations"

May, 2005 Visiting Professor, New York Hospital — Cornell University
Medical Center, New York, NY
Case Conference
"First Trimester Ultrasound"

June, 2005 American Institute of Ultrasound in Medicine, Orlando, FL
Preconvention course
"Prenatal Interventions for Congenital Heart Disease-State of the
Art"
Meet-the-Professor session
"Sonography of Multiple Gestations"

September, 2005 Fetal and Women's Imaging 2005, Seattle, WA
"Ultrasound in the Diagnosis and Treatment of Infertility"
"The Fetal Skeletal System"
"Fetal Interventional Procedures, Including Cardiac Surgery and
the EXIT Procedure"

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September, 2005	15 th World Congress of the International Society of Ultrasound in Obstetrics and Gynecology, Vancouver, BC, Canada "Development in Dilations of Cardiac Valves"
October, 2005	8th European Scientific Congress on Management in Radiology, Current Trends and Future Priorities, Copenhagen, Denmark "Does Hands-On Obstetrical Ultrasound Training improve performance on the Radiology Oral Boards?"
November, 2005	Advanced Ultrasound Techniques in Obstetrics and Gynecology, Phoenix, AZ "Multiple Gestations" "Ultrasound in the Diagnosis and Treatment of Infertility" "Color Doppler in Obstetrical Ultrasound"
November, 2005	Radiologic Society of North America, Categorical Course, Chicago, IL "Early Fetal Assessment of Anatomy"
March, 2006	World Class Ultrasound, Advances in OB/GYN Ultrasound, Las Vegas, NV "Color Doppler in Obstetrics" "Fetal Thoracic Anomalies and Interventional Procedures" "Fetal Skeletal System"
March, 2006	American Institute of Ultrasound in Medicine, Washington, DC Meet-the-Professor session "Sonography of Multiple Gestations"
May, 2006	Visiting Professor and Grand Rounds Speaker, New York Hospital - Cornell University Medical Center, New York, NY Case Conference "First Trimester Ultrasound"
May, 2006	World Federation of Ultrasound in Medicine and Biology 2006, Seoul, Korea "Fetal Thoracic Anomalies" "Color Doppler in Obstetrical Ultrasound" "Ultrasound in the Diagnosis and Treatment of Infertility" Moderator: Gynecologic Ultrasound Session
June, 2006	Los Angeles Radiologic Society, Los Angeles, CA "Ultrasound in the Diagnosis and Treatment of Infertility" "Thyroid and Parathyroid Ultrasound: When and What to Biopsy" "Fetal Heart" "Fetal Abdomen: GI and GU tracts"

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October, 2006 Advanced Sonography Symposium in OB-GYN, Boston, MA
 "Fetal Cardiac Interventions – Latest Information"
 Moderator

October, 2006 Society of Radiologists in Ultrasound Annual Meeting, San
 Francisco, CA
 "Fetal Interventional Procedures"
 Moderator – Obstetrical Ultrasound session

November, 2006 Radiologic Society of North America, Categorical Course,
 Chicago, IL
 "Early Fetal Assessment of Anatomy"

December, 2006 National Diagnostic Imaging Symposium, Lake Buena Vista, FL
 "First Trimester Evaluation of Fetal Anatomy"
 "Fetal Interventional Procedures Including Cardiac Surgery and the
 EXIT Procedure"

January, 2007 World Class OB-Gyn Ultrasound 2007, San Antonio, Texas
 "Fetal Abdomen"
 "Fetal Skeleton"
 "Fetal Interventional Procedure Including Cardiac Surgery and the
 EXIT Procedure"

February, 2007 30th Annual Advanced Ultrasound Seminar, Orlando, FL
 "Sonography of Multiple Gestations"
 "Color Doppler in Obstetrics"
 "Fetal Interventional Procedure Including Cardiac Surgery and the
 EXIT Procedure"

March, 2007 American Institute of Ultrasound in Medicine, New York, NY
 Meet-the-Professor session
 "Sonography of Multiple Gestations"

March, 2007 New York Roentgen Society, New York, NY
 Visiting Lecturer
 "Sonography of Multiple Gestations"

April, 2007 Practical Applications of New Imaging Techniques, Paris, France
 "First Trimester Fetal Anatomy (and Pathology)"
 "Ultrasound Evaluation of Infertility"
 "Thyroid Ultrasound and Biopsy"

April 2007 Visiting Professor and Grand Rounds Speaker, New York Hospital
 - Cornell University Medical Center, New York, NY

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Case Conference
 "First Trimester Fetal Anatomy"

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May, 2007	Fetal and Women's Ultrasound, Dallas, TX "Fetal Thorax" "Placenta, Umbilical Cord, and Membranes" "Fetal Anatomic Survey" "Ultrasound for Infertility"
September, 2007	Mexican Society of Radiology, Mexico City, Mexico "Color Doppler for Fetal Anomalies" "Sonography of Multiple Gestations" "Fetal Thorax and Heart" "Fetal Abdomen"
September, 2007	Fetal and Women's Imaging 2007, Seattle, WA "Sonography of Multiple Gestations" "Fetal Thorax" "Fetal Skeletal System"
October, 2007	New York University Women's Imaging, Manchester, VT "Fetal Anatomic Survey" "First Trimester Sonography"
October, 2007	Society of Radiologists in Ultrasound, Chicago, IL Moderator "Fetal Thorax"
November, 2007	Radiologic Society of North America, Categorical Course, Chicago, IL "Essentials in Radiology: Obstetrical Ultrasound"
December, 2007	Visiting Professor, Lahey Clinic, Burlington, MA "Placenta, Umbilical Cord, and Membranes" Case conference
March, 2008	Visiting Professor, University of New Mexico, Albuquerque, NM
March, 2008	American Institute of Ultrasound in Medicine, San Diego, CA Meet-the-Professor session "Diagnosis of Fetal Cardiac Anomalies" Categorical Course "How to Improve the Efficiency and Productivity of Your Obstetrics and Gynecology Practice: Opinions from the Experts, Including Thoughts on the Advanced Practice Sonographer –

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Education and How it Works in a Radiology Practice"
Faculty Panel

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April 2008 Visiting Professor, University of Massachusetts Medical Center,
Worcester, MA
Case Conference

April 2008 Hungarian Ultrasound Oncology Symposium, Budapest, Hungary
"Ovarian Masses: Role of Ultrasound"

May 2008 Grand Rounds Speaker for Department of Obstetrics and
Gynecology, Lenox Hill Hospital, New York, NY
"Fetal Heart Anomalies and Interventions"

May, 2008 Visiting Professor, Yale University, New Haven, CT
Grand Rounds Lecture "Sonography of Multiple Gestations"
Case conference

May, 2008 Visiting Professor and Grand Rounds Speaker, New York Hospital
- Cornell University Medical Center, New York, NY
Case Conference

October, 2008 Advanced Sonography Symposium in OB-GYN, Boston, MA
Panelist: Ultrasound Game Show
Moderator
"Fetal Skeletal System"

October, 2008 The Best of the Big Apple: OB-GYN Ultrasound 2008, New York,
NY
"The Early Pregnancy, Gyn or OB?"
"Am I Able to do the Basic Ultrasound Examination for My
Infertility Patient?"
"Sonographically-Guided Procedures in Obstetrics: Is it Time"

October, 2008 Society of Radiologists in Ultrasound, Philadelphia, PA
Moderator: "Controversies in Women's Imaging"
"How Should Low Placenta Be Reported? Low-Lying? Marginal
Previa? Partial Previa?"
Moderator: "Ultrasound for Emergencies"
"Second and Third Trimester Emergency Ultrasound"

December, 2008 Radiologic Society of North America, Chicago, IL
"The 10 - 14-Week Scan: An Update"

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December, 2008	National Diagnostic Imaging Symposium, Orlando, FL "Fetal Thorax" "Fetal Heart including Interventions"	MEDIA5022
December, 2008	Grand Rounds, Children's Hospital, Department of Radiology, Boston, MA "Thyroid Ultrasound and Biopsy"	
January, 2009	World Class OB-Gyn Ultrasound 2009, San Antonio, Texas "Ultrasound in Diagnosis and Treatment of Infertility" "The Fetal Thorax" "The Fetal Anatomic Survey"	
March, 2009	New England Roentgen Ray Society, Boston, MA "First Trimester Fetal Anomalies"	
March, 2009	Radimagem, Porto Alegre, Brazil "Sonography of Multiple Gestations" "The Fetal Anatomic Survey" "First Trimester Ultrasound" "Color Doppler in Obstetrics" "Ultrasound in the Diagnosis and Treatment of Infertility" "Ovarian Masses: Role of Ultrasound"	
April, 2009	American Roentgen Ray Society, Boston, MA "Fetal Survey"	
May, 2009	Visiting Professor and Grand Rounds Speaker, Tufts University, Boston, MA "Fetal Support Structures" Case conference	
July, 2009	Annual Cross Sectional Imaging Conference, University of Pennsylvania Department of Radiology, Martha's Vineyard, MA "Ovarian Masses: The Role of Ultrasound" "First Trimester of Pregnancy" "Second and Third Trimester Emergency Ultrasound" "The Fetal Heart and Thorax" "Sonography and Doppler of the Scrotum"	
September, 2009	Lehigh Valley Ultrasound Conference, Allentown, PA "Ultrasound for Diagnosing Gynecologic Malignancies" "Ultrasound in the Diagnosis and Treatment of Infertility"	
November, 2009	University of Miami, Endocrinology Grand Rounds, Miami, FL "Thyroid Ultrasound and Biopsy"	

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December, 2009	Radiologic Society of North America, Chicago, IL Categorical Courses Moderator: "Ultrasound in Oncology: Applications and Pitfalls" "Gynecologic Tumors" Moderator: "Obstetrical Ultrasound" "The 10-14 Week Sonogram"	MEDIA5022
January, 2010	Harlem Hospital Invited Lecture "Fetal Central Nervous System Anomalies"	
January, 2010	Columbia University Radiology Grand Rounds and Visiting Professor, New York, NY Resident case conference "Emergency Obstetrical Ultrasound, Second and Third Trimester" "Fetal Skeletal System"	
January, 2010	22nd Annual International Symposium on Endovascular Therapy (ISET), Symposium on Noninvasive Vascular Diagnosis, Miami, FL "Doppler Assessment of the Renal Arteries: Accuracy, Pitfalls and Interpretation" "Evaluation of Mesenteric Vessels: Portal Vein, SMA and TIPS" "Interesting Case Reviews: Visceral Vascular Disease"	
February, 2010	13th Annual Women's Imaging: Advances in Gynaecologic Imaging and First Trimester Ultrasound, Toronto, ON, Canada "Ultrasound in the Diagnosis and Treatment of Infertility" "Ovarian Masses: Role of Ultrasound" Workshop: "First Trimester Fetal Anatomy" Debate re Infertility Treatments	
March, 2010	American Institute of Ultrasound in Medicine, Preconvention Course, San Diego, CA "What is in the Chest Besides the Heart?"	
April, 2010	Brown University Visiting Professor, Providence RI Case Conference	
April, 2010	Yale University Visiting Professor, New Haven, CT Case Conference	
April, 2010	Norwalk Hospital Visiting Professor, Norwalk, CT Case Conference	

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April, 2010	New York Hospital – Weill Medical School Visiting Professor, New York, NY Case Conference	MEDIA5022
April, 2010	Thomas Jefferson University Visiting Professor, Philadelphia, PA Case Conference	
April, 2010	University of Pennsylvania Visiting Professor, Philadelphia, PA Case Conference	
May, 2010	Oregon Health & Science University Visiting Professor, Portland, OR Case Conference	
May, 2010	Sacred Heart Medical Center Visiting Professor, Spokane, WA “Emergency Obstetrical Ultrasound in the Second and Third Trimesters” Case Conference	
June, 2010	University of Minnesota Visiting Professor, Minneapolis, MN Case Conference	
June, 2010	Mayo Clinic Visiting Professor, Rochester, MN “Sonography of Multiple Gestations”	
June, 2010	University of Wisconsin Visiting Professor, Madison, WI “Fetal Central Nervous System”	
June, 2010	University of Chicago Visiting Professor, Chicago, IL “Fetal Anatomic Survey”	
October, 2010	Society of Radiologists in Ultrasound, Las Vegas, NV "Liver Doppler"	
November, 2010	The Best of the Big Apple: OB-GYN Ultrasound 2010, New York, NY “Is There a Place for US Guided Needle Procedures in GYN” “Ultrasound of the Fetal Kidneys, Ureters, and Bladder” “Interventional Ultrasound of the Fetus: Current State of the Art”	
November, 2010	13th Annual Mid-Atlantic Ultrasound Symposium in Obstetrics and Gynecology, Norfolk, VA “The Fetal Anatomic Survey: Standards for Practice of Obstetrical Ultrasound” “Placenta, Umbilical Cord and Membranes” “Ultrasound in the Diagnosis and Treatment of Infertility”	

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November, 2010	<p>Radiologic Society of North America, Chicago, IL Categorical Courses Moderator: "Ultrasound in Oncology: Applications and Pitfalls" "Gynecologic Tumors" "Mistakes to Avoid in Second and Third Trimester Ultrasound"</p>	MEDIA5022
January, 2011	<p>23rd Annual International Symposium on Endovascular Therapy (ISET), Symposium on Noninvasive Vascular Diagnosis, Miami, FL "Celiac Artery and SMA Duplex: How Good is it and When to use Duplex vs. MR and CT" "Portal Venous and Mesenteric Venous Disease" "Interesting Case Presentations: Abdominal and Visceral Duplex"</p>	
March, 2011	<p>17th Annual Steamboat 2011: Clinical Ultrasound, Steamboat, CO "First Trimester Ultrasound" "Fetal Heart" "Second and Third Trimester Emergency Ultrasound" "Fetal Abdomen"</p>	
April, 2011	<p>Norwalk Hospital Visiting Professor, Norwalk, CT Case Conference</p>	
April, 2011	<p>New York Hospital – Weill Medical School Visiting Professor, New York, NY Case Conference</p>	
April, 2011	<p>Preconvention Course on Fetal Anomalies, American Institute of Ultrasound in Medicine, New York, NY "Unknown Case 7"</p>	
September, 2011	<p>Fetal and Women's Imaging, World Class CME, Seattle, WA "Assessment of Fetal Anatomy in the First Trimester" "Ultrasound of the Ovary" "Fetal Interventional Procedures, Including Cardiac Surgery and the EXIT Procedure"</p>	
September, 2011	<p>International Society of Obstetrics and Gynecology, Los Angeles, CA Moderator: Miscarriage Session "How do we define miscarriage using ultrasound?" Moderator : Gynecologic case presentations "Tips and Tricks in Ultrasound: How to Organize your Database"</p>	

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October, 2011 Dalhousie University, Halifax, NS, Canada
J. Stewart Manchester Lecturer: "The Fetal Anatomic Survey"

October, 2011 Nova Scotia Association of Radiologists Meeting, Halifax, NS,
Canada
"Fetal Central Nervous System"
"Fetal Thorax and Abdomen"
"Ovarian Masses: Role of Ultrasound"
Resident case conference

October, 2011 Society of Radiologists in Ultrasound
"Postmenopausal Bleeding Consensus Conference 2000: Where
are we now"

November, 2011 National Conference on OB-GYN Ultrasound, Chicago, IL
"Twins and Multiple Gestations"
"Fetal Abdomen: GI and GU Assessment"
"Fetal Skeletal System"
"Second and Third Trimester Emergency Ultrasound"

November, 2011 Maternal-Fetal-Medicine Fellows Retreat, New York, NY
"How to Organize a Database of Ultrasound Images and
PowerPoint Tips"

November, 2011 Radiologic Society of North America, Chicago, IL
Categorical Courses
Moderator: "Ultrasound in Oncology: Applications and Pitfalls"
"Gynecologic Tumors"
"Mistakes to Avoid in Second and Third Trimester Ultrasound"
"Acute Pelvic Pain, Pregnancy Related Causes including Ectopic
Pregnancy"
"Ultrasound Case Based Review Course: Obstetrical Ultrasound"

January, 2012 Visiting Professor, University of Toronto, Toronto, Ontario,
Canada
"Mistakes to Avoid in Second and Third Trimester Obstetrical
Ultrasound"
Resident teaching conference
"Fetal Anomalies of the Central Nervous System and Face"
"Fetal Interventional Procedures: Including Cardiac Surgery and
the EXIT Procedure"

January, 2012 Visiting Professor, McMaster University, Hamilton, Ontario,
Canada
"Mistakes to Avoid in Second and Third Trimester Obstetrical
Ultrasound"

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“ Ovarian Masses: Role of Ultrasound”
Resident teaching conference
“The Fetal Thorax and Heart”

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January, 2012 24nd Annual International Symposium on Endovascular Therapy (ISET), Symposium on Noninvasive Vascular Diagnosis, Miami, FL
“SMA & Celiac Evaluation with Duplex: Diagnostic Criteria and Interpretation”
“Renal Artery Duplex: Diagnostic Criteria and Accuracy”
Panel Discussion: “Controversies in Venous Testing: CCSVI, Overutilization of Venous Duplex, Accuracy of Exams and Follow-up Protocols”

January , 2012 Medical Society of the National Medical Center of the Social Security, Mexico City, Mexico
“Ultrasound of Ovarian Masses”
“First Trimester Fetal Anatomy”
“Second and Third Trimester Emergency Ultrasound”
“Fetal Anatomic Survey”

March 2012 European Congress of Radiology, Vienna, Austria
“Volume Imaging in Obstetrics and Gynecology”

March 2012 Visiting Professor, Tufts University, Boston, MA
Case Conference
“Placenta, Umbilical Cord, and Membranes”

March 2012 Ultrasound 2012: Pearls and Pitfalls, Naples, FL
“First Trimester Ultrasound (excluding ectopic pregnancy)”
“Sonography of Multiple Gestations”
“Ultrasound in the Diagnosis and Treatment of Infertility”
“Ovarian Masses: Role of Ultrasound”
“Fetal Skeletal System”
“Fetal Central Nervous System”
“The Fetal Abdomen (excluding GU)”
“The Fetal Thorax”

March 2012 American Institute of Ultrasound in Medicine, Phoenix, AZ
Ultrasound Cases: Fetal Anomalies
Film Panelist

April 2012 New York Hospital – Weill Medical School Visiting Professor, New York, NY
Case Conference
“Sonography of Multiple Gestations”

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April 2012 American Roentgen Ray Society, Vancouver, BC, Canada
"Pitfalls in Thyroid and Parathyroid Sonography" MEDIA5022

June 2012 St Luke's International Hospital, Tokyo, Japan
"Fetal Cardiac Interventional Procedures"

August 2012 Colombian Congress of Radiology 2012, Cartagena, Colombia
"Assessment of First Trimester Fetal Anatomy"
"Second and Third Trimester Emergency Ultrasound"
"Ultrasound in the Diagnosis and Treatment of Infertility"
"Ultrasound of Gynecologic Malignancies"

August 2012 Colombian Congress of Radiology 2012, Cartagena, Colombia
Plenary Speaker
"Thyroid and Parathyroid Ultrasound: When and What to Biopsy"

September 2012 Lehigh Valley Ultrasound Conference, Allentown, PA
"Ultrasound of the Ovary"
"First Trimester Ultrasound"

September 2012 National Conference on OB-GYN Ultrasound, Chicago, IL
"Pregnancy Support Structures: Placenta, cord, and membranes"
"The Latest in Evaluating the Fetal Skeletal System"
"The Fetal Abdomen: GI & GU Assessment"
"Ultrasound Guided Interventional procedures in Obstetrics"
"Interesting Cases"

October 2012 Society of Radiologists in Ultrasound, Baltimore, MD
"The Fetal Skeletal System"

November 2012 Radiologic Society of North America, Chicago, IL
Refresher Course
"Mistakes to Avoid in Second and Third Trimester Ultrasound"
"Ectopic Pregnancy"

January, 2013 25nd Annual International Symposium on Endovascular Therapy (ISET), Symposium on Noninvasive Vascular Diagnosis, Miami, FL
Panelist: Consensus Panel on Screening: Carotids, Arterial Lower Extremity and AAA
"Duplex for AAA Evaluation and Endoleak Diagnosis: Is it Ready for Primetime?"
"Interactive Challenging Cases in Mesenteric and Renal Duplex Exams"
"Case Presentations: Interpreting Upper Extremity Venous Exams"

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February 2013	Michigan State University Radiology, Lansing, MI Atis K. Freimanis Visiting Professor “First Trimester Ultrasound” “3D Ultrasound in Obstetrics and Gynecology” Case Conference	MEDIA5022
March 2013	North Shore Long Island Jewish Health System, Manhasset, NY “Fetal Thorax and Abdomen” “Second and Third Trimester Emergency Ultrasound” Case Conference	
April 2013	New York Hospital – Weill Medical School Visiting Professor, New York, NY Case Conference “Placenta, Umbilical Cord, and Membranes”	
May 2013	Leading Edge, Atlantic City, NJ “First Trimester Ultrasound (Excluding Ectopic Pregnancy)” “The Fetal Abdomen (GI and GU)” “Fetal Interventional Procedures: Including Cardiac Surgery And The EXIT Procedure” “Mistakes To Avoid In 2 nd And 3 rd Trimester Obstetrical Ultrasound”	
July 2013	Mexican Federation of Radiology Annual ultrasound meeting, Cancun, Mexico “Fetal Anatomic Survey” “Fetal Genitourinary Tract” “Emergency Ultrasound in the Second and Third Trimesters of Pregnancy” “Mistakes to Avoid in the Second and Third Trimesters” Live Demonstration and Workshop: “3D and 4D Ultrasound”	
September 2013	European Society of Urogenital Radiology, Obstetrical Ultrasound Course, Istanbul, Turkey “The Fetal Thorax” “The Fetal Gastrointestinal Tract and Gastrointestinal Tract Anomalies” “Sonography of Multiple Gestations” “3D Ultrasound in Obstetrics” Live Demonstration: “3D Ultrasound in Obstetrics” Case Presentation	
September 2013	John Evans Invited Lecturer, Department of Radiology, Weill Medical College of Cornell University, New York, NY “Recent Developments in Obstetrical Ultrasound”	

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October 2013	Society of Radiologists in Ultrasound, Chicago IL "Ultrasound of the Scrotum"	MEDIA5022
November 2013	American Institute of Ultrasound in Medicine Postgraduate Course Pelvic Ultrasound: Solving Gynecologic Problems with Imaging, Orlando, FL "Diagnosis and Treatment of Infertility" "Ultrasound Guided Procedures in Gynecology"	
December 2013	Radiologic Society of North America, Chicago, IL Refresher Course "The Fetus in the First Trimester"	
February 2014	37th Annual Advanced Ultrasound Seminar, Orlando, FL "Assessment of Fetal Anatomy in the First Trimester" "3D Ultrasound in Obstetrics" "Fetal Interventional Procedures"	
March 2014	AUA Consensus Panel on the Diagnosis and Best Classification of Fetal and Neonatal Renal Dilatation with Correlation to Postnatal Outcomes, Washington, DC Facilitator and Panelist "Prenatal Reporting of Fetal Hydronephrosis: Current Practices"	
March 2014	American Institute of Ultrasound in Medicine Annual Meeting, Special Interest Session, Las Vegas, NV "Intrauterine Pregnancies of Uncertain Viability: Diagnosis of Pregnancy Failure"	
April 2014	Ultrafest 2014, Maharashtra State Branch of Indian Radiological and Imaging Association, Mumbai, India "Skeletal Dysplasia" "Gastrointestinal Anomalies" "Thoracic Anomalies of the Fetal Chest"	
July 2014	Federacion Mexicana de Radiologia E Imagen A. C., Cancun, Mexico "Assessment of Fetal Anatomy in the First Trimester" "Sonography of Fetal Anomalies of the Fetal Central Nervous System and Face" "Fetal Thorax and Abdomen" "Ovarian Masses" Live Demonstration and Workshop: "3D and 4D Ultrasound"	

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October 2014	Advanced Sonography Symposium in OB/GYN, Boston, MA Moderator “Cardiac interventions in utero” “The Fetal CNS and Face”	MEDIA5022
October 2014	Society of Radiologists in Ultrasound Annual Meeting, Denver, CO “The First Trimester: An Update” “The Fetal Thorax”	
October 2014	Federacion Mexicana de Radiologia E Imagen, XXVI Congreso Nacional Mérida, Mexico “Multiple Gestations”	
December 2014	Radiologic Society of North America, Chicago, IL Refresher Course “Second and Third Trimester Emergency Obstetrical Ultrasound”	
March 2015	American Institute of Ultrasound in Medicine, Orlando, FL Preconvention Course: “Intrauterine Pregnancies of Uncertain Viability: Diagnosis of Pregnancy Failure” Preconvention Course: “GU: Top Five "Do Not Miss" Diagnoses” Annual Meeting: “NICHD Guidelines for Obstetrical Ultrasound”	
May 2015	Los Angeles Radiologic Society, Los Angeles, CA “Mistakes to Avoid in Second and Third Trimester Obstetrical Ultrasound” “Sonography of Multiple Gestations” “The Fetal Central Nervous System and Face” “The Fetal Thorax and Abdomen”	
June, 2015	Medical Society of the National Medical Center, Ultrasound Congress, Puerto Vallarta, Mexico “First Trimester Including Ectopic Pregnancy” “Sonography of Multiple Gestations” “Placenta, Umbilical Cord and Membranes” “Ultrasound of Gynecologic Malignancies” “Sonography and Doppler of the Scrotum”	
July 2015	Federacion Mexicana de Radiologia E Imagen A. C., Cancun, Mexico “3D Ultrasound in Gynecology” “Ultrasound in Diagnosis and Treatment of Infertility” “First Trimester Including Ectopic Pregnancy” “The Fetal Heart”	

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September 2015	Fetal and Women's Imaging Course, Seattle, WA "Fetal Abdomen: Everything but the Kidneys" "Fetal Skeletal Anomalies" "Assessment of Fetal Anatomy in the 1st Trimester" "Infertility: Ultrasound's Role in Diagnosis and Treatment"	MEDIA5022
October, 2015	Society of Radiologists in Ultrasound, Chicago, IL "Fetal Thorax"	
December 2015	Radiologic Society of North America, Chicago, IL Refresher Course "Mid-Late First Trimester Ultrasound"	
March 2016	American Institute of Ultrasound in Medicine, Las Vegas, NV "Early Pregnancy Miscarriage" "Just Images: Fetal MSK, The Spine and Long Bones"	
April 2016	Multi Modality Gynecological and Obstetric Imaging 2016, Ottawa, Ontario, Canada "3D Ultrasound in Obstetrics and Gynecology" "Intrauterine pregnancies of uncertain viability: Diagnosis of pregnancy failure" "Mistakes to Avoid in the Second and Third Trimester" Panel: Fetal Soft Markers: What's the next step?"	
July 2016	Medical Society of the National Medical Center, Ultrasound Congress, Puerto Vallarta, Mexico Select topics	
November 2016	The Best of the Big Apple: OB-GYN Ultrasound 2016, New York, NY Select topics	

Report of Clinical Activities

Clinical Practice

I am a radiologist who subspecializes in ultrasound. My practice includes direct patient care four days per week in one of three areas of ultrasound at the Brigham and Women's Hospital: L-1 Ultrasound (in Radiology), High Risk Obstetrical Ultrasound, and the Noninvasive Vascular Laboratory. In all three units, we have state-of-the-art equipment and perform high level diagnostic studies and cutting edge procedures.

L-1 Ultrasound is a busy, ten-room facility within the Radiology Department, servicing both inpatients and outpatients. Over 150 scans are done each day, including a wide

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variety of diagnostic sonograms, such as abdominal, renal, neonatal intracranial, thyroid, scrotal, and prostatic ultrasound, as well as obstetrical and gynecologic scans. Many invasive procedures are also performed here, including renal, renal transplant, prostate, liver, and thyroid biopsies, as well as aspirations and drainages of various fluid collections.

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High Risk Obstetrical Ultrasound is a six-room facility in the Antenatal Diagnostic Center, with a daily volume of over 75 obstetrical ultrasounds. The unit is a referral center for patients from throughout New England for fetal and obstetrical problems. Scans performed include first, second, and third trimester obstetrical sonograms, multiple gestations, and biophysical profiles. A large volume of procedures are performed, including amniocenteses, percutaneous umbilical blood samplings, chorionic villous samplings, multifetal pregnancy reductions, and fetal interventional procedures.

The Noninvasive Vascular Laboratory performs approximately 50 studies per day, including evaluations of the carotid arteries, lower extremity arterial bypass grafts, and upper and lower extremity veins.

Patient Load

Over the course of a year, I perform and interpret approximately 9000 sonograms and sonographically guided procedures.

Clinical Contributions at Brigham and Women's Hospital

As Director of the Division of Ultrasound and Co-Director of High Risk Obstetrical Ultrasound, I am responsible for establishing policies, updating and maintaining clinical protocols, selecting equipment, and managing approximately 20 physicians and sonographers.

In 1986, I started prostate ultrasound and ultrasound-guided prostate biopsies at the Brigham and Women's Hospital. Working in conjunction with the urologists, we now perform more than 300 prostate biopsies per year.

In 1987, I worked with a urologist to develop the use of ultrasound and Doppler to diagnose hemodynamic causes of erectile dysfunction. This noninvasive procedure ultimately replaced angiography for evaluation of organic causes of impotence.

In 1995, I founded the Thyroid Nodule Clinic with Dr. Reed Larsen of the Thyroid Division of Medicine. This clinic is staffed jointly by Radiology and Endocrinology. Patients with diagnosed or suspected thyroid nodular disease are referred to the Thyroid Nodule Clinic for ultrasound, endocrinologic consult, and, when needed, thyroid nodule biopsy. In the first year, we saw over 200 patients. The Clinic has been a major success, and we currently see more than 1000 patients and perform more than 600 ultrasound-guided thyroid biopsies per year.

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In 1998, the High Risk Obstetrical Ultrasound Unit was recognized for its important clinical contributions at the Brigham and Women's Hospital with the Partners in Excellence Award.

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In the fall of 1999, I spearheaded the project of converting image acquisition in the division of ultrasound from conventional film to digital format. In partnership with a large ultrasound company, the division was an alpha test site for a special PACS system. This system has the ability to communicate with the general radiology PACS system, and has added features specific for ultrasound, including the ability to process both black and white and color images and the ability to store dynamic clips of sonographic data. In May, 2000, I oversaw the installation of this PACS system in the High Risk Obstetrical Ultrasound Unit and the Noninvasive Vascular Laboratory.

With the installation of the digital archiving system in both L-1 Ultrasound and the High Risk Obstetrical Ultrasound, we have gained the ability to store dynamic clips. To take full advantage of this capability, I negotiated with a large ultrasound company to replace our prior ultrasound machines with state-of-the-art digital machines. This new equipment was installed in June, 2000. Our ultrasound facilities are at the forefront of the new "realtime" ultrasound, where dynamic clips acquired in the examination room can be reviewed in the reading room. We have set a new standards and new protocols for the practice of ultrasound, particularly in the area of obstetrical ultrasound, where fetal cardiac activity, fetal breathing motions, and fetal movement are important parts of the examination.

In 2001, I became a key member of the new fetal cardiac interventional team of physicians, which includes specialists in radiology, obstetrics and gynecology, pediatric cardiology, and anesthesia. This team performs interventional procedures on fetuses with congenital heart disease in an attempt to improve the prognosis of these fetuses by dilating stenotic valves and opening restricted atrial septums.

In 2011, I played a leadership role in the Ultrasound Renovation Project. Until 2011, the Division of Ultrasound in the Department of Radiology operated in tight quarters designed for x-ray use and built in 1981. Examination volume had more than tripled since 1981, and almost no space had been added to the diagnostic facility or the reading room. The 2011-2013 renovation included added space for diagnostic rooms and a reading room that can accommodate current practice needs of PACS interpretation stations and electronic reporting. The renovation also included new state-of-the-art ultrasound equipment.

National Contributions to Clinical Practice

I have been active in several national societies devoted to the advancement of ultrasound education, research, and clinical practice, including the AIUM, ARDMS, SRU, and ICAVL. In these societies, I have chaired various committees, served on boards, and held various offices over the years.

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I served on the Education Committee of the AIUM from 1988-1992, during which time I assisted in the writing and publication of Standards and Guidelines for the performance of specific ultrasound examinations. While on this committee, I was responsible for developing the first draft of *Guidelines for Performance of Prostate Ultrasound*.

From 1993-1998, I was a member of the Informational Media Committee of the AIUM and chaired the committee from 1994-1998. Under my authorship and direction, the committee produced four videotapes, describing the guidelines for performance of Abdominal Ultrasound, Obstetrical Ultrasound, Vascular Ultrasound, and Gynecologic Ultrasound. These videotapes are important tools used by clinical sites across the country to develop protocols that comply with national standards for the practice of ultrasound. Development and practice of these protocols is required for clinical ultrasound facilities to become accredited.

From 1999 to the present, I have been a member of the Annual Convention Committee of the AIUM. For the 2000 convention, I was responsible for setting up 56 Meet-the-Professor sessions. For the 2001 convention, I am responsible for the entire Scientific Program, including solicitation of Abstracts, setting up Abstract Review Committees, selecting Abstracts for presentation, and scheduling of the scientific sessions. I served as Vice Chair of the Committee from 2001-2003, and Chair from 2003-2005.

Since its inception in 1995, I have been a member and active participant in the Ultrasound Practice Accreditation Commission of the AIUM. This commission sets the standards for ultrasound laboratory accreditation and grants accreditation to clinical sites that meet the criteria. I am also a site reviewer.

I have been a fellow of the AIUM since 1992.

From 1990-1996 I served on the Abdominal Committee of the American Registry of Diagnostic Medical Sonography (ARDMS) and chaired the committee from 1992-1995. The ARDMS is the national body that certifies sonographers for clinical practice. The Abdominal Committee, comprised of four people, developed and scored the examinations to be taken by applicants for registration each year.

I was elected to fellowship of the SRU in 1989. Since then, I have served on the Membership Committee, Program Committee, Corporate Affairs Committee, and External Affairs Committee. I have climbed by two year terms from Secretary of the SRU to Treasurer, to President-Elect, to President of the society from 2001-2003. This was followed by two years as Past-President.

I have been involved in the development and program for several consensus conferences related to the current practice of ultrasound. Completed conferences have led to published consensus statement reporting on the opinion of experts in the field of discussion. These include:

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SRU Consensus Conference on Postmenopausal Bleeding, participant and author of consensus statement, October, 2000

SRU Consensus Conference on Carotid Stenosis, assistant director and author of consensus statement, October 2002

SRU Conference of Compact Ultrasound Systems, panelist and author of conference proceedings, October 2003

AIUM Conference on Compact Ultrasound Systems, organizing committee member and program leader and author of conference proceedings, April 2003

SRU Consensus Conference on Thyroid Nodular Disease, assistant director and author of consensus statement, October 2004

AIUM Conference on 3D Ultrasound in Obstetrics and Gynecology, organizing committee and author of conference proceedings, June 2005.

AIUM Ultrasound Practice Forum, planning committee, workout group leader, May 2006

AIUM Ultrasound Practice Forum, second meeting, planning committee, April 2007

NIH-NCI Conference on Thyroid Fine Needle Aspiration and Cytopathologic Classification, steering committee member, October, 2007.

AIUM Ultrasound Practice Forum, Facilitator, November 2008

SRU Consensus Conference on Management of asymptomatic ovarian and other adnexal cysts imaged on ultrasound, panelist and author of consensus statement, October 2009

SRU Consensus Conference on Imaging of Shoulder Pain, October 2010

SRU Consensus Conference on Early First Trimester Sonography: Guidelines for Excluding a Viable Intrauterine Pregnancy, October, 2012

Eunice Kennedy Shriver National Institute of Child Health and Human Development National Institutes of Health Conference on Fetal Imaging, December 2012

CDC and NACCHO Clinical Utilization Plan for Anthrax Countermeasures in a Mass Event Setting, March 2014

AUA Consensus Panel on the Diagnosis and Best Classification of Fetal and Neonatal Renal Dilatation with Correlation to Postnatal Outcomes, March 2014

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BIBLIOGRAPHY

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Original Reports

1. Torg JS, Beer C, Bruno LA, Vegso J. Head trauma in football players with infectious mononucleosis. *Physician and Sports Med* 1980; 8:107-110.
2. Teixidor HS, Benson CB. Clinically occult breast cancer in symptomatic and asymptomatic women. *Radiol Diagn* 1984; 25:741-750.
3. Benson CB, Doubilet PM, Saltzman DH, Jones TB. FL/AC ratio: poor predictor of intrauterine growth retardation. *Invest Radiol* 1985; 20:727-730.
4. Jones TB, Saltzman DH, Benson CB, Lavery MJ. Giant decidual reaction of ectopic pregnancy simulating missed abortion. *J Diagn Med Sonogr* 1985; 1:117-118.
5. Saltzman DH, Benson CB, Barss V, Lavery MJ, Jones TB. Echogenic amniotic fluid secondary to heparin therapy. *J Diagn Med Sonogr* 1985; 1:155-156.
6. Benson CB, Doubilet PM, Saltzman DH, Jones TB. Femur length abdominal circumference ratio: poor predictor of macrosomic fetuses in diabetic mothers. *J Ultrasound Med* 1986; 5:141-144.
7. Benson CB, Doubilet PM, Saltzman DH. Intrauterine growth retardation: predictive value of US criteria for antenatal diagnosis. *Radiology* 1986; 160:415-417.
8. Benson CB, Doubilet PM, Saltzman DH. Sonographic determination of fetal weight in diabetic pregnancies. *Am J Obstet Gynecol* 1987; 156:441-444.
9. Benson CB, Deligdish C, Loughlin KR. Sonographic detection of testicular plasmacytoma. *J Clin Ultrasound* 1987; 15:353-356.
10. Tumeh SS, Benson CB, Nagel JS, English RJ, Holman BL. Cavernous hemangioma of the liver: detection by single photon emission computed tomography (SPECT). *Radiology* 1987; 164:353-356.
11. Benson CB, Pober BR, Hirsh MP, Doubilet PM. Sonography of Nager acrofacial dysostosis syndrome in utero. *J Ultrasound Med* 1988; 7:163-167.
12. Phipps WR, Benson CB, McShane PM. Severe thigh myositis following intramuscular progesterone injections in an in vitro fertilization patient. *Fertility and Sterility* 1988;49:536-537.
13. Panicek DM, Benson CB, Gottlieb RH, Heitzman ER. The diaphragm: anatomic, pathologic, and radiologic considerations. *Radiographics* 1988; 8:385-425.

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14. Benson CB, Boswell SB, Brown DL, Saltzman DH, Doubilet PM. Improved prediction of intrauterine growth retardation using multiple parameters. *Radiology* 1988; 168:7-12.
15. Benson CB, Doubilet PM. Doppler criteria for intrauterine growth retardation: predictive values. *J Ultrasound Med* 1988; 7:655-660.
16. Benson CB, Bieber FR, Genest DR, Doubilet PM. Doppler demonstration of reversed umbilical blood flow in an acardiac twin. *J Clin Ultrasound* 1989; 17:291-295.
17. Brown DL, Benson CB, Driscoll SG, Doubilet PM. Sonographic spectrum of twin-twin transfusion syndrome. *Radiology* 1989; 170:61-63.
18. Lentini JF, Benson CB, Richie JP. Sonographic features of focal orchitis. *J Ultrasound Med* 1989; 8:61-365.
19. Benson CB, Vickers MA. Sexual impotence caused by vascular disease: diagnosis by using duplex sonography. *AJR* 1989; 153:1149-1153.
20. Litwin MS, Loughlin KR, Benson CB, Droege GF, Richie JP. Placenta percreta invading the urinary bladder. *Br J Urol* 1989; 64:283-286.
21. Vickers MA, Benson CB, Richie JR. High resolution ultrasonography and pulsed-wave Doppler for detection of corporo-venous incompetence in erectile dysfunction. *J Urol* 1990; 43:1125-1127.
22. Benson CB, Belville JS, Lentini JF, Doubilet PM. Intrauterine growth retardation: diagnosis based on multiple parameters - a prospective study. *Radiology*. 1990;177:499-502.
23. Lobel SM, Bengston JM, Meyerovitz MF, Benson CB. Preoperative angiographic uterine artery embolization in the management of cervical pregnancy. *Obstet Gynecol* 1990; 76:938-41.
24. Benson CB, Coughlin BF, Doubilet PM. Amniotic fluid volume in large-for-gestational-age fetuses of non-diabetic mothers. *J Ultrasound Med* 1991; 10:149-151.
25. Benson CB, Doubilet PM. Sonographic prediction of gestational age: accuracy of second- and third-trimester fetal measurements. *AJR* 1991; 157:1275-1277.
26. Gluck CD, Benson CB, Bundy AL, Doyle CJ, Loughlin KR. Renal sonography for the placement and monitoring of ureteral stents during pregnancy. *J Endourology* 1991; 5:241-243.
27. Vickers MA, Benson CB, Dluhy R, Ball R. The current cavernosometric criteria for corporo-venous dysfunction are too strict. *J Urol* 1991; 147:614-617.

NOT ORIGINAL

DOCUMENT

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PM

28. Brown DL, Teele RL, Doubilet PM, Di Salvo DN, Benson CB, Van Alstyne GA. Echogenic material in the fetal gallbladder: sonographic and clinical observations. *Radiology* 1992; 182:73-76. MEDIA5022
29. Brown DL, Benson CB, Doherty FJ, Doubilet PM, Di Salvo DN, Van Alstyne GA, Vickers MA, Loughlin KR. Cystic testicular mass caused by dilated rete testis: sonographic findings in 31 cases. *AJR* 1992; 158:1257-9.
30. Wax MR, Frates M, Benson CB, Yeh J, Doubilet PM. First trimester findings in pregnancies after in vitro fertilization. *J Ultrasound Med* 1992; 11:321-5.
31. Kay J, Benson CB, Lester S, Corson JM, Pinkers GS, Lazarus JM, Owen WF. Utility of high resolution ultrasound for the diagnosis of dialysis-related amyloidosis. *Arthritis and Rheumatism* 1992; 35:926-932.
32. Benson CB, Aruny JE, Vickers MA. Correlation of duplex sonography with arteriography in patients with erectile dysfunction. *AJR* 1993; 160:71-73.
33. Benson CB, Doubilet PM, Laks MP. Outcome of twin gestations following a first trimester ultrasound demonstrating two heartbeats. *Ultrasound Obstet Gynecol* 1993; 3:343-5.
34. Frates M, Benson CB, Doubilet PM. Pregnancy outcome following a normal first trimester sonogram. *J Ultrasound Med* 1993; 12:383-386.
35. Brown DL, Di Salvo DN, Frates MC, Doubilet PM, Benson CB, Laing FC, Parness IA. Normal variants and pitfalls in the sonographic evaluation of fetal heart. *AJR* 1993; 160:1251-1255.
36. Doubilet PM, Benson CB. Improved prediction of gestational age in the late third trimester. *J Ultrasound Med* 1993; 12:647-653.
37. Ginsburg ES, Benson CB, Garfield JM, Gleason RE, Friedman AJ. The effect of operative technique and uterine size on blood loss during myomectomy: a prospective randomized study. *Fertil Steril* 1993; 60:956-962.
38. Brown DL, Frates MC, Laing FC, Di Salvo DN, Doubilet PM, Benson CB, Waitzkin ED, Muto MG. Benign versus malignant ovarian masses. Can they be distinguished by color and pulsed Doppler ultrasound. *Radiology* 1994; 190:333-336
39. Frates MC, Benson CB, Doubilet PM, Di Salvo DN, Brown DL, Laing FC, Rein MS, Osathanondh R. The sonographic diagnosis and conservative treatment of cervical ectopic pregnancies. *Radiology* 1994; 191:773-775
40. Benson CB, Doubilet PM, David V. Prognosis of first-trimester twin pregnancies: polychotomous logistic regression analysis. *Radiology* 1994; 192:765-768.

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DOCUMENT

12/17/2023 03:06:07

PM

41. Laing FC, Benson CB, Di Salvo DN, Brown DL, Frates MC, Loughlin KR. Detection of distal ureteral calculi by vaginal ultrasound. *Radiology* 1994; 192:545-548. MEDIA5022
42. Benson CB, Doubilet PM. Slow fetal heart rate in early first trimester: indicator of poor pregnancy outcome. *Radiology* 1994; 192:343-344
43. Laing FC, Frates MC, Brown DL, Benson CB, Di Salvo DN, Doubilet PM. Sonography of the fetal posterior fossa: False appearance of mega cisterna magna and Dandy Walker variant. *Radiology* 1994; 192:247-251.
44. Di Salvo DN, Brown DL, Doubilet PM, Benson CB, Frates MC. Clinical significance of isolated fetal pericardial effusion. *J Ultrasound Med* 1994; 13:291-293.
45. Bussey LA, Benson CB. Sonographically detected portal venous air secondary to bowel ischemia. *J Diagn Med Sonogr* 1994; 10:322-324.
46. Benson CB, Brown DL, Doubilet PM, Di Salvo DN, Laing FC, Frates MC. Increasing curvature of the normal fetal ductus arteriosus with advancing gestational age. *Ultrasound Obstet Gynecol* 1995; 5:95-97.
47. Doubilet PM, Benson CB. Embryonic heart rate in early first trimester: What rate is normal. *J Ultrasound Med* 1995; 14:431-434.
48. Comiter CV, Benson CB, Capelouto CC, Kantoff P, Shulman L, Richie JP, Loughlin KR. Nonpalpable intratesticular masses detected sonographically. *J Urol* 1995; 154:1367-1369.
49. Benson CB, Brown DL, Roberts DJ. Uhl's Anomaly of the Heart Mimicking Ebstein's Anomaly in utero: Case Report. *J Ultrasound Med* 1995; 14:781-783.
50. Williams C, Benson CB, Rhodes A, Schaefer L. American Registry of Diagnostic Medical Sonographers -- Survey of practice in abdominal and superficial sonography. *J Diagn Med Sonogr* 1996; 12:18-21
51. Frates MC, Doubilet PM, Brown DL, Benson CB, Di Salvo DD, Laing FC, Berck DJ, Hill JA. The role of Doppler in the prediction of pregnancy outcome in patients with recurrent miscarriages. *J Ultrasound Med* 1996; 15:557-562.
52. Comiter CV, Renshaw AA, Benson CB, Loughlin KR. "Burned-out" primary testicular cancers: sonographic and pathologic characteristics. *J Urol* 1996; 156:85-88
53. Olumi AF, Garnick MB, Renshaw AA, Benson CB, Richie JP. Leydig cell hyperplasia mimicking testicular neoplasm. *Urology* 1996; 48:647-649

NOT ORIGINAL

DOCUMENT

12/17/2023 03:06:07

PM

54. Benson CB, Doubilet PM, Cooney MJ, Frates MC, David V, Hornstein MD. Early singleton pregnancy outcome: effect of maternal age and mode of conception. *Radiology* 1997; 203:399-403
55. Doubilet PM, Benson CB, Nadel AS, Ringer SA. Improved newborn weight table developed with neonates dated by early ultrasound. *J Ultrasound Med* 1997; 16:241-249
56. Frates MC, Benson CB, Di Salvo DN, Laing FC, Brown DL, Doubilet PM. Sonographically solid extratesticular masses - not necessarily benign. *Radiology* 1997; 204:43-46.
57. Haimovici JA, Doubilet PM, Benson CB, Frates MC. Clinical significance of isolated enlargement of the cisterna magna (>10 mm) on prenatal sonography. *J Ultrasound Med* 1997; 16:731-734.
58. Cooney MJ, Benson CB, Doubilet PM. Outcome of pregnancies in women with uterine duplication anomalies. *J Clin Ultrasound* 1998; 26: 3-6
59. Korbin CD, Benson CB, Doubilet PM. Pregnancy outcome with amniotic sheets/uterine synechiae: does placental implantation on the amniotic sheet matter? *Radiology* 1998; 206:773-775.
60. Di Salvo DN, Benson CB, Laing FC, Brown DL, Frates MC, Doubilet PM. Sonographic evaluation of placental cord insertion site. *AJR* 1998; 170:1295-1298.
61. Doubilet PM, Benson CB. "Appearing twin": undercounting of multiple gestations on early first trimester sonograms. *J Ultrasound Med* 1998; 17:199-203.
62. Brown DL, Doubilet PM, Miller FH, Frates MC, Laing FC, Di Salvo DN, Benson CB Lerner M. Benign and malignant ovarian masses: selection of the most discriminating gray-scale and Doppler sonographic features. *Radiology* 1998; 208:103-110.
63. Benson CB, Doubilet PM, Acker D, Heffner LJ. Multifetal pregnancy reduction of both fetuses of a monochorionic pair by intrathoracic potassium chloride injection of one. *J Ultrasound Med* 1998; 17:447-449.
64. Chow JS, Benson CB, Doubilet PM. The frequency and nature of structural anomalies in fetuses with single umbilical arteries. *J Ultrasound Med* 1998; 17:765-768.
65. Doubilet PM, Benson CB, Chow JS. Long-term prognosis of pregnancies complicated by slow embryonic heart rates in the early first trimester. *J Ultrasound Med* 1999; 18:537-541.
66. Bree RL, Bowerman RA, Bohm-Velez M, Benson CB, Doubilet PM, DeDreu SR, Punch MR. US evaluation of the uterus in patients with postmenopausal bleeding: a positive effect on diagnostic decision making. *Radiology* 2000; 216:260-264.

MEDIA5022

NOT ORIGINAL

DOCUMENT

12/17/2023 03:06:07

PM

67. Doubilet PM, Benson CB, Chow JS. Outcome of pregnancies with rapid embryonic heart rates in the early first trimester. *AJR* 2000; 175:67-69. MEDIA5022
68. Marqusee E, Benson CB, Frates MC, Doubilet PM, Larsen PR, Cibas ES, Mandel SJ. Utility of ultrasound in the management of nodular thyroid disease. *Ann Intern Med* 2000; 133:696-700.
69. Benson CB, Genest DR, Bernstein MR, Soto-Wright V, Goldstein DP, Berkowitz RS. Sonographic appearance of first trimester complete hydatidiform pregnancy. *Ultrasound Obstet Gynecol* 2000; 16:188-191.
70. Rahemtullah A, Lieberman E, Benson CB, Norton ME. Pregnancy outcome after prenatal diagnosis of fetal intraabdominal umbilical venous varix. *J Ultrasound Med* 2001; 20:135-139.
71. Durfee SM, Kim FM, Benson CB. Postnatal outcome of fetuses with the prenatal diagnosis of asymmetric hydrocephalus. *J Ultrasound Med* 2001; 20:263-268.
72. Benson CB, Chow JS, Chang-Lee W, Hill JA, Doubilet PM. Outcome of pregnancies in women with uterine leiomyomas identified by sonography in the first trimester. *J Clin Ultrasound* 2001; 29:261-264.
73. Smith AM, Benson CB, Sophis J, Khorasani R. Time saving and sonographer acceptance of PACS in an ultrasound department. *JDMS* 2001; 17:22-29.
74. Frates MD, Doubilet PD, Durfee SM, Di Salvo DN, Laing FC, Brown DL, Benson CB, Hill JA. Sonographic and Doppler characteristics of the corpus luteum: can they predict pregnancy outcome? *J Ultrasound Med* 2001; 20:821-827.
75. Chow JS, Benson CB, Racowsky C, Doubilet PM, Ginsburg E. Frequency of a monozygotic pair in multiple gestations: relationship to mode of conception. *J Ultrasound Med* 2001; 20:757-760.
76. Robinson JN, Benson CB, McElrath TF, Holmes L, Doubilet PM, Lieberman ES, Norwitz ER. Prenatal ultrasound and the diagnosis of fetal cleft lip. *J Ultrasound Med* 2001; 20:1165-1170.
77. Goldstein RB, Bree RL, Benson CB, Benacerraf BR, Bloss JD, Carlos R, Fleischer AC, Goldstein SR, Hunt RB, Kurman RJ, Kurtz AB, Laing FC, Parsons AK. Evaluation of the Woman with Postmenopausal Bleeding – Society of Radiologists in Ultrasound – Sponsored Consensus Conference Statement. *J Ultrasound Med* 2001; 20:1025-1036.
78. Durfee SM, Benson CB, Wilson J. Postnatal outcome of fetuses with the prenatal diagnosis of gastroschisis. *J Ultrasound Med* 2002; 21:269-274.

NOT ORIGINAL

DOCUMENT

PM

12/17/2023 03:06:07

MEDIA5022

79. Alexander EK, Heering JP, Benson CB, Frates MC, Doubilet PM, Cibas ES, Marqusee E. Assessment of nondiagnostic ultrasound-guided fine needle aspirations of thyroid nodules. *J Clin Endocrinol Metab* 2002; 87:4924-4927.
80. Goldstein, R., Bree, R., Benson, C., Benacerraf, B., Bloss, J., Carlos, R., Fleischer, A., Goldstein, S., Hunt, R., Kurman, R., Kurtz, A., Laing, F., Parsons, A., Smith-Bindman, R., Walker, J. 2002. Evaluation of the woman with postmenopausal bleeding: Society of Radiologists in Ultrasound-Sponsored Consensus conference statement. *Ultrasound Quarterly* 2002: 18:61-69.
81. Alexander EK, Hurwitz S, Heering JP, Benson CB, Frates MC, Doubilet PM, Cibas ES, Larsen PR, Marqusee E. Natural history of benign solid and cystic thyroid nodules. *Ann Intern Med* 2003; 138:315-318.
82. Frates MC, Benson CB, Doubilet PM, Larsen PR, Cibas ES, Marqusee E. Can color Doppler predict malignancy of thyroid nodules? *J Ultrasound Med* 2003; 22:127-131.
83. Doubilet PM, Benson CB, Wilkins-Haug L, Ringer S. Fetuses subsequently born premature are smaller than gestational-age-matched fetuses not born premature. *J Ultrasound Med* 2003; 22:359-363.
84. Grant EG, Benson CB, Moneta GL, Alexandrov AV, Baker D, Bluth EI, Caroll B, Eliasziw M, Gocke J, Hertzberg BS, Katanick S, Needleman L, Pellerito J, Polak JF, Rholl KS, Wooster DL, Zierler E. Society of Radiologists in Ultrasound consensus conference on ultrasound and Doppler diagnosis of carotid stenosis. *Radiology* 2003; 229:340-346.
85. Grant EG, Benson CB, Moneta GL, Alexandrov AV, Baker D, Bluth EI, Caroll B, Eliasziw M, Gocke J, Hertzberg BS, Katanick S, Needleman L, Pellerito J, Polak JF, Rholl KS, Wooster DL, Zierler E. Society of Radiologists in Ultrasound consensus conference on ultrasound and Doppler diagnosis of carotid stenosis. *Ultrasound Q* 2003; 19:190-198.
86. Frates MC, Kumar AJ, Benson CB, Ward VL, Tempany CM. The roles of magnetic resonance and ultrasound in the diagnosis of fetal anomalies: a comparison. *Radiology* 2004; 232:398-404.
87. Doubilet PM, Benson CB, Frates MC, Ginsburg E. Ultrasound-Guided Minimally Invasive Treatment of Unusual Ectopic Pregnancies. *J Ultrasound Med* 2004; 23:359-370
88. Mammen L, Benson CB. Outcome of fetuses with clubfeet diagnosed by prenatal ultrasound. *J Ultrasound Med* 2004; 23:497-500
89. Bree RL, Benson CB, Bowie JD, Coleman BG, Hertzberg BS, Kurtz AB, Lyons, EA, Pellerito J, Ralls PW, Rumack CM. The role of radiology in the era of compact

NOT ORIGINAL

DOCUMENT

12/17/2023 03:06:07

PM

ultrasound systems: SRU conference, October 14 and 15, 2003. *Ultrasound Quarterly* 2004; 20:19-21.

MEDIA5022

90. Tworetzky W, Wilkins-Haug L, Jennings RW, Van der Velde ME, Marshall AC, Colan SD, Benson CB, Lock JE, Perry SB. Balloon dilation of severe aortic stenosis in the fetus: potential for prevention of hypoplastic left heart syndrome. Candidate selection, technique, and results of successful intervention. *Circulation* 2004; 110:2125-2131.
91. Marshall AC, van der Velde ME, Tworetzky W, Wilkins-Haug L, Benson CB, Jennings RW, Lock JE. Creation of an atrial septal defect in utero for fetuses with hypoplastic left heart syndrome and intact or highly restrictive atrial septum. *Circulation* 2004; 110:253-8
92. Greenbaum LD, Benson CB, Nelson LH 3rd, Bahner DP, Spitz JL, Platt LD. Proceedings of the compact ultrasound conference sponsored by the American Institute of Ultrasound in Medicine. *J Ultrasound Med* 2004; 23:1249-1254.
93. Alexander EK, Orcutt J, Benson CB, Doubilet PM, Frates MC; Cibas ES, Atri A, Marqusee E. Thyroid Nodule Shape and Prediction of Malignancy. *Thyroid* 2004; 14:953-958
94. Frates MC, Benson CB, Zou KH, Doubilet PM, Gerdeman A, Merritt CRB. Does hands-on obstetrical US experience improve performance on the radiology oral board examination? *Radiology* 2006; 239:529-532.
95. Doubilet PM, Benson CB. First trimester outcome of pregnancies in which the embryo has a slow heart rate at 6-7 weeks gestation and a normal heart rate on a follow-up scan by 8 weeks. *Radiology* 2005; 236:643-646.
96. Rahbar R, Vogel A, Myers LB, Bulich LA, Wilkins-Haug L, Benson CB, Grable IA, Levine D, Fishman SJ, Jennings RW, Estroff JA, Barnewolt CE. Fetal Surgery in Otolaryngology: A New Era in Diagnosis and Management of Fetal Airway Obstruction due to Advances in Prenatal Imaging. *Archives of Otolaryngology-Head & Neck Surgery* 2005; 131:393-398.
97. Durfee SM, Frates MC, Luong A, Benson CB. The sonographic and color Doppler features of retained products of conception. *J Ultrasound Med* 2005; 24:1181-1186
98. Marshall AC, Tworetzky W, Bergersen L, McElhinney DB, Benson CB, Jennings RW, Wilkins-Haug LE, Marx G, Lock JE. Aortic valvuloplasty in the fetus: Technical characteristics of successful balloon dilation. *J Pediatrics* 2005; 147:535-539.
99. Frates MC, Benson CB, Charboneau JW, Cibas CS, Clark OH, Coleman BG, Cronan JJ, Doubilet PM, Evans DB, Goellner JR, Hay ID, Hertzberg BS, Intenzo CM, Jeffrey RB, Langer JE, Larsen PR, Mandel SJ, Middleton WD, Reading CC, Sherman SI, Tessler FN. Management of thyroid nodules detected at sonography – Society of Radiologists in Ultrasound consensus conference statement. *Radiology* 2005; 237:794-800.

NOT ORIGINAL

DOCUMENT

12/17/2023 03:06:07

PM

100. Limperopoulos C, Benson CB, Bassan H, Di Salvo D, Kinnamon D, Moore M, Ringer SA, Volpe JJ, de Plessis AJ. Cerebellar hemorrhage in the preterm infant: ultrasonographic findings and risk factors. *Pediatrics* 2005; 116:717-24. MEDIA5022
101. Allen RH, Benson CB, Wilkins-Haug L. Pregnancy outcome of fetuses diagnosed with hypoplastic left ventricle on prenatal sonogram. *J Ultrasound Med* 2005; 24:1199-1203.
102. Chow JS, Benson CB, Lebowirz RL. The clinical significance of an empty renal fossa on prenatal ultrasound. *J Ultrasound Med* 2005; 24:1049-1054.
103. Wilkins-Haug LE, Benson CB, Tworetzky W, Marshall AC, Jennings RW, Lock JE. In-utero intervention for hypoplastic left heart syndrome--a perinatologist's perspective. *Ultrasound Obstet Gynecol.* 2005; 26:481-486.
104. Benacerraf BR, Benson CB, Abuhamad AZ, Copel JA, Abramowicz JS, DeVore GR, Doubilet PM, Lee W, Lev-Toaff AS, Merz E, Nelson TR, O'Neill MJ, Parsons AK, Platt LD, Pretorius DH, Timor-Tritsch IE. Three- and 4-dimensional ultrasound in obstetrics and Gynecology; Proceedings of the American Institute of Ultrasound in Medicine Consensus Conference. *J Ultrasound Med* 2005; 24:1587-1597.
105. Bassan H, Benson CB, Limeropoulos C, Feldman HA, Ringer SA, Veracruz E, Steward JE, Soul JS, Di Salvo D, Volpe JJ, de Plessis AJ. Ultrasonographic features and severity scoring of periventricular hemorrhagic infarction in relation to risk factors and outcome. *Pediatrics* 2006; 117:2111-2118.
106. Wilkins-Haug LE, Tworetzky W, Benson CB, Marshall AC, Jennings RW, Lock JE. Factors affecting technical success of fetal aortic valve dilation. *Ultrasound Obstet Gynecol* 2006; 28:47-52.
107. Quintero-Rivera F, Robson CD, Reiss RE, Levine D, Benson CB, Mulliken JB, Kimonis VE. Intracranial anomalies detected by imaging studies in 30 patients with Apert Syndrome. *Am J Med Genet Part A* 2006; 140:1337-1338.
108. Green GE, Morteale K, Glickman JN, Benson CB. Brenner tumor of the ovary: sonographic and computed tomographic imaging features. *J Ultrasound Med* 2006; 25:1245-1251.
109. Quintero-Rivera F, Robson CD, Reiss RE, Levine D, Benson CB, Mulliken JB, Kimonis VE. Apert Syndrome: What prenatal radiographic findings should prompt its consideration? *Prenat Diagn* 2006; 26:966-972.
110. Kunisaki SM, Barnewold CE, Estroff JA, Myers LB, Fauza DO, Wilkins-Haug LE, Grable IA, Ringer SA, Benson CB, Neme LP, Morash D, Buchmiller TL, Wilson JM, Jennings RW. Ex utero intrapartum treatment with placement on extracorporeal

NOT ORIGINAL

DOCUMENT

12/17/2023 03:06:07

PM

membrane oxygenation (EXIT to ECMO) for severe congenital diaphragmatic hernia. J Ped Surg 2007; 42:98-104.

MEDIA5022

111. Frates MC, Benson CB, Doubilet PM, Kunreuther E, Contreras M, Orcutt J, Cibas ES, Moore FD, Larsen PR, Marqusee E, Alexander EK. Prevalence and Distribution of Carcinoma in Patients with Solitary and Multiple Thyroid Nodules on Sonography. J Clin Endocrinol Metab 2006; 91:3411-3417.
112. Bassan H, Feldman HA, Limperopoulos C, Benson CB, Ringer SA, Veracruz E, Soul JS, Volpe JJ, du Plessis AJ. Periventricular hemorrhagic infarction: risk factors and neonatal outcome. Pediatr Neurol 2006; 35:85-92.
113. Benacerraf BR, Sadow PM, Barnewold CE, Estroff JA, Benson CB. Cleft of the secondary palate without cleft lip diagnosed with three-dimensional ultrasound and magnetic resonance imaging in a fetus with Fryns' syndrome. Ultrasound Obstet Gynecol 2006; 27:566-570.
114. Kunisaki SM, Fauza DO, Barnewold CE, Estroff JA, Myers LB, Bulich LB, Wong J, Levine D, Wilkins-Haug LE, Benson CB, Jennings RW. Ex utero intrapartum treatment with placement on extracorporeal membrane oxygenation for fetal thoracic masses. J Ped Surg 2007; 42:420-425.
115. Selamet Tierney ESS, Wald RM, McElhinney DB, Marshall AC, Benson CB, Colan SD, Marcus EN, Marx GR, Levine JC, Wilkins-Haug L, Lock JE, Tworetzky W. Changes in left heart hemodynamics after technically successful in-utero aortic valvuloplasty. Ultrasound Obstet Gynecol 2007; 30:715-720.
116. Mizrahi-Amaud A, Tworetzky W, Bulich LA, Wilkins-Haug LE, Marshall AC, Benson CB, Lock JE, McElhinney DB. Pathophysiology, management, and outcomes of fetal hemodynamic instability during prenatal cardiac intervention. Pediatric Res 2007; 62:325-330
117. Bassan H; Limperopoulos C; Visconti K; Mayer D; Feldman H; Avery L; Benson CB; Stewart J; Ringer S; Soul J; Volpe J; du Plessis A. Neurodevelopmental outcome in survivors of periventricular hemorrhagic infarction. Pediatrics 2007; 120:785-792.
118. Yassa L, Cibas ES, Benson CB, Frates MC, Doubilet PM, Gawande AA, Moore FD, Kim BW, Nose V, Marqusee E, Larsen PR, Alexander EK. Long-term assessment of a multidisciplinary approach to thyroid nodule diagnostic evaluation. Cancer Cytopathology 2007; 111:508-16
119. Limperopoulos C, Bassan H, Gauvreau K, Robertson RL, Sullivan NR, Benson CB, Avery L, Stewart J, Soul JS, Ringer SA, Wolpe JJ, duPlessis AJ. Does cerebellar injury in premature infants contribute to the high prevalence of long-term cognitive, learning, and behavioral disability in survivors? Pediatrics 2007; 120:584-593.

NOT ORIGINAL

DOCUMENT

12/17/2023 03:06:07

PM

120. Skiadas CC, Missmer SA, Benson CB, Gee RE, Racowsky C. Risk factors associated with pregnancies containing a monochorionic pair following ART. *Human Reprod* 2008; 23:1366-1371. MEDIA5022
121. Wilkins-Haug L, Porter A, Hawley P, Benson CB. Isolated fetal omphalocele, Beckwith Wiedemann syndrome and assisted reproductive technologies. *Birth Defects Res A Clin Mol Teratol* 2009; 85: 58-62
122. Cibas ES, Alexander EK, Benson CB, de Agustin PP, Doherty GM, Faquin WC, Middleton WD, Miller T, Raab SS, White ML, Mandel SJ. Indications for thyroid FNA and pre-FNA requirements: a synopsis of the National Cancer Institute Thyroid Fine-Needle Aspiration State of the Science Conference. *Diagnostic Cytopathology* 2008; 36:390-399.
123. Marshall AC, Levine J, Silva V, Morash D, McElhinney DB, Benson CB, Wilkins-Haug LE, Lock JE, Tworetzky W. Results of In Utero Atrial Septoplasty in Fetuses with Hypoplastic Left Heart Syndrome. *Prenatal Diagnosis* 2008; 28:1023-1028.
124. Tworetzky W, Marx GR; McElhinney DB, Benson CB, Brusseau R, Morash D, Wilkins-Haug LE, Lock JE, Marshall AC. In utero valvuloplasty for pulmonary valve atresia with hypoplastic right ventricle: techniques and outcomes. *Pediatrics* 2009; 124: 510-518.
125. McElhinney DB, Marshall AC, Wilkins-Haug LE, Brown DW, Benson CB, Silva V, Marx GR, Mizrahi-Arnaud A, Lock JE, Tworetzky W. Predictors of technical success and postnatal biventricular outcome after in utero aortic valvuloplasty for aortic stenosis with evolving hypoplastic left heart syndrome. *Circulation* 2009;120:1482-1490
126. Jacobsen E, Chen JH, Schurko B, Benson C, Oh, WK. Metastatic seminoma and grade I follicular lymphoma presenting concurrently in a supraclavicular lymph node. *Cases Journal* 2009; 2:7273.
127. McElhinney DB, Benson CB, Brown DW, Wilkins-Haug LE, Marshall AC, Zaccagnini L, Tworetzky W. Cerebral blood flow characteristics and biometry in fetuses undergoing prenatal intervention for aortic stenosis with evolving hypoplastic left heart syndrome. *Ultrasound in Medicine and Biology* 2009; 36:29-37.
128. Porter A, Benson CB, Howley P, Wilkins-Haug L. Outcome of fetuses with a prenatal ultrasound diagnosis of isolated omphalocele. *Prenat Diagn* 2009; 29:668-673.
129. Vogel M, McElhinney DB, Wilkins-Haug LE, Marshall AC, Benson CB, Silva V, Tworetzky W. Reversible ductus arteriosus constriction due to maternal indomethacin after fetal intervention for hypoplastic left heart syndrome with intact/restrictive atrial septum. *Fetal Diagnosis and Therapy* 2010; 27:40-45.

NOT ORIGINAL

DOCUMENT

12/17/2023 03:06:07

PM

130. Smith NA, Wilkins-Haug L, Santolaya-Forgas J, Acker D, Economy KE, Benson CB, Robinson JN. Contemporary Management of monochorionic diamniotic twins: outcomes and delivery recommendations revisited. *Am J Obstet Gynecol* 2010; 203:133.e1-6.
131. Levine D, Brown DL, Andreotti RF, Benacerraf B, Benson CB, Brewster WR, Coleman B, DePriest P, Doubilet PM, Goldstein SR, Hamper UM, Hecht JL, Horrow M, Hur, HC, Marnach M, Patel MD, Platt LD, Puscheck E, Smith-Bindman R. Management of asymptomatic ovarian and other adnexal cysts imaged on ultrasound: Society of Radiologists in Ultrasound consensus conference statement. *Radiology* 2010; 256:943-954.
132. Skiadas CC, Missmer SA, Benson CB, Acker D, Racowsky C. The impact of selective reduction of the monochorionic pair in IVF triplet pregnancies on gestational length. *Fertil Steril* 2010; 94:2930-2931.
133. Skiadas CC, Missmer SA, Benson CB, Acker D, Racowsky C. Spontaneous reduction before 12 weeks' and selective reduction similarly extend time to delivery in in vitro fertilization trichorionic triamniotic triplets. *Fertil Steril* 2011; 95:596-599.
134. McEhinney DB, Vogel M, Benson CB, Marshall AC, Wilkins-Haug LE, Silva V, Tworetzky W. Assessment of left ventricular endocardial fibroelastosis in fetuses with aortic stenosis and evolving hypoplastic left heart syndrome. *Amer J Cardiology* 2010; 106:1792-1797
135. Vogel M, McElhinney DB, Wilkins-Haug LE, Marshall AC, Benson CB, Juraszek AL, Silva V, Lock JE, Del Nido P, Marx GR, Tworetzky W. Aortic stenosis and severe mitral regurgitation in the fetus resulting in giant left atrium and hydrops. *JACC* 2011; 57:348-55
136. Edlow AG, Hou MY, Maurer R, Benson CB, Deli-Bovi LC, Goldberg A. Uterine evacuation for second trimester death and maternal morbidity. *Obstetrics and Gynecology*. 2011; 117:307-316
137. Edlow AG, Reiss RE, Benson CB, Gerrol PD, Wilkins-Haug LE. Monochorionic diamniotic twin gestations discordant for markedly enlarged nuchal translucency. *Prenatal Diagnosis* 2011; 31:299-306.
138. Levine D, Brown DL, Andreotti RF, Benacerraf B, Benson CB, Brewster WR, Coleman B, DePriest P, Doubilet PM, Goldstein SR, Hamper UM, Hecht JL, Horrow M, Hur, HC, Marnach M, Patel MD, Platt LD, Puscheck E, Smith-Bindman R. Management of asymptomatic ovarian and other adnexal cysts imaged on ultrasound: Society of Radiologists in Ultrasound consensus conference statement. *Ultrasound Quarterly* 2010; 26:121-131.
139. Roh MH, Jo VY, Stelow EB, Faquin WC, Zou KH, Alexander EK, Larsen PR, Marqusee E, Benson CB, Frates MC, Gawande A, Moore FD Jr, Cibas ES. The predictive value of

NOT ORIGINAL

DOCUMENT

PM

12/17/2023 03:06:07

the fine-needle aspiration diagnosis "suspicious for a follicular neoplasm, Hurthle cell type" in patients with Hashimoto thyroiditis. *Am J Clin Pathol.* 2011 Jan;135:139-45.

MEDIA5022

140. Barton SE, Politch JA, Benson CB, Ginsburg ES, Gargiulo AR. Transabdominal follicular aspiration for oocyte retrieval in patients with ovaries inaccessible by transvaginal ultrasound.. *Fertil Steril* 2011; 9:1773-6.
141. Frates MC, Benson CB, Stober SL. Mobile echogenicities on scrotal ultrasound: is the finding associated with vasectomy. *J Ultrasound Med* 2011; 30:1387-1390.
142. Doubilet PD, Benson CB. Further evidence against the reliability of the HCG discriminatory level. *J Ultrasound Med* 2011; 30:1637-1642.
143. Braaten KP, Benson CB, Maurer R, Goldberg AB. Malpositioned intrauterine contraceptive devices: risk factors, outcomes and future pregnancies. *Obstet Gynecol* 2011 2011; 118:1014-1020.
144. Fernandes DD, Sadow CA, Economy K, Benson CB. Sonographic and MR findings in Uterine Incarceration. *J Ultrasound Med* 2012;31:645-650.
145. McMahon GM, McGovern ME, Bijol V, Benson CB, Cushing R, Munkley K, Schnipper J, Lin J. Development of an Outpatient Native Kidney Biopsy Service: A Multidisciplinary Approach. *Amer J Nephrol* 2012 ;35:321-326.
146. Adams S, Durfee S, Pettigrew C, Katz D, Jennings R, Ecker J, House M, Benson CB, Wolfberg A. Accuracy of ultrasound to predict estimated weight in fetuses with gastroschisis. *J Ultrasound Med* 2012; 31:1753-1758.
147. Benson CB, Doubilet PD, Peters HE, Frates MC. Intrauterine fluid with ectopic pregnancy: a reappraisal. *J Ultrasound Med* 2013; 32:381-388.
148. Frates MC, Marqusee E, Benson CB, Alexander EK. Subacute granulomatous (De Quervain's) thyroiditis: gray scale and color Doppler sonographic characteristics. *J Ultrasound Med* 2013; 32:505-511; PMID: 23443191.
149. Durfee SM, Benson CB, Adams SA, Ecker J, House M, Jennings R, Katz D, Pettigrew C, Wolfberg A. Postnatal outcome of fetuses with the prenatal diagnosis of gastroschisis. *J Ultrasound Med* 2013; 32:407-412.
150. Scholl J, Durfee S, Heard AJ, Iyer C, Al Ammari R, Coletta J, Craig S, Fuchs K, House M, Jennings R, Ecker J, Panda B, Tanner C, Wolfberg A, Russell M, Benson CB. First Trimester Cystic Hygroma: Relationship of Nuchal Translucency Thickness and outcomes. *Obstet Gynecol* 2012 120:551-559.
151. Barbosa JA, Chow JS, Benson CB, Yorioka M, Retik A, Hguyen H. Postnatal Longitudinal Evaluation of Children Diagnosed with Prenatal Hydronephrosis: Insights

NOT ORIGINAL

DOCUMENT

12/17/2023 03:06:07

PM

in Natural History and Referral Pattern. Prenatal Diagnosis 2012; 32:1-8; PMID: 23090854

MEDIA5022

152. Talkowski ME, Ordulu Z, Pillalamarri V, Benson CB, Blumenthan I, Conolly S, Hanscom C, Hussain N, Pereira S, Picker J, Rosenfeld JA, Shaffer LG, Wilkins-Haug LE, Gusella JF, Morton CC. Clinical Diagnosis by Whole Genome Sequencing of a Prenatal Sample. *New Eng J Med* 2012; 367:2226-2232; PMID: 23215558
153. Kamran SC, Marqusee E, Kim M, Frates MC, Ritner J, Benson CB, Doubilet PM, Cibas ES, Barletta J, Cho N, Gawande A, Ruan D, Moore FD, Pou K, Larsen PR, Alexander EK. Thyroid nodule size and prediction of cancer. *J Clin Endocrin Metab* 2013; 98:564-570; PMID: 23275525
154. Doubilet PM, Benson CB. Double Sac Sign and Intradecidual Sign in Early Pregnancy: Interobserver Reliability and Frequency of Occurrence. *J Ultrasound Med* 2013; 32:1207-1214.
155. Nazarian L, Jacobson J, Benson CB, Bancroft L, Bedi A, McShane J, Miller T, Parker L, Smith J, Stein L, Teefey S, Thiel R, Tuite MJ, Wise J, Yamaguchi K. Construction of Imaging Algorithms for Evaluation of Suspected Rotator Cuff Disease: Society of Radiologists in Ultrasound Consensus Conference Statement. *Radiology* 2013; 267:589-595.
156. Lynn KN, Steinkeler JA, Wilkins-Haug LE, Benson CB. Hyperreactio luteinalis (enlarged ovaries) during the second and third trimesters of pregnancy. *J Ultrasound Med* 2013; 32:1285-1289.
157. Dukhovny S, Shipp T, Benson CB, Wilkins-Haug L, Reiss R. Absent fetal nasal bone: what does it mean for the euploid fetus? *J Ultrasound Med* 2013; 32:2131-2134.
158. Gupta A, Ly S, Castroneves LA, Frates MC, Benson CB, Feldman HA, Wassner AJ, Smith JR, Marqusee E, Alexander AK, Barletta J, Doubilet PM, Peters HE, Webb S, Modi BP, Paltiel HJ, Kozakewich H, Cibas ES, Moore FD, Shamberger RC, Larsen PR, Huang SA. A Standardized Assessment of Thyroid Nodules in Children Confirms Higher Cancer Prevalence than in Adults. *J Clin Endocrin Metab* 2013 98:3238-3245.
159. Doubilet PM, Benson CB, Bourne T, Blaivas M, Barnhart KT, Benacerraf BR, Brown DL, Filly RA, Fox JC, Goldstein SR, Kendall JL, Lyons EA, Porter MB, Pretorius DH, Timor-Tritsch IE. Diagnostic criteria for nonviable pregnancy early in the first trimester. *New Eng J Med* 2013; 369:1443-1451.
160. Kalish BT, Tworetzky W, Benson CB, Wilkins-Haug L, Mizrahi-Arnaud A, McElhinney DB, Lock JE, Marshall AC. Technical challenges of atrial septal stent placement in fetuses with hypoplastic left heart syndrome and intact atrial septum. *Catheter Cardiovasc Interv.* 2014; 84:77-85.

NOT ORIGINAL

DOCUMENT

12/17/2023 03:06:07

PM

161. Frates MC, Doubilet PM, Peters HE, Benson CB. Adnexal Sonographic Findings in Ectopic Pregnancy and their Correlation with Tubal Rupture and hCG Levels. *J Ultrasound Med* 2014; 33:697-703. MEDIA5022
162. Heller HT, Gordon R, Mullen K, Reiss R, Benson CB. Outcome of pregnancies with low-lying placenta diagnosed on second trimester ultrasound. *J Ultrasound Med* 2014; 33:691-696.
163. Gupta A, Ly S, Castroneves LA, Frates MC, Benson CB, Feldman HA, Wassner AJ, Smith JR, Marqusee E, Alexander EK, Barletta J, Muyide F, Doubilet PM, Peters HHE, Webb S, Modi BP, Paltiel HJ, Martins Y, Burmeister K, Kozakewich H, Hollowell M, Cibas ES, Moore FD, Shamberger RC, Larsen PR, Huang SA. How are childhood thyroid nodules discovered: opportunities for improving early detection. *J Pediatrics* 2014; 164:658-60.
164. Heller HT, Oliff MC, Benson CB, Doubilet PM. Testicular Microlithiasis: Prevalence and Association with Testicular Neoplasm. *J Clin Ultrasound* 2014; 42:423-6. Epub 2014 Feb 28. doi: 10.1002/jcu.22144.
165. Freud L, McElhinney D, Marshall A, Marx G, Friedman K, del Nido P, Emani S, Lafranchi T, Silva V, Wilkins-Haug L, Benson C, Lock J, Tworetzky W. Fetal aortic valvuloplasty for evolving hypoplastic left heart syndrome: postnatal outcome of the first 100 patients. *Circulation* 2014; 130:638-45.
166. Durfee SM, Benson CB, Arthaud DM, Alexander EK, Frates MC. The sonographic appearance of thyroid cancer in patients with Hashimoto thyroiditis. *J Ultrasound Med* 2015; 34:697-704.
167. Michaels AY, Washburn EE, Pocius KD, Benson CB, Doubilet PM, Carusi DA. Outcome of cesarean scar implantation pregnancies diagnosed sonographically in the first trimester. *J Ultrasound Med* 2015; 34: 595-599.
168. Nguyen HT, Benson CB, Bromley B, Campbell JB, Chow J, Coleman B, Cooper C, Crino J, Darge K, Herndon ACD, Odibo AO, Somers MJG, Stein DR. Multidisciplinary Consensus on the Classification of Prenatal and Postnatal Urinary Tract Dilation (UTD Classification System). *J Ped Urol* 2014; 10: 982-998.
169. Ojeda JC, Colbert JA, Lin X, McMahon GT, Doubilet PM, Benson CB, Wu J, Katz JT, Yialamas MA. Pocket-Sized Ultrasound as an Aid to Physical Diagnosis for Internal Medicine Residents: A Randomized Trial. *J Gen Intern Med*. 2014 Nov 12. [Epub ahead of print]; PMID: 25387438
170. Gerber RE, Bromley B, Benson CB, Frates MC. Sonographic findings in fetal renal vein thrombosis. *J Ultrasound Med* 2015; 34:1465-1471.

NOT ORIGINAL

DOCUMENT

12/17/2023 03:06:07

PM

171. Silveira P, Ip I, Goldhaber S, Piazza G, Benson CB, Khorasani R. Performance of Wells Score for deep vein thrombosis in the inpatient setting. *JAMA Intern Med* 2015; 175:1112-1117. MEDIA5022
172. Webb AR, Heller HT, Benson CB, Lahav. Mother's voice and heartbeat sounds elicit auditory plasticity in the human brain before full gestation. *PNAS* 2015; 175:1112-7.
173. Hoffman Sage Y, Lee L, Thomas AM, Benson CB, Shipp TD. Fetal adrenal gland volume and prediction of preterm birth: a prospective third-trimester screening evaluation. *J Maternal Fetal & Neonatal Med* 2015; Jul 2:1-18.
174. Medici M, Kwong N, Angell TE, Marqusee E, Kim MI, Frates MC, Benson CB, Cibas ES, Barletta JA, Krane JF, Ruan DT, Cho NL, Gawande AA, Moore FD, Alexander EK. The variable phenotype and low-risk nature of RAS-positive thyroid nodules. *BMC Medicine* 2015; 13:184.
175. Bibbo C, Clapp M, Benson CB, Robinson J. Relationship between intertwin membrane separation and pregnancy outcome. *Obstet Gynecol* 2015; 126:994-998.
176. Sarna A, Benson CB, Ho V, Frates MC. Sonographic appearance of the gallbladder in the allogeneic hematopoietic stem cell transplant population. *J Ultrasound Med* 2016 (in press).
177. Phillips CH, Benson CB, Ginsburg ES, Frates MC. Comparison of uterine and tubal pathology identified by transvaginal sonography, hysterosalpingography, and hysteroscopy in female patients with infertility. *Fertility Research and Practice* 2015; 1:20
178. Mackesy M, Kalish B, Tworetzky W, Sanders S, Wilkins-Haug L, Lock J, Marshall A, Benson CB. Sonographic pulmonary abnormalities in fetuses with hypoplastic left heart syndrome and intact atrial septum undergoing attempted atrial septostomy in utero. *Ultrasound Quarterly* 2016 (in press).

Reviews, Chapters, and Editorials

1. Benson CB. The role of ultrasound in diagnosis and staging of testicular cancer. *Sem Urology* 1988; 6:189-202.
2. Benson CB. Exercise and pregnancy. *Squash News*. 1988; 11(3):10,14.
3. Benson CB, Doubilet PM, Richie JP. Sonography of the male genital tract. *AJR* 1989; 153:705-713.
4. Benson CB, Warneke LA. Sonographic appearance of milestones in pregnancy. In: Berman MC, Craig M, Kowanura DM, eds. *Diagnostic Medical Sonography: A Guide to Clinical Practice*. Philadelphia: JB Lippincott Co., 1989; pp. 207-217.

NOT ORIGINAL

DOCUMENT

12/17/2023 03:06:07

PM

5. Benson CB. Ultrasonography of the musculoskeletal system. In: Markisz JA, ed. *Practical Approach to Bone Imaging*. Boston: Little, Brown and Co., 1989; pp. 201-210.
6. Benson CB, Doubilet PM. Sonography of multiple gestations. *Radiol Clin NA* 1990; 28:149-161.
7. Doubilet PM, Benson CB. Fetal growth disturbances. *Semin Roentgenology* 1990; 25:309-316.
8. Benson CB, Doubilet PM. Fetal measurements, normal and abnormal fetal growth. In: Rumack C, Charbonneau W, Wilson S, eds. *Diagnostic Ultrasound*. St. Louis: Yearbook Medical Publishers, 1990; pp. 723-738.
9. Lavery MJ, Benson CB. Transabdominal versus transvaginal scanning. In: Timor-IE, Rottem S, eds. *Transvaginal Sonography*. 2nd ed. New York: Elsevier Science Publishing, 1990; pp. 77-107.
10. Benson CB, Doubilet PM. Ultrasound of multiple gestations. *Semin Roentgenology* 1991; 26:50-62.
11. Benson CB, Vickers MA, Aruny J. Evaluation of impotence. *Semin Ultrasound CT MR* 1991; 12:176-190.
12. Doubilet PM, Benson CB, Silverman SG, Gluck C. The penis. *Semin Ultrasound CT MR* 1991; 12:157-175.
13. Tumeh SS, Benson CB, Richie JP. Acute diseases of the scrotum. *Semin Ultrasound CT MR* 1991; 12:115-130.
14. Benson CB, Doubilet PM, Vickers MA. Sonography of the penis. *Ultrasound Quarterly* 1991; 9:89-109.
15. Benson CB. Sonography of the musculoskeletal system. *Rheumatic Disease Clin NA* 1991; 17:487-504.
16. Doubilet PM, Benson CB. Obstetrical radiology: the abnormal pregnancy. In: Taveras JM, Ferrucci JT, eds. *Radiology Diagnosis-Imaging-Intervention*. Philadelphia: JB Lippincott Co., 1991; Chapter 90:1-17.
17. Benson CB, Doubilet PM. The Penis. In: Mittelstaedt CA, ed. *General Ultrasound*. New York: Churchill Livingstone, 1992; pp. 1119-1132.
18. Benson CB, Doubilet PM. The Scrotum. In: Mittelstaedt CA, ed. *General Ultrasound*. New York: Churchill Livingstone, 1992; pp. 1133-1146.

NOT ORIGINAL

DOCUMENT

12/17/2023 03:06:07

PM

19. Benson CB, Doubilet PM. External male genitalia. In: Goldberg B, ed. *Textbook of Abdominal Ultrasound*. Baltimore: Williams & Wilkins, 1993; pp. 391-417. MEDIA5022
20. Benson CB, Doubilet PM. The saluting fetus. *J Irreproducible Results* 1993; 38(6) [cover photograph].
21. Doubilet PM, Benson CB. Amniotic fluid. In: Callen PW, ed. *Ultrasonography in Obstetrics and Gynecology*, 3rd ed. Philadelphia: W. B. Saunders Company, 1994; pp. 475-486.
22. Benson CB, Doubilet PM. Twin Pregnancy. In: McGahan JP, Porto M. *Obstetrical Ultrasound - A Logical Approach*. Philadelphia: JB Lippincott Co., 1994; pp. 434-448
23. Benson CB, Doubilet PM. Sonography of multiple gestations. *The Radiologist*. 1994; 1:147-154.
24. Brown DL, Benson CB. The S-shaped ductus arteriosus. Letter. *Ultrasound Obstet Gynecol* 1995; 6:372.
25. Benson CB, Doubilet PM. Fetal Genitourinary Anomalies. In: Fleischer AC, Manning FA, Jeanty P, Romero R (eds). *Sonography in Obstetrics and Gynecology, Principles and Practice*, 5th Edition. Stamford: Appleton and Lange, 1996; 433-446
26. Doubilet PM, Benson CB. Sonographic evaluation of intrauterine growth retardation. *AJR* 1995; 164:709-717
27. Benson CB, Doubilet PM. Photographing black and white sonographic images for slides. *SRU Newsletter* 1995; 3:7.
28. Benson CB. Scrotal sonography. *AUA Update Series*, 1996; 15:306-312.
29. Doubilet PM, Benson CB. Computerized ultrasound reporting saves time and money. *SRU Newsletter* 1996; 4:3
30. Benson CB. Rule out fetal anomalies. *Radiology* 1996; pp. 9-13.
31. Benson CB, Doubilet PM. Strategies for conservative treatment of cervical ectopic pregnancy. *Ultrasound Obstet Gynecol* 1996; 8:371-372.
32. Benson CB, Doubilet PM. Sonographic appearance of milestones in pregnancy. In: Berman MC, Cohen HL (eds). *Diagnostic Medical Sonography, A Guide to Clinical Practice, Obstetrics and Gynecology*, Second Edition. Philadelphia: J.B. Lippincott Company, 1997; pp. 233-241.

NOT ORIGINAL

DOCUMENT

PM

12/17/2023 03:06:07

MEDIA5022

33. Benson CB, Doubilet PM. Twin pregnancy. In: McGahan JP, Goldberg BB (eds). *Ultrasonography*. Philadelphia: Lippincott-Raven Publishers, 1998; pp. 483-494.
34. Benson CB, Doubilet PM. Ultrasound of the penis. In: McGahan JP, Goldberg BB (eds). *Ultrasonography*. Philadelphia: Lippincott-Raven Publishers, 1998; pp. 885-892.
35. Doubilet PM, Benson CB. Postmenopausal bleeding. *Women's Health Supplement to Diagnostic Imaging*, April, 1997; WH5-WH11.
36. Frates MC, Benson CB. Solid Extratesticular Masses. Letter. *Radiology* 1998; 206:290.
37. Doubilet PM, Benson CB. Gestational sacs in twins. Letter. *J Ultrasound Med* 1998; 17:594.
38. Benson CB, Doubilet PM. Fetal measurements, normal and abnormal fetal growth. In: Rumack C, Charbonneau W, Wilson S, eds. *Diagnostic Ultrasound*, 2nd Edition. St. Louis: Yearbook Medical Publishers, 1998; pp. 1013-1031.
39. Doubilet PM, Benson CB. Emergency obstetrical ultrasound. *Semin Roentgenology* 1998; 33:339-350.
40. Benson CB, Doubilet PM. Multiple gestations. *Ultrasound Quarterly*, 1998; 14:234-246.
41. Bree RL, Benson CB, Bohm-Velez M. Endovaginal ultrasound to evaluate endometrial abnormalities. Letter *JAMA* 1999; 281:1693-4.
42. Benson CB, Doubilet PM. Penile ultrasound and Doppler. In: Zwiebel WJ (ed). *Introduction to Vascular Ultrasonography*, 2000, pp. 477-488.
43. Benson CB. Ruling out fetal anomalies. In: Bluth EI, Arger P, Benson CB, Ralls P, Siegel MJ (eds). *Ultrasound, A Practical Approach to Clinical Problems*. New York: Thieme Medical and Scientific Publishers. 2000, pp. 335-344.
44. Benson CB, Doubilet PM. Fetal Genitourinary System. In: Fleischer AC, Manning FA, Jeanty P, Romero R (eds). *Sonography in Obstetrics and Gynecology, Principles and Practice*, 6th Edition. New York: McGraw-Hill. 2000, pp. 431-444.
45. Doubilet PM, Benson CB, Callen PW. Fetal Growth. In: Callen PW, ed. *Ultrasonography in Obstetrics and Gynecology*, 4th ed. Philadelphia: W. B. Saunders Company, 2000, pp. 206-220.
46. Benson CB. Ruling out fetal anomalies. In: Benson CB, Arger P, Bluth EI, (eds). *Ultrasound in Obstetrics and Gynecology, A Practical Approach*. New York: Thieme Medical and Scientific Publishers. 2000, pp. 145-154.

NOT ORIGINAL

DOCUMENT

12/17/2023 03:06:07

PM

47. Benson CB. Applying eUltrasound to the clinical setting. In: Innovations in Ultrasound, *Medical Imaging*, Supplement. 2000, pp. 30-31.
48. Benson CB, Doubilet PM. First Trimester of Pregnancy. In: Mendelson EB, Reuter KL, Rubin E, Bohm-Velez M (eds). *Women's Imaging*. Philadelphia: Mosby-Year Book, Inc., 2003.
49. Benson CB. The penis. In: Rifkin MD, Cochlin D. *Imaging of the Scrotum and Penis*. London: Martin Dunitz Publishers, 2002, pp. 251-258.
50. Benson CB. Erectile dysfunction. In: Rifkin MD, Cochlin D. *Imaging of the Scrotum and Penis*. London: Martin Dunitz Publishers, 2002, pp. 273-279.
51. Benson CB. Scrotal abnormalities associated with infertility. In: Goldstein SR, Benson CB (eds). *Imaging in the Infertile Couple*. London: Martin Dunitz Ltd. 2001, pp. 111-119.
52. Benson CB. Impotence. In: Goldstein SR, Benson CB (eds). *Imaging in the Infertile Couple*. London: Martin Dunitz Ltd. 2001, pp. 137-142.
53. Doubilet PD, Benson CB. Gestational age. In: Meire HB, Cosgrove D, Dewbury K (eds). *Clinical Ultrasound: Ultrasound in Obstetrics and Gynecology*, Second Edition, Volume 3. London: Churchill Livingstone. 2001, pp. 213-222.
54. Benson CB. Ultrasound guidance of interventional procedures in the neck. In: Fried MP, Jolesz F (eds). *Interventional Radiology in Otolaryngology*. Oxford: Isis Medical Media Limited. 2001.
55. Frates MC, Benson CB. Ultrasonographically guided thyroid biopsy. Letter. *J Ultrasound Med*. 2001; 20:1261-1262.
56. Benson CB, Doubilet PM. Fetal measurements, normal and abnormal fetal growth. In: Rumack C, Charbonneau W, Wilson S, eds. *Diagnostic Ultrasound*, 3rd Edition. Philadelphia: Mosby Elsevier Publishers, 2005, pp. 1493-1512.
57. Doubilet PM, Copel JA, Benson CB, Bahado-Singh RO, Platt LD. Choroid plexus cyst and echogenic intracardiac focus in women at low risk for chromosomal anomalies: the obligation to inform the mother. *J Ultrasound Med* 2004; 23:883-885.
58. Zwiebel WJ, Benson CB, Doubilet PM. Duplex ultrasound evaluation of the male genitalia. In: Zwiebel WJ, Pellerito JS (eds). *Introduction to Vascular Ultrasonography*. Philadelphia. Elsevier Saunders. 2005, pp. 659-684.
59. Wilkins-Haug LE, Benson CB, Tworetzky W, Marshall AC, Jennings RW, Lock JE. Re: *In-utero* intervention for hypoplastic left heart syndrome: for which fetus and for what?. Letter. *Ultrasound Obstet Gynecol* 2006; 27:91-100.

MEDIA5022

DOCUMENT

12/17/2023 03:06:07

PM

60. Benson CB. Ruling out fetal anomalies. In: Bluth EI, Benson CB, Ralls P, Siegel MJ (eds). *Ultrasound, A Practical Approach to Clinical Problems* 2nd Edition. New York: Thieme Medical and Scientific Publishers. 2008, pp. 347-359.
61. Fried A, Benson CB. Family history of ovarian carcinoma. In: Bluth EI, Benson CB, Ralls P, Siegel MJ (eds). *Ultrasound, A Practical Approach to Clinical Problems* 2nd Edition. New York: Thieme Medical and Scientific Publishers. 2008, 219-232.
62. Benson CB. Incompetent cervix or preterm cervical dilatation. In: Hertzberg B, Hill MC, Cohen H. *Ultrasound III*. American College of Radiology. Reston, VA. 2006 pp. T-7, T-8, 33-41.
63. Benson CB. Thyroid mass. In: Hertzberg B, Hill MC, Cohen H. *Ultrasound III*. American College of Radiology. Reston, VA. 2006; pp. T-21, T-22, 107-115.
64. Benson CB. Stuck twin. In: Hertzberg B, Hill MC, Cohen H. *Ultrasound III*. American College of Radiology. Reston, VA. 2006; pp. T-37, T-38, 195-204.
65. Benson CB, Doubilet PM. Twin pregnancy. In: McGahan JP, Goldberg BB (eds). *Diagnostic Ultrasound* 2nd Edition. New York, Informa Healthcare USA, Inc, 2008; pp. 1371-1381.
66. Laing FC, Frates MC, Benson CB. Ultrasound evaluation during the first trimester of pregnancy. In: Callen PW, ed. *Ultrasonography in Obstetrics and Gynecology*, 5th ed. Philadelphia: Elsevier, 2008; pp. 181-224.
67. Frates MC, Benson CB. Thyroid calcifications. Letter. *J Ultrasound Med* 2008; 27-312.
68. Benson CB. Fetal Survey. In: Angtuaco TL, Hamper UM, Ralls PW, Scoutt LM (eds.). *Ultrasound, Practical Sonography for the Radiologist*. American Roengen Ray Society 2009: 157-164.
69. Doubilet PM, Benson CB. First, do no harm ... to early pregnancies. *J Ultrasound Med* 2010; 29:285-289.
70. Benson CB, Doubilet PM. The Fetal Genitourinary System. In: Fleischer AC, Toy EC, Lee W, Manning FA, Romero R (eds). *Sonography in Obstetrics and Gynecology, Principles and Practice*, 7th Edition. New York: McGraw-Hill. 2011; pp 509-522.
71. Doubilet PM, Benson CB. First, do no harm ... to early pregnancies. Letter. *J Ultrasound Med* 2011; 30:120.
72. Benson CB, Doubilet PM. Fetal measurements, normal and abnormal fetal growth. In: Rumack CM, Wilson SR, Charbonneau JW, Levine D, eds. *Diagnostic Ultrasound*, 4th Edition. Philadelphia: Mosby Elsevier Publishers, 2011, pp 1455-1471.

DOCUMENT

12/17/2023 03:06:07

PM

73. Benson CB, Middleton WD, Nelson TR. Thanks to Beryl Benacerraf from the deputy editors. Letter. *J Ultrasound Med* 2010; 29:1682. MEDIA5022
74. Benson CB, Doubilet PM. Duplex ultrasound evaluation of the male genitalia. In: Pellerito JS, Polak JF, eds. *Introduction to Vascular Ultrasound*, 6th Edition. Philadelphia: Elsevier. 2012; pp 559-578.
75. Benson CB. Pitfalls in thyroid and parathyroid sonography. American Roentgen Ray Society, Pitfalls in Clinical Imaging, Course Syllabus 2012: pp 93-100.
76. Benson CB, Frates MC. Ultrasound of the hepatoportal circulation. In: AbuRahma AF, Bandyk DF. *Noninvasive Vascular Diagnosis, 3rd Edition: A Practical Guide to Therapy*. New York: Springer. 2013; pp 565-587.
77. Sakhel K, Benson CB, Platt LD, Goldstein S, Benacerraf B. Begin with the basics - the role of 3D ultrasound as a first line imaging technique in the cost-effective evaluation of gynecologic pelvic disease. *J Ultrasound Med* 2013; 32:381-388.
78. Bourne T, Barnhart K, Benson CB, Brosens J, Van Calster B, Condous G, Coomarasame A, Doubilet PM, Goldstein SR, Gould D, Kirk E, Mol BW, Raine-Fenning N, Stalder C, Timerman, D. NICE guidance on ectopic pregnancy and miscarriage restricts access and choice and may be clinically unsafe. *BMJ* 2013; 346:f197.
79. Wax J, Minkoff H, Johnson A, Coleman B, Levine D, Helfgott A, O’Keeffe D, Henningsen C, Benson C. Consensus report on the detailed fetal anatomic ultrasound examination: indications, components, and qualifications. 76811 Task Force. *J Ultrasound Med* 2014; 33:189-195.
80. Benson CB, Doubilet PM. The History of Imaging in Obstetrics. *RSNA Centennial Radiology Select. Radiology* 2014; 273:S92-S110.
81. Reddy UM, Abuhamad ZA, Levine D, Saade GR, for the Fetal Imaging Workshop Invited Participants (Benson CB invited participant). Executive Summary of a Joint Eunice Kennedy Shriver National Institute of Child Health and Human Development, Society for Maternal-Fetal Medicine, American Institute of Ultrasound in Medicine, American College of Obstetricians and Gynecologists, American College of Radiology, Society for Pediatric Radiology, and Society of Radiologists in Ultrasound Fetal Imaging Workshop. *Obstet Gynecol* 2014; 123:1070–82; *Am J Obstet Gynecol* 2014; 210:387-97; *J Ultrasound Med* 2014; 33:745-57.
82. Benson CB, Doubilet PM. Fetal biometry and growth. In: Norton M, Scutt L, Feldstein V, eds. *Callen’s Ultrasonography in Obstetrics and Gynecology*, 6th Edition. Philadelphia: Elsevier. 2015 (in press).

DOCUMENT

12/17/2023 03:06:07

PM

83. Doubilet PM, Benson CB. Ultrasound of the early first trimester. In: Norton M, Scutt L, Feldstein V, eds. *Callen's Ultrasonography in Obstetrics and Gynecology, 6th Edition*. Philadelphia: Elsevier. 2015 (in press). MEDIA5022
84. Wax JR, Benacerraf BR, Copel J, O'Keefe D, Riley L, Minkoff H, Johnson A, Benson CB, Coleman B, Levine D, Henningsen C. Consensus report on 76811 scan-modification. Letter. *J Ultrasound Med* 2015; 34:194-1915.
85. Bower WA, Hendricks K, Pillai S, Guarnizo J, Meaney-Delman E, Centers for Disease Control and Prevention expert panel (panel member). Clinical Framework and Medical Countermeasure Use During an Anthrax Mass-Casualty Incident: CDC Recommendations. *MMWR* 2015; 64:1-28.
86. Benson CB, Doubilet PM. Fetal measurements, normal and abnormal fetal growth and assessment of fetal well-being. In: Rumack CM, Wilson SR, Charbonneau JW, Levine D, eds. *Diagnostic Ultrasound, 5th Edition*. Philadelphia: Mosby Elsevier Publishers, 2016 (in press).
87. Benson CB, Frates MC. Color Duplex Scanning of the Hepatoportal Circulation. In: AbuRahma AF. *Noninvasive Vascular Diagnosis: A Practical Guide to Therapy, 4th Edition*. New York: Springer 2016 (in press).
88. Benson CB. Duplex ultrasound evaluation of the male genitalia. In: Pellerito JS, Polak JF, eds. *Introduction to Vascular Ultrasound, 7th Edition*. Philadelphia: Elsevier 2017 (in press).

Books and Journals

1. Benson CB, Jones TB, Lavery MJ, Platt L. *Atlas of Obstetrical Ultrasound*. Philadelphia, PA: JB Lippincott, 1988.
2. Benson CB, Doubilet PM. Guest editors. *Semin Ultrasound CT MR* 1991; 12:93-190.
3. Bluth EI, Arger P, Benson CB, Ralls PW, Siegel MJ (eds). *Ultrasound, A Practical Approach to Clinical Problems*. New York: Thieme Medical and Scientific Publishers. 2000.
4. Benson CB, Arger P, Bluth EI, editors. *Ultrasound in Obstetrics and Gynecology, A Practical Approach*. New York: Thieme Medical and Scientific Publishers. 2000.
5. Goldstein SR, Benson CB, editors. *Imaging in the Infertile Couple*. London: Martin Dunitz Ltd. 2001.
6. Bluth EI, Arger P, Benson CB, Ralls PW, Siegel MJ (eds). *Ultrasonography in Vascular Diseases, A Practical Approach to Clinical Problems*. New York: Thieme Medical and Scientific Publishers. 2001.

DOCUMENT

12/17/2023 03:06:07

PM

7. Bluth EI, Arger P, Benson CB, Ralls PW, Siegel MJ (eds). *Ultrasonography in Urology, A Practical Approach to Clinical Problems*. New York: Thieme Medical and Scientific Publishers. 2001.
8. Doubilet PM, Benson CB. *Atlas of Ultrasound in Obstetrics and Gynecology*. Philadelphia: Lippincott, Williams, and Wilkens. 2003
9. Bluth EI, Benson CB, Ralls PW, Siegel MJ (eds). *Ultrasound, A Practical Approach to Clinical Problems 2nd Edition*. New York: Thieme Medical and Scientific Publishers. 2008.
10. Doubilet PM, Benson CB. *Your Developing Baby*. Columbus, OH. McGraw-Hill Companies. 2008
11. Doubilet PM, Benson CB. *Atlas of Ultrasound in Obstetrics and Gynecology, Second Edition*. Philadelphia: Lippincott, Williams, and Wilkens. 2011.

Videotapes and CDROM Publications and Other Educational Material

1. Doubilet PM, Benson CB. Videotape. Guidelines for performance of the abdominal and retroperitoneal ultrasound examination. American Institute of Ultrasound in Medicine, 1994.
2. Polak J, Benson CB, Doubilet PM. Videotape. Guidelines for performance of vascular ultrasound. American Institute of Ultrasound in Medicine, 1996.
3. Doubilet PM, Benson CB. Videotape. Guidelines for performance of the obstetrical ultrasound examination. American Institute of Ultrasound in Medicine, 1996.
4. Goldstein SR, Benson CB. Videotape. Standards for performance of ultrasound examination of the female pelvis. 1997
5. Benson CB. Fetal Cleft Lip and Palate. Ultrasound CDROM Project, Fetal Imaging Resources, Inc. and ACOG. 1998.
6. Benson CB. Fetal Cystic Adenomatoid Malformation. Ultrasound CDROM Project, Fetal Imaging Resources, Inc. and ACOG. 1998.
7. Benson CB. Fetal Double Collecting System. Ultrasound CDROM Project, Fetal Imaging Resources, Inc. and ACOG. 1998.
8. Benson CB. Fetal Spina Bifida. Ultrasound CDROM Project, Fetal Imaging Resources, Inc. and ACOG. 1998.

NOT ORIGINAL

DOCUMENT

12/17/2023 03:06:07

PM

9. Benson CB. Fetal Heart. ACR-SRU Obstetrical Ultrasound Lecture Series. 2006
10. Benson CB. Fetal Genitourinary Tract. ACR-SRU Obstetrical Ultrasound Lecture Series. 2006
11. Benson CB. Fetal Skeleton. ACR-SRU Obstetrical Ultrasound Lecture Series. 2006
12. Benson CB. Sonographic Evaluation of the Placenta, Umbilical Cord, and Cervix. ACR-SRU Obstetrical Ultrasound Lecture Series. 2006
13. Doubilet PM, Odulate A, Benson CB. Obstetrical Case of the Day. Radiological Society of North America, Chicago, IL 2007
14. Doubilet PM, Ritner J, Benson CB. Obstetrical Case of the Day. Radiological Society of North America, Chicago, IL 2008
15. Benson CB. Scrotal Ultrasound. Comprehensive Review of Urology Lecture Series. 2015

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DOCUMENT

12/17/2023 03:06:07

PM

Abstracts:

MEDIA5022

1. Benson CB, Doubilet PM, Saltzman DH, Jones TB. FL/AC ratio: poor predictor in intrauterine growth retardation. AUR, Nashville, TN, May 1985.
2. Benson CB, Doubilet PM, Saltzman DH, Jones TB. FL/AC ratio: poor predictor of macrosomic fetuses in diabetic mothers. AIUM, Dallas, TX, October, 1985.
3. Benson CB, Doubilet PM, Saltzman DH. Predictive value of criteria for antenatal diagnosis of intrauterine growth retardation. RSNA, Chicago, IL, November, 1985.
4. Benson CB, Doubilet PM, Saltzman DH. Sonographic determination of fetal weights in diabetic pregnancies. AIUM, Las Vegas, NV, September, 1986.
5. Benson CB, Loughlin KR, Fine C, Bundy AL, Dobkin GR, Doubilet PM. Intrascrotal lesions: clinical-sonographic-pathologic correlation. AIUM, Las Vegas, NV, September, 1986.
6. Benson CB, Loughlin KR, Richie J. Intrascrotal lesions: clinical-sonographic-pathologic correlation. AUA, St. Thomas, US Vir. Is., October, 1986.
7. Fine C, Davidoff A, Cartier MS, Hirsh MP, Warneke LA, Bannon ST, Federici BM, Dobkins GR, Bundy AL, Benson CB, Doubilet PM. Fetal cardiac evaluation using the segmental approach to diagnosis in congenital heart disease. RSNA, Chicago, IL, November, 1986.
8. Benson CB, Boswell SB, Saltzman DH, Doubilet PM. Improved prediction of intrauterine growth retardation using multiple parameters. RSNA, Chicago, IL, December, 1986.
9. Benson CB, Doubilet PM. "Head sparing" in fetuses with intrauterine growth retardation: does it really occur? RSNA, Chicago, IL, December, 1986.
10. Tumeh SS, Benson CB, English RJH, Holman BL. The role of single photon emission computed tomography -- Tc-99m red blood cells in the diagnosis of cavernous hemangioma of the liver. RSNA, Chicago, IL, December, 1986.
11. Benson CB, Boswell SB, Brown D, Doubilet PM. A practical and reliable method for diagnosing intrauterine growth retardation using multiple parameters. AIUM, New Orleans, LA, October, 1987.
12. Benson CB, Teele RL, Dobkin GR, Fine C, Bundy AL, Doubilet PM. Congenital anomalies of the neonatal head. AIUM, New Orleans, LA, October, 1987.

NOT ORIGINAL

DOCUMENT

12/17/2023 03:06:07

PM

13. Fine C, Davidoff A, Cartier MS, Hirsh MP, Warneke LA, Bannon ST, Federici BM, Dobkin GR, Bundy AL, Benson CB, Doubilet PM. Fetal cardiac evaluation using the segmental approach to diagnosis in congenital heart disease. AIUM, LA, October, 1987.
14. Panicek DM, Benson CB, Chew FS, Gottlieb RH, Heitzman ER. The diaphragm: anatomic, pathologic, and radiologic considerations. RSNA, Chicago, IL, November, 1987.
15. Benson CB, Teele RL, Dobkin GR, Fine C, Bundy AL, Doubilet PM. Congenital anomalies of the neonatal head. RSNA, Chicago, IL, November, 1987.
16. Brown DL, Benson CB, Driscoll SG, Bundy AL, Fine C, Dobkin GR, Doubilet PM. Sonographic spectrum of twin-twin transfusion syndrome. RSNA, Chicago, IL, November, 1987.
17. Benson CB, Doubilet PM. Doppler criteria for intrauterine growth retardation: predictive values. RSNA, Chicago, IL, December, 1987.
18. Tumeh SS, Benson CB, English RJ, Holman BL. Role of SPECT Tc-99m red blood cell in the diagnosis of cavernous hemangioma of the liver. RSNA, Chicago, IL, December, 1987.
19. Panicek DM, Benson CB, Chew FS, Gottlieb RH, Heitzman ER. The diaphragm: anatomic, pathologic, and radiologic considerations. ARRS, San Francisco, CA, May, 1988.
20. Benson CB, Teele RL, Dobkin GR, Fine C, Bundy AL, Doubilet PM. Congenital anomalies of the neonatal head. ARRS, San Francisco, CA, May, 1988.
21. Brown DL, Benson CB, Driscoll SG, Bundy AL, Fine C, Dobkin GR, Doubilet PM. Sonographic spectrum of twin-twin transfusion syndrome. ARRS, San Francisco, CA, May, 1988.
22. Benson CB, Belville JD, Lentini JF, Doubilet PM. Diagnosis of intrauterine growth retardation using multiple parameters: a prospective study. AIUM, Washington, DC, October, 1988.
23. Vickers MA, Benson CB. The diagnostic value of duplex ultrasonography with intracavernous papaverine in patients with erectile dysfunction. AUA, Bermuda, October, 1988.
24. Benson CB, Doubilet PM. Fetal measurements for predicting gestational age in the second and third trimester: a reappraisal with a more reliable gold standard. RSNA, Chicago, IL, November, 1988.

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NOT ORIGINAL

DOCUMENT

12/17/2023 03:06:07

PM

25. Benson CB, Vickers MA. Evaluation of impotence with high-resolution US and Doppler. RSNA, Chicago, IL, November, 1988.
26. Benson CB, Doubilet PM. Amniotic fluid volume in the large-for-gestational-age fetus. RSNA, Chicago, IL, November, 1989.
27. Benson CB, Di Salvo DN, Loughlin KR, Vickers MA, Richie JP, Doubilet PM. Transrectal ultrasound of the prostate in men at high risk for cancer. AIUM, New Orleans, LA, March, 1990.
28. Wax MR, Benson CB, Doubilet PM, Yeh J. First trimester sonographic findings in in-vitro fertilization pregnancies. RSNA, Chicago, IL, November, 1990.
29. Benson CB, Doubilet PM, Vickers MA. High resolution imaging of the penis. RSNA, Chicago, IL, November, 1990.
30. Benson CB, Kay J, Owen WF, Lazarus JM. Ultrasound diagnosis of musculoskeletal amyloidosis in patients on chronic hemodialysis. AIUM, Atlanta, GA, February, 1991.
31. Brown DL, Teele RL, Di Salvo DN, Benson CB, Doubilet PM. Echogenic material in the fetal gallbladder: sonographic and clinical observations. AIUM, Atlanta, GA, February, 1991.
32. Laks MP, Doubilet PM, Benson CB, Penso C. Relationship between obstetrical sonographic findings and antepartum breech version success rate. AIUM, Atlanta, GA, February, 1991.
33. Benson CB, Vickers MA, Doubilet PM. High resolution imaging of the penis. AUA, Toronto, Can., June, 1991.
34. Brown DL, Benson CB, Doherty FJ, Doubilet PM, Di Salvo DN, Van Alstyne GA, Vickers MA, Loughlin KR. Dilated rete testis producing testicular mass on ultrasound. WFUMB Copenhagen, Denmark, September, 1991.
35. Benson CB, Aruny J, Vickers MA. Correlation of duplex ultrasound with angiography in patients with erectile dysfunction. NE Section AUA, Dixville Notch, NH, October, 1991.
36. Benson CB, Aruny J, Vickers MA. Correlation of duplex ultrasound with angiography in patients with erectile dysfunction. RSNA, Chicago, IL, December, 1991.
37. Brown DL, Benson CB, Doherty FJ, Doubilet PM, Di Salvo DN, Van Alstyne GA, Vickers MA, Loughlin KR. Dilated rete testis producing testicular mass on ultrasound. RSNA, Chicago, IL, December, 1991.
38. Frates M, Benson CB, Doubilet PM. Pregnancy outcome following a normal first trimester sonogram. AIUM, San Diego, CA, March, 1992.

MEDIA5022

NOT ORIGINAL

DOCUMENT

12/17/2023 03:06:07

PM

39. Benson CB, Aruny J, Vickers MA. Correlation of duplex ultrasound with angiography in patients with erectile dysfunction. AUA, Washington, DC, May, 1992.
40. Benson CB, Doubilet PM. Outcome of twin gestations following a first trimester ultrasound demonstrating two heartbeats. AFSUMB, Seoul, Korea, August, 1992.
41. Benson CB, Doubilet PM, Laks MP. Outcome of twin gestations following a first trimester ultrasound demonstrating two heartbeats. RSNA, Chicago, IL, November, 1992.
42. Brown DL, Di Salvo DN, Frates MC, Doubilet PM, Benson CB, Laing FC, Parness IA. Normal variants and pitfalls in the sonographic evaluation of fetal heart. RSNA, Chicago, IL, November, 1992.
43. Di Salvo DN, Brown DL, Doubilet PM, Benson CB, Frates MC. Clinical significance of isolated fetal pericardial effusion. AIUM, Honolulu, HI, March, 1993.
44. Brown DL, Di Salvo DN, Frates MC, Doubilet PM, Benson CB, Laing FC, Parness IA. Normal variants and pitfalls in the sonographic evaluation of fetal heart. ARRS, San Francisco, CA, May, 1993.
45. Ginsburg ES, Benson CB, Garfield JG, Gleason RE, Friedman AJ. A randomized trial of myomectomy by pharmacologic vascular constriction versus mechanical vascular occlusion techniques. Society for Gynecologic Investigation, Toronto, ON, Canada, April, 1993.
46. Brown DL, Frates MC, Laing FC, Di Salvo DN, Doubilet PM, Benson CB, Waitzkin ED, Muto MG. Benign versus malignant ovarian masses: Can they be distinguished by color and pulsed Doppler ultrasound. RSNA, Chicago, IL, November, 1993.
47. Laing FC, Frates MC, Brown DL, Benson CB, Di Salvo DN, Doubilet PM. Fetal posterior fossa pitfalls. False diagnosis of pseudo mega-cisterna magna and/or dandy walker variant. RSNA, Chicago, IL, November, 1993.
48. Laing FC, Benson CB, Di Salvo DN, Brown DL, Frates MC, Loughlin KR. Sonographic detection of distal ureteral calculi by vaginal sonography. RSNA, Chicago, IL, November 1993.
49. Benson CB, Doubilet PM. Slow fetal heart rate in early first trimester carries a dismal prognosis. AIUM, Baltimore, MD, March, 1994.
50. Benson CB, Doubilet PM, David V. Prognosis of twin pregnancies following first trimester sonography: polychotomous logistic regression analysis. AIUM, Baltimore, MD, March, 1994.

NOT ORIGINAL

DOCUMENT

12/17/2023 03:06:07

PM

51. Frates MC, Benson CB, Doubilet PM, Di Salvo DN, Brown DL, Laing FC, Osathanondh R. The sonographic diagnosis and conservative treatment of cervical ectopic pregnancies. AIUM, Baltimore, MD, March, 1994. MEDIA5022
52. Comiter CV, Benson CB, Capelouto CC, Kantoff P, Shulman L, Richie JP, Loughlin KR. Nonpalpable intratesticular masses detected sonographically. AUA. April, 1995.
53. Benson CB, Doubilet PM, Cooney MJ, Frates MC. Pregnancy outcome following first trimester sonogram: significance of maternal age, mode of conception, maternal symptoms, and sonographic findings. SRU, Chicago, IL, October, 1995.
54. Doubilet PM, Greenes RA, Bell DS, Dichter MS, Benson CB, Fener EF. Computer-based reporting of ultrasound examinations: A time- and money-saving alternative to dictating. SRU, Chicago, IL, October, 1995.
55. Benson CB, Cooney MJ, Doubilet PM, Frates MC. Pregnancy outcome following a first trimester sonogram: Significance of maternal symptoms and sonographic abnormalities. RSNA, Chicago, IL, November, 1995.
56. Cooney MJ, Benson CB, Doubilet PM. Outcome of pregnancies in bicornuate uteri. RSNA, Chicago, IL, November, 1995.
57. Benson CB, Doubilet PM, Cooney MJ, Frates MC, Vivek D, Hornstein MD. Effect of maternal age and mode of conception on ultimate outcome of first trimester pregnancies. RSNA, Chicago, IL, November, 1995.
58. Doubilet PM, Greenes RA, Bell DS, Dichter MS, Benson CB, Fener EF. Computer-based reporting of ultrasound examinations: A time- and money-saving alternative to dictating. RSNA, Chicago, IL, November, 1995.
59. Brown DL, Doubilet PM, Miller FH, Frates MC, Laing FC, Di Salvo DD, Benson CB. Benign versus malignant ovarian masses: Selection of the most discriminating gray scale and Doppler sonographic features using stepwise logistic regression. RSNA, Chicago, IL, November, 1995.
60. Frates MC, Doubilet PM, Brown DL, Benson CB, Di Salvo DD, Laing FC. The role of Doppler in the prediction of pregnancy outcome in patients with recurrent miscarriages. RSNA, Chicago, IL, November, 1995.
61. Frates MC, Doubilet PM, Brown DL, Benson CB, Di Salvo DD, Laing FC. The role of Doppler in the prediction of pregnancy outcome in patients with recurrent miscarriages. AIUM, New York, NY, March, 1996.
62. Doubilet PM, Benson CB, Nadel AS, Ringer SA. Improved newborn weight table developed with neonates dated by early ultrasound. SRU, San Francisco, CA, October, 1996.

63. Doubilet PM, Benson CB, Nadel AS, Ringer SA. Improved newborn weight table developed with neonates dated by early ultrasound. RSNA, Chicago, IL, December, 1996. MEDIA5022
64. Brown DL, Doubilet PM, Miller FH, Frates MC, Laing FC, Di Salvo DD, Lerner M, Benson CB. Benign versus malignant ovarian masses: selection of the most discriminating gray scale and Doppler sonographic features using logistic regression. RSNA, Chicago, IL, December, 1996.
65. Doubilet PM, Benson CB, Nadel AS, Ringer SA. Improved newborn weight table developed with neonates dated by early ultrasound. AIUM, San Diego, CA, March, 1997.
66. Frates MC, Benson CB, Di Salvo DN, Laing FC, Brown DL, Doubilet PM. Sonographically solid extratesticular masses - not necessarily benign. AIUM, San Diego, CA, March, 1997.
67. Di Salvo DN, Laing FC, Brown DL, Frates MC, Benson CB, Doubilet PM. Sonographic evaluation of placental cord insertion site. AIUM, San Diego, CA, March, 1997.
68. Frates MC, Benson CB, Di Salvo DN, Laing FC, Brown DL, Doubilet PM. Sonographically solid extratesticular masses - not necessarily benign. ARRS, Boston, MA, May, 1997.
69. Di Salvo DN, Laing FC, Brown DL, Frates MC, Benson CB, Doubilet PM. Sonographic evaluation of placental cord insertion site. ARRS, Boston, MA, May, 1997.
70. Doubilet PM, Benson CB. The "appearing twin": undercounting of multiple gestations on early first trimester sonograms. SRU, Washington, DC, October, 1997.
71. Korbin CD, Benson CB, Doubilet PM. Pregnancy outcome with amniotic sheets/uterine synechiae: does placental implantation on the amniotic sheet matter? SRU, Washington, DC, October, 1997.
72. Korbin CD, Benson CB, Doubilet PM. Pregnancy outcome with amniotic sheets/uterine synechiae: does placental implantation on the amniotic sheet matter? RSNA, Chicago, IL, December, 1997.
73. Haimovici JA, Doubilet PM, Benson CB, Frates MC. Clinical significance of isolated enlargement of the cisterna magna (>10 mm) on prenatal sonography. RSNA, Chicago, IL, December, 1997.
74. Di Salvo DN, Brown DL, Frates MC, Benson CB, Doubilet PM. Sonographic evaluation of the placental cord insertion in twin gestations. RSNA, Chicago, IL, December, 1997.

NOT ORIGINAL

DOCUMENT

12/17/2023 03:06:07

PM

75. Korbin CD, Benson CB, Doubilet PM. Pregnancy outcome with amniotic sheets/uterine synechiae: does placental implantation on the amniotic sheet matter? AIUM, Boston, MA, March, 1998. MEDIA5022
76. Doubilet PM, Benson CB. The "appearing twin": undercounting of multiple gestations on early first trimester sonograms. AIUM, Boston, MA, March, 1998.
77. Di Salvo DN, Brown DL, Frates MC, Benson CB, Doubilet PM. Sonographic evaluation of the placental cord insertion in twin gestations. AIUM, Boston, MA, March, 1998.
78. Frates MC, Durfee S, Doubilet PM, Di Salvo DN, Laing FC, Brown DL, Benson CB, Hill JA. Sonographic and Doppler characteristics of the corpus luteum: can they predict pregnancy outcome. AIUM, Boston, MA, March, 1998.
79. Doubilet PM, Benson CB. What is the long-term prognosis for fetuses with slow and rapid embryonic heart rates in the early first trimester? SRU, San Diego, CA, October, 1998.
80. Chow JS, Benson CB, Doubilet PM. The frequency and nature of structural anomalies in fetuses with single umbilical arteries. RSNA, Chicago, IL, November, 1998.
81. Norton ME, Lieberman E, Benson CB, Rahemtullah A. Pregnancy outcome after prenatal diagnosis of umbilical vein varix. Society of Maternal-Fetal Medicine, San Francisco, CA, January, 1999.
82. Doubilet PM, Benson CB. Outcome of pregnancies with rapid embryonic heart rates in early first trimester. AIUM, San Antonio, TX, March, 1999.
83. Doubilet PM, Benson CB. Long-term prognosis of pregnancies complicated by slow embryonic heart rates in the early first trimester. AIUM, San Antonio, TX, March, 1999.
84. Ledbetter S, Benson CB, Doubilet PM, Aliabadi P. Appendiceal ultrasound: how does it perform and when does CT help? American Society of Emergency Radiology, Las Vegas, NV, March, 1999.
85. Benson CB, Benacerraf BR, Doubilet PM. Fetal surgery: in utero placement of tracheal clip for diaphragmatic hernia, SRU, October, 1999.
86. Benson CB, Genest DR, Bernstein MR, Soto-Wright V, Goldstein DP, Berkowitz RS. Sonographic appearance of first trimester complete hydatidiform Pregnancy. RSNA, Chicago, IL, December, 1999.
87. Di Salvo DN, Benson CB, Brown DL, Frates MC, Laing FC, Doubilet PM. Sonographic and color Doppler diagnosis of placental cord insertions in multiple gestations. RSNA, Chicago, IL, December, 1999.

NOT ORIGINAL

DOCUMENT

12/17/2023 03:06:07

PM

88. Tempany CMC, Frates MC, Kumar A, Ward V, Benson CB. MR evaluation of fetal anomalies of the central nervous and genitourinary systems. RSNA, Chicago, IL, December, 1999. MEDIA5022
89. Robinson JN, Benson CB, McElrath TF, Holmes L, Doubilet PM, Lieberman ES, Norwitz ER. Prenatal ultrasound and the diagnosis of fetal cleft lip. SMFM, January, 2001
90. Smith AM, Benson CB, Sophis J, Khorasani R. Time saving and sonographer acceptance of PACS in an ultrasound department. AIUM, Orlando, FL, March, 2001
91. Durfee SM, Kim FM, Benson CB. Postnatal outcome of fetuses with the prenatal diagnosis of asymmetric hydrocephalus. AIUM, Orlando, FL, March, 2001
92. Robinson JN, Benson CB, McElrath TF, Holmes L, Doubilet PM, Lieberman ES, Norwitz ER. Prenatal ultrasound and the diagnosis of fetal cleft lip. AIUM, Orlando, FL, March, 2001
93. Frates MC, Benson CB, Doubilet PM, Larsen PR, Cibas ES, Marqusee E. Can color Doppler predict malignancy of thyroid nodules? SRU, New Orleans, LA, October, 2001
94. Frates MC, Benson CB, Doubilet PM, Larsen PR, Cibas ES, Marqusee E. Can color Doppler predict malignancy of thyroid nodules? RSNA, Chicago, IL, November, 2001
95. McElrath TF, Kaimal A, Benson CB, Heffner LJ, Ringer S, Acker D. Gestational age at delivery of triplet pregnancies as a function of cervical length throughout gestation. SMFM, New Orleans, LA, January, 2002
96. Frates MC, Benson CB, Doubilet PM, Larsen PR, Cibas ES, Marqusee E. Can color Doppler predict malignancy of thyroid nodules? AIUM, Nashville, TN, March 2002.
97. Durfee SM, Benson CB, Wilson. J. Postnatal outcome of fetuses with the prenatal diagnosis of gastroschisis. AIUM, Nashville, TN, March 2002
98. Alexander EK, Hurwitz S, Heering JP, Frates MC, Benson CB, Doubilet PM, Cibas E, Larsen PD, Marqusee E. Natural history of benign solid and cystic thyroid nodules. Endocrine Society, San Francisco, CA, June 2002
99. Doubilet PM, Benson CB, Wilkins-Haug L, Ringer S. Fetuses in pregnancies that ultimately deliver prematurely are smaller than gestational-age-matched fetuses not delivered prematurely. SRU, San Francisco, CA, October, 2002
100. Rand L, Robinson JN, Doubilet PM, Benson CB, Norwitz ER. Inadequate visualization of fetal heart at routine second trimester ultrasound: is follow-up indicated? ACOG District I Annual Meeting, Southampton, Bermuda, October, 2002

NOT ORIGINAL

DOCUMENT

12/17/2023 03:06:07

PM

101. Frates MC, Benson CB, Zou KH, Doubilet PM, Merritt CRB. Does hands-on obstetric scanning influence performance on the ultrasound section of the oral boards? SRU, San Francisco, CA, October 2002
102. Doubilet PM, Benson CB, Wilkins-Haug L, Ringer S. Fetuses in pregnancies that ultimately deliver prematurely are smaller than gestational-age-matched fetuses not delivered prematurely. RSNA, Chicago, IL, December, 2002
103. Frates MC, Benson CB, Zou KH, Doubilet PM, Merritt CRB. Does hands-on obstetric scanning influence performance on the ultrasound section of the oral boards? AUR, Miami, FL, April 2003
104. Myers LB, Bulich LA, Mizrahi A, Barnewolt C, Estroff J, Benson C, Kim HB, Jennings R. Ultrasonographic guidance for location of the trachea during the EXIT procedure for cervical teratoma. J Pediatr Surg. 2003 Apr;38(4):E12
105. C Limperopoulos, CB Benson, D Disalvo, H Bassan JS Soul, SA Ringer, JJ Volpe, AJ du Plessis. Ultrasonographic Accompaniments and Predictors of Cerebellar Hemorrhage in the Preterm Infant. Child Neurology Society Meeting, Miami, FL, October 2003
106. Bassan H, Benson CB, Limperopoulos C, DiSalvo D, Sarnie M, Veracruz E, Soul JS, Volpe JJ, du PlessisAJ. Periventricular Hemorrhagic Infarction, Clinical Antecedents and Ultrasonographic Accompaniments. Child Neurology Society Meeting, Miami, FL, October 2003
107. Mammen L, Benson CB. Outcome Of Fetuses With Clubfeet Diagnosed By Prenatal Ultrasound. Society of Radiologists in Ultrasound, Chicago, IL, October 2003
108. Gargiulo AR, Ginsburg ES, Politch JA, Benson CB. Transabdominal follicular aspiration for oocyte retrieval in patients with abnormal pelvic anatomy. American Society for Reproductive Medicine, San Antonio, TX, October, 2003
109. Mammen L, Benson CB. Outcome Of Fetuses With Clubfeet Diagnosed By Prenatal Ultrasound. Radiologic Society of North America, Chicago, IL, December, 2003
110. Durfee SM, Frates MC, Luong A, Benson CB, The Sonographic Features of Retained Products of Conception, American Institute of Ultrasound in Medicine, Phoenix, AZ, June 2004
111. Rahbar R, Vogel A, Myers LB, Bulich LA, Wilkins-Haug L, Benson CB, Grable IA, Levine D, Fishman SJ, Jennings RW, Estroff JA, Barnewolt CE. Fetal Surgery in Otolaryngology: A New Era in Diagnosis and Management of Fetal Airway Obstruction due to Advances in Prenatal Imaging, America Society of Pediatric Otolaryngology, Phoenix, AZ, May 2004

MEDIA5022

NOT ORIGINAL

DOCUMENT

12/17/2023 03:06:07

PM

112. Frates MC, Benson CB, Doubilet PM, Marqusee E, Contreras M, Cibas, ES, Alexander E, Larsen PR. Likelihood of Thyroid Cancer Based on Sonographic Assessment of Nodule Size and Composition. Society of Radiologists in Ultrasound, Washington, DC, October, 2004
113. Doubilet PM, Benson CB. Prognosis for Embryos with a Slow Heart Rate at 6-7 Weeks Gestation and Normal Heart Rate on a Follow-up Scan by 8 Weeks. Society of Radiologists in Ultrasound, Washington, DC, October, 2004
114. Tworetzky W, Marshall AC, Byers LB, Bergersen LJ, Jennings RT, Benson CB, Lock JE, Wilkins-Haug LE. Fetal Cardiac Interventions: Fetal and Maternal Complications and Treatment. America Heart Association, New Orleans, LA, November, 2004.
115. Frates MC, Benson CB, Doubilet PM, Marqusee E, Contreras M, Cibas, ES, Alexander E, Larsen PR. Likelihood of Thyroid Cancer Based on Sonographic Assessment of Nodule Size and Composition, Radiologic Society of North America, Chicago, IL, December, 2004
116. Chow JS, Benson CB, Liebowitz R. The Clinical Significance of an Empty Renal Fossa on Prenatal Ultrasound, Radiologic Society of North America, Chicago, IL, December, 2004
117. Doubilet PM, Benson CB. Prognosis for Embryos with a Slow Heart Rate at 6-7 Weeks Gestation and Normal Heart Rate on a Follow-up Scan by 8 Weeks. Radiologic Society of North America, Chicago, IL, December, 2004
118. Allen RH, Benson CB, Wilkins-Haug L. Pregnancy Outcome of Fetuses Diagnosed with Hypoplastic Left Ventricle on Prenatal Sonogram. Society for Maternal-Fetal Medicine, Reno, NV, February, 2005
119. Frates MF, Benson CB, Doubilet PM, Marqusee E, Cibas ES, Contreras M, Larsen PR, Alexander EK. Likelihood of thyroid cancer based on sonographic assessment of nodule size and composition. American Institute of Ultrasound in Medicine, Orlando, FL, June, 2005
120. Benson, CB. Ultrasound guidance for fetal cardiac interventions. Society of Radiologists in Ultrasound, Chicago, IL, October, 2005
121. Chapman E, Robinson J, Benson CB, Wolfberg A. Association of Congenital Anomalies and Umbilical Cord Cysts. Society of Maternal Fetal Medicine, Miami, FL, February 2006
122. Green GE, Benson CB, Morteale KJ, Glickman JN. Brenner tumor of the ovary: sonographic and computed tomographic imaging features. Society of Uroradiologists. Kauai, Hawaii, February 2006

NOT ORIGINAL

DOCUMENT

12/17/2023 03:06:07

PM

123. Chapman E, Robinson J, Benson CB, Wolfberg A. Association of Congenital Anomalies and Umbilical Cord Cysts. American Institute of Ultrasound in Medicine, Washington, DC, March 2006
124. Benson CB, Wilkins-Haug, L, Tworetzky W, Marshall A, Bergersen L, Marx G, Lock J. Ultrasound-guided in Utero Treatment of Fetuses with Congenital Heart Disease. World Federation of Ultrasound in Medicine and Biology, Seoul, Korea, May 2006
125. Reiss R, Benson CB, Gerrol P, Athanassiou A, Wilkins-Haug L. Outcome of monochorionic diamniotic twins discordant for 1st trimester cystic hygroma or large nuchal translucency. American Institute of Ultrasound in Medicine, New York, New York, March 2007.
126. Frates MC, Bueno R, Benson CB. Ultrasound guided fine needle aspiration of mesothelioma for DNA analysis. Society of Radiologists in Ultrasound, Chicago, IL, October 2007.
127. Skiadas CC, Missmer SA, Benson CB, Racowsky C. The effect of selective reduction on obstetrical outcomes of IVF triplets. American Society for Reproductive Medicine, San Francisco, November 2008.
128. Ranganath S, Durfee S, Katz D, Pettigrew C, Jennings R, Ecker J, House M, Benson CB, Wolfberg A. Accuracy of ultrasound to predict estimated weight in fetuses with gastroschisis. Society of Maternal Fetal Medicine, San Diego, CA, January 2009.
129. Smith NA, Benson CB, Economy K, Santolaya J, Wilkins-Haug L, Acker D, Robinson JN. The natural history of monochorionic diamniotic pregnancy. Society of Maternal Fetal Medicine, San Diego, CA, January 2009.
130. Ranganath S, Durfee S, Katz D, Pettigrew C, Jennings R, Ecker J, House M, Benson CB, Wolfberg A. Accuracy of ultrasound to predict estimated weight in fetuses with gastroschisis. New England Perinatal Society, Boston, MA, March 2009.
131. Pettigrew C, Durfee S, Ranganath S, Katz D, Jennings R, Craigo S, Ecker J, House M, Benson CB, Wolfberg A. Effect of delivery prior to 36 weeks' gestational age on outcome of patients with gastroschisis. New England Perinatal Society, Boston, MA, March 2009.
132. Braaten KP, Benson CB, Govindarajulu U, Goldberg AB. Malpositioned IUDs: Risk factors, outcomes and future pregnancies. Reproductive Health 2009, Los Angeles, CA, October 2009.
133. Doubilet PM, Benson. The double sac sign is sooooo 20th century, Society of Radiologists in Ultrasound, Chicago, IL, October, 2009.

MEDIA5022

NOT ORIGINAL

DOCUMENT

12/17/2023 03:06:07

PM

134. Rezak A, Weinmann M, Benson C, Kelly E. Ultrasound-guided placement of percutaneous dilatational tracheostomy, 5th Annual Academic Surgical Congress, San Antonio TX, February 2010. MEDIA5022
135. Unger C, Benson CB, Cape A, Einarsson JI, McElrath TF. Interaction of cerclage and cervical Length: an analysis of median cervical lengths in singleton and multifetal pregnancies. Society for Maternal Fetal Medicine, Chicago, IL, January 2010.
136. Doubilet PD, Benson CB. Double Sac Sign of Early Intrauterine Pregnancy: Is This 20th Century Sign Reliable Using 21st Century Equipment? American Institute of Ultrasound in Medicine, San Diego, CA, March 2010.
137. Barton SE, Politch JA, Benson CB, Ginsburg ES, Gargiulo AR. Transabdominal follicular aspiration for patients with ovaries inaccessible by transvaginal ultrasound. ASRM, Denver, CO, October 2010.
138. Frates MC, Benson CB, Stober S. Dancing sperm on scrotal ultrasound: is it associated with vasectomy? Society of Radiologists in Ultrasound, Las Vegas, NV, October 2010.
139. Frates MC, Benson CB, Stober S. Dancing sperm on scrotal ultrasound: is it associated with vasectomy? Radiologic Society of North America, Chicago, IL, December 2010.
140. Durfee S, Iyer C, Heard A, Panda B, Coletta J, Scholl J, Ammari RA, Kaplan J, Tanner C, Benson CB. The incidence of anomalies in fetuses with a cystic hygroma and a normal karyotype. Society of Maternal Fetal Medicine, San Francisco, CA, February, 2011.
141. Durfee S, Iyer C, Heard A, Panda B, Coletta J, Scholl J, Ammari RA, Kaplan J, Tanner C, Benson CB. The incidence of anomalies in fetuses with a cystic hygroma and a normal karyotype. American Institute of Ultrasound in Medicine, New York, NY, April 2011.
142. Pluchinotta FR, Marshall AC, McElhinney DB, Wilkins-Haug LE, Benson CB, Sanders SP, Lock JE, Tworetzky W. Resolution of aortic regurgitation following fetal balloon aortic valvuloplasty. American Heart Association, Orlando, FL, November 2011.
143. Doubilet PM, Benson CB. Further evidence against the reliability of the HCG discriminatory level. Radiologic Society of North America, Chicago, IL, November 2011.
144. McMahan GM, McGovern ME, Bijol V, Benson CB, Foley R, Munkley K, Schnipper J, Franz C, Lin J. Development of an Outpatient Native Kidney Biopsy Service: A Multidisciplinary Approach. American Society of Nephrology, Philadelphia, PA, November 2011
145. Dukhovny S, Shipp T, Benson CB, Wilkins-Haug L, Reiss R. Absent fetal nasal bone: what does it mean? Society for Maternal Fetal Medicine, Dallas, TX, February, 2012.

NOT ORIGINAL

DOCUMENT

12/17/2023 03:06:07

PM

146. Jessel R, Thomas A, Robinson J, Benson CB, Smith N. Amniotic fluid assessment in monochorionic diamniotic twins: which technique correlates best with the neonatal outcome? American Institute of Ultrasound in Medicine, Phoenix, AZ, March, 2012.
147. Benson CB, Doubilet PM, Peters HE, Frates MC. "Pseudogestational sac" of ectopic pregnancy: an outmoded and potentially dangerous term. International Society of Ultrasound in Obstetrics and Gynecology. Copenhagen, Denmark. September, 2012.
148. Doubilet PM, Benson CB, Frates MC. Ultrasound-Guided Treatment of Pregnancies in Abnormal Locations: Report of Our 20 Years of Experience. International Society of Ultrasound in Obstetrics and Gynecology. Copenhagen, Denmark. September, 2012.
149. Frates MC, Doubilet PM, Peters HE, Benson CB. Extraovarian Adnexal Sonographic Findings in Ectopic Pregnancy: A Reappraisal. Society of Radiologists in Ultrasound, Baltimore, MD, October 2012.
150. Frates MC, Doubilet PM, Peters HE, Benson CB. Extraovarian Adnexal Sonographic Findings in Ectopic Pregnancy: A Reappraisal. Radiologic Society of North America, Chicago, IL, November 2012.
151. Heller HT, Oliff MC, Benson CB, Doubilet PM. Testicular Microlithiasis: Prevalence and Association with Testicular Cancer. Radiologic Society of North America, Chicago, IL, November 2012.
152. Sage YH, Lee L, Thomas A, Benson C, Shipp T. Fetal adrenal gland volume and prediction of preterm labor. Society for Maternal Fetal Medicine, San Francisco, CA, February 2013
153. Heller HT, Gordon R, Mullen K, Reiss R, Benson CB. Outcome of pregnancies with low-lying placenta diagnosed between 16 and 24 weeks gestation. American Institute of Ultrasound in Medicine, New York, NY, April 2013
154. Frates MC, Doubilet PM, Peters HE, Benson CB. Extraovarian Adnexal Sonographic Findings in Ectopic Pregnancy: A Reappraisal. American Institute of Ultrasound in Medicine E-poster, New York, NY, April 2013.
155. Ojeda J, Colbert J, Lin X, McMahan GT, Doubilet P, Benson C, Wu J, Katz JT, Yialamas MA. Use of a pocket-sized ultrasound device as an aid to the physical examination. Society of General Internal Medicine, Denver, CO, April 2013.
156. Michaels AY, Washburn EE, Pocius KD, Benson CB, Doubilet PM, Carusi DA. Outcome of cesarean scar implantation pregnancies diagnosed sonographically in the first trimester. Radiologic Society of North America, Chicago, IL, December 2013

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157. Bunce EE, Benson CB, Wilkins-Haug LE. Fetal brain growth following in utero cardiac intervention for aortic stenosis and evolving hypoplastic left heart syndrome. Society for Maternal Fetal Medicine, Poster, New Orleans, LA, February 2014. MEDIA5022
158. Washburn EE, Pocius K, Michaels A, Benson CB, Carusi D. Outcomes of medical versus surgical treatment of Cesarean scar implantation pregnancies in the first trimester. New England Prenatal Society, Boston, MA, March 2014.
159. Mackesy M, Kalish B, Tworetzky W, Sanders S, Wilkins-Haug L, Lock J, Marshall A, Benson CB. Sonographic pulmonary abnormalities in fetuses with hypoplastic left heart syndrome and intact atrial septum undergoing attempted atrial septostomy in utero. American Institute of Ultrasound in Medicine, Las Vegas, NV, April 2014.
160. Bibbo C, Little SE, Bsat J, Benson CB, Jessel R, Robinson, J. The natural history of spontaneous chorioamniotic separation diagnosed after 17 weeks' gestation. International Society of Ultrasound in Obstetrics and Gynecology. Barcelona, Spain, September 2014.
161. Bibbo C, Clapp M, Benson CB, Robinson J. Relationship between intertwin membrane separation and pregnancy outcomes. Society for Maternal Fetal Medicine. San Diego, CA, February, 2015
162. Cinelli C, Bigelow CA, Little SE, Benson CB, Frates MC, Wilkins-Haug LE. Percutaneous umbilical blood sampling (PUBS): current trends and outcomes. American Institute of Ultrasound in Medicine and World Federation of Ultrasound in Medicine and Biology, Orlando, FL, March, 2015.
163. Gerber RE, Bromley B, Benson CB, Frates MC. Sonographic findings in fetal renal vein thrombosis. American Institute of Ultrasound in Medicine and World Federation of Ultrasound in Medicine and Biology, Orlando, FL, March, 2015.
164. Medici M, Kwong N, Angell TE, Marqusee E, Kim MI, Frates MC, Benson CB, Cibas ES, Barletta JA, Krane JF, Duan DT, Cho NL, Gawande A, Moore FD, Andruss B, Deaudem-non-Huibregtse S, Alexander EK. The Variable Phenotype and Low-Risk Nature of RAS-Positive Thyroid Nodules. ENDO 2015, San Diego, CA, March 2015.
165. Peters HE, Richman D, Huang S, Doubilet PM, Benson CB, Frates MC. Likelihood of thyroid cancer in children. AIUM, New York, NY, March 2016.

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**DUKE UNIVERSITY MEDICAL CENTER
CURRICULUM VITAE**

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Name: Charles Mason Maxfield

Primary academic appointment: Professor in Radiology and Pediatrics
Chief of Pediatric Radiology
Vice Chair of Education, Department of Radiology

Present academic rank and title: Professor of Radiology and Pediatrics

Medical Licensure: NC - # 9300223

Specialty certification: **American Board of Radiology**, Certified - 1993
CAQ in Pediatric Radiology, 1995
MOC in Pediatric Radiology, 2006, 2015

Date of birth: July 9, 1961

Place: Claremont, New Hampshire

Citizen of: United States of America

<u>Education:</u>	<u>Place</u>	<u>Date</u>	<u>Degree</u>
Stevens High School	Claremont, NH	1979	
Syracuse University	Syracuse, New York	1983	B.A.
Dartmouth Medical School	Hanover, NH	1988	M.D.

Professional training and academic career:

1988-1989	Medicine Internship Berkshire Medical Center Pittsfield, MA
1989-1993	Radiology Residency Duke University Medical Center Durham, NC
1993-1994	Pediatric Radiology Fellowship Duke University Medical Center Durham, NC



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1994-2001	Staff Radiologist Kosair Children's Hospital Louisville, KY
2003-2006	Assistant Clinical Professor of Pediatrics University of Louisville School of Medicine
2001-2006	Associate Clinical Professor of Diagnostic Radiology University of Louisville, School of Medicine
2001-2005	Chief of Radiology Kosair Children's Hospital
2006-2013	Associate Professor of Radiology Duke University Medical Center
2007-2013	Associate Professor of Pediatrics Duke University Medical Center
2013-present	Professor of Radiology Duke University Medical Center
2013-present	Professor of Pediatrics Duke University Medical Center
2014-present	Chief of Pediatric Radiology Duke University Medical Center
2015-present	Vice Chair of Education Department of Radiology Duke University

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PUBLICATIONS:**Refereed Journals:**

1. Maxfield RG, **Maxfield CM**. Colonoscopy as a primary diagnostic procedure in chronic gastrointestinal bleeding. Arch Surg 1986; 401-402.
2. Pietrantonio M, Stewart D, Semakula N, **Maxfield CM**, Wills-Frank I, Bendon R: Mortality Conference: Twin-to-twin transfusion. Journal Pediatrics 132: 1071-6, 1988.

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3. Bryant K, **Maxfield CM**, Rabalais G: Renal candidiasis in neonates with candiduria. *Pediatric Infectious Disease Journal* 18:959-63, 1999.
4. Kurbasic M, Jones VF, **Maxfield CM**: Radiological case of the month. Atypical cat-scratch disease. *Arch Pediatr Adolesc Med* 153(7):761-2, 1999.
6. Draus JM, **Maxfield CM**, Bond SJ: Hirschsprung's disease in an infant with colonic atresia and normal fixation of the distal colon. *J Pediatr Surg* 42(2):e5-8, 2007.
7. Coursey CA, Hollingsworth CL, Gaca AM, **Maxfield CM**, DeLong D, Bisset G 3rd: Radiologists' agreement when using a 10-point scale to report abdominal radiographic findings of necrotizing enterocolitis in neonates and infants. *AJR* 191(1):190-7, 2008.
8. Karmazyn B, Frush D, Applegate KE, **Maxfield C**, Cohen MD, Jones RP.. CT with a computer-simulated dose reduction technique for detection of pediatric nephroureterolithiasis: comparison of standard and reduced radiation doses. *AJR* 192:143-149, 2009.
9. **Maxfield CM**, Bayindir P. Fat-containing lesions revealed by CT in children with right lower quadrant pain. *Pediatr Radiol* 39(4):371-6, 2009.
10. Li X, Samei E, DeLong DM, Jones RP, Gaca AM, Hollingsworth CL, **Maxfield CM**, Carrico CW, Frush DP. Three-dimensional simulation of lung nodules for paediatric multi-detector array CT. *Br J Radiol* 82(977): 401-11, 2009.
11. Li X, Samei E, DeLong DM, Jones RP, Gaca AM, Hollingsworth CL, **Maxfield CM**, Colsher JG, Frush DP. Pediatric MDCT: towards assessing the diagnostic influence of dose reduction on the detection of small lung nodules. *Acad Radiol* 16(7):872-80, 2009.
12. Ellison JS, **Maxfield CM**, Wiener JS. Voiding cystography practices and preferences of North American pediatric urologists. *J Urol* 182(1):299-304, 2009.
13. **Maxfield CM**, Nelson RC, Gray-Leithe L, Ravin CE. Successful implementation of a universal 3/2 radiology curriculum. *Acad Radiol* 17(1): 117-19, 2010
14. Maitre NL, Marshall DD, Price WA, Slaughter JC, O'Shea TM, **Maxfield C**, Goldstein RF. Neurodevelopmental outcome of infants with unilateral or bilateral periventricular hemorrhagic infarction. *Pediatrics* 124(6):e1153-60, 2010..
15. Lungren MP, Horvath JJ, Welling RD, Azene EM, Starikovskiy, A Bashir MR, Mollura DJ, **Maxfield CM**. Global health training in radiology residency programs. *Acad Radiology* 2011 Jun 18(6):782-91. Epub 2011 Mar 31.
16. Li X, Samei E, Barnhart HX, Gaca AM, Hollingsworth CL, **Maxfield CM**, Colsher JG, Frush DP. Lung nodule detection in pediatric chest CT: quantitative relationship between image quality and radiologist performance. *Med Phys* 2011 May 38(5):2609-18.

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17. Grimm LJ, **Maxfield CM**. US Graduate Radiology Training. *Chin J Radiol* 2012 45 (11) 1083-1085.
18. **Maxfield CM**, Bartz BH, Shaffer JL. A pattern-based approach to bowel obstruction in the Newborn. *Pediatr Radiol* 2013 43(3): 318-329.
19. Wang YE, Liu M, Jin L, Lungren MP, Grimm LJ, Zhang Z, **Maxfield CM**. Radiology Education in China. *JACR* 2013 10(3): 213-219.
20. Swanick CW, **Maxfield CM**, Hollingsworth C, Frush DF. Comparison of Conventional and Simulated Reduced-mA MDCT for Evaluation of Suspected Appendicitis in the Pediatric Population. *AJR* 2013;201(3): 651-8.
21. Grimm LJ, **Maxfield CM**. Ultimate publication rate of unpublished manuscripts on radiology residency applications at one institution. *Acad Med* 2013;88:1719-1722
22. Grimm LJ, Shapiro LM, Singhapricha T, Mazurowski MA, Desser TS, **Maxfield CM**. Predictors of an academic career on radiology residency applications. *Acad Radiol* 2014;21(5)685-90.
23. Grimm LJ, **Maxfield CM**. A Proposal to Reduce Misrepresentation of Medical Student Research Activities in ERAS. *Acad Med* 2014;89:833.
24. Grimm, LJ, Desser TS, Bailey JE, **Maxfield CM**. Applicant to residency program translation guide. *J Am Coll Radiol*. 2015 Jan 23. S1546-1440(14)00434-7.
25. Andoh H, Shapiro LM, **Maxfield CM**, Desser TS, Self-reported hobbies and undergraduate major as predictors of academic versus private practice career choice in Radiology residency applications.
26. Stewart J, **Maxfield CM**, Lessne M. "Ready or not: Are medical students prepared to decide between diagnostic radiology and interventional radiology?" *JVIR* Feb 2016; 27 (2): 281–283.
27. Grimm LJ, Nagler A, **Maxfield CM**. Survey of the incidence and effect of major life events on graduate medical education trainees. *Med Educ Online* Jun 11;20:27597.
28. Brinkley MF, Tracy E, **Maxfield CM**. Congenital Duodenal Obstruction: a review of the causes and approach to imaging. *Pediatr Radiol* 2016: 46(8):1084-95.
29. Grimm LJ, Avery CS, **Maxfield CM**. Residency Postinterview Communications: More Harm than Good? *Journal of Graduate Medical Education* 2016;8(1):7-9
30. Grimm LJ, Avery CS, **Maxfield CM**. Recommendations to reduce diagnostic radiology resident misrepresentation in post-interview communications. *J Am Coll Radiol*. 2016; 18S1546-1440(16).
31. Straus KJ, Goske MJ, Towbin AJ, Sengupta D, Callahan MJ, Darge K, Podberesky DJ, Frush DP, **Maxfield CM**, Westra SJ, Prince JS, Wu H, Bhargavan-Chatfield M. *Pediatric Chest CT*

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Diagnostic Reference Ranges: Development and Application. Radiology. 2017 Feb

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32. Wildman-Tobriner B, Parente VM, **Maxfield CM**. Pediatric providers and radiology examinations: Knowledge and comfort levels regarding ionizing radiation and potential complications of imaging. *Pediatr Radiol* 2018; doi: 10.1007/s00247-017-3969-8. [Epub ahead of print]

Non-refereed Publications:

1. **Maxfield CM**, Mavros, SA. Tactical retreat. *Sports Illustrated* 75(23) November 25, 1991.

Books

1. Mangrum WI, Amrhein TJ, Hoang PB, **Maxfield CM**, Merkle EM, Song, AW. *Duke Review of MRI Principles*, 2nd edition. Elsevier. In press.

Chapters in Books:

1. **Maxfield CM**. Chapter 97: Pericardial Disease. Caffey's Pediatric Diagnostic Imaging, 11th edition, volume 2, 1644-1648, 2008.
2. Gaca AM, **Maxfield CM**, Newman B. Chapter 80: Myocardial, Endocardial and Pericardial Diseases. Caffey's Pediatric Diagnostic Imaging, 12th edition, volume 1, 811-820, 2013.
3. **Maxfield CM**. Chapter 32. Meconium Peritonitis. Pediatric Radiology. Oxford University Press, 2013.
4. **Maxfield CM**. Chapter 30. Jejunal Atresia. Pediatric Radiology. Oxford University Press, 2013.
- 5.. Haberle S, **Maxfield CM**. Pediatric Radiology in the Developing World. Radiology in Global Health: Strategies, Implementation and Applications. Springer Media, 205-217, 2014.

Visiting Professorships:

Dartmouth School of Medicine, Hanover, NH, August 1998
 Brigham and Women's Hospital, Boston, MA, October 2008
 University of Southern California, Los Angeles California, July 2010
 University of South Florida, Tampa Florida, Feb 2010
 Geisel School of Medicine at Dartmouth, August, 2014
 National University of Singapore, January 2017

Specialty Certification Dates:

American Board of Radiology	June, 1993
Certificate of Added Qualification in Pediatric Radiology	November 1995.

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Maintenance of CAQ, Pediatric Radiology

November, 2006

Maintenance of Certification, Radiology (Pediatric Radiology)

November 2015

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Professional awards and special recognitions:

Outstanding Teacher, presented by Radiology residents, University of Louisville: 1996, 1998, 2001, 2006.

Outstanding Volunteer Teacher, presented by Pediatric residents, University of Louisville: 2001, 2002, 2005, 2006.

Charles E. Putman Memorial Teaching Award- Pediatric Radiology Section, Duke Radiology, 2009, 2011, 2012, 2013, 2017

William F Barry, Jr, MD Award for Outstanding Teaching. Duke University Department of Radiology Residency Program: 2013.

Certificate of Appreciation for Excellence in Reviewing Manuscripts in *Pediatric Radiology*. December, 2013.

Grants and awards:

\$152,984 GME Innovation Grant for **A Radiology Self-Assessment and Education Computer Workstation for Duke Internal Medicine, Pediatrics, Surgery, Emergency Medicine and Radiology Residents**, March, 2013.

Invited lectures

1. *Imaging of The Primary Immune Deficiencies*. Pediatric Grand Rounds. Kosair Children's Hospital, September 1995.
2. *Indication-based Pediatric Neuroradiology*. Dartmouth Medical Center. June, 1999.
3. *Pediatric Radiology for Dummies*. Pediatric Grand Rounds. Kosair Children's Hospital, February, 2002.
4. *Duke's 3/2 Residency Curriculum*. Society of Chairmen of Radiology at Children's Hospitals (SCORCH). Chicago Illinois, October, 2007. .
5. *Duke's 3/2 Program*. APDR Session. Annual Association of University Radiologists (AUR), San Diego, California, March 2009.
6. *Successful Implementation of a Universal 3/2 Curriculum*. Brigham and Women's Hospital. Boston, MA. October 2009.
7. *Teaching and mentoring Duke Radiology residents*. Duke Radiology Faculty Development series. July, 2010.
8. *The Obstructed Newborn*. University of Southern California Radiology Department. July 2010.

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9. *Duke Radiology Residency Training: A 5-Year Strategic Plan*. Duke Radiology Grand Rounds. September 2010.
10. *Implementing Curriculum Change: Engaging the Teaching Faculty*. APDR Session. Annual Association of University Radiologists (AUR), Boston, MA, March 2011.
11. RAD-AID and Project Hope International Radiology Faculty lecture: *Focal lesions in the developing skeleton*. Chinese Society of Radiology, Changsha, China. March, 2011.
12. *Standardizing Radiology Education in Beijing, China*. Rad-Aid Conference, Baltimore Maryland, November, 2011.
13. *Learning activities and assessment of learning for the physics Core exam*. APDR Session. Annual Association of University Radiologists (AUR), Los Angeles CA, April 2013.
14. *Necrotizing Enterocolitis: Challenges and Controversies*. RSNA Refresher Course. Radiological Society of North America, Chicago, Illinois, December 2013.
14. *Teaching and Mentoring Duke Radiology Residents*. Duke Radiology Grand Rounds. April, 2014.
15. *Imaging as management of the obstructed newborn*. Dartmouth-Hitchcock Medical Center, Hanover, NH. July 29, 2014.
16. *Imaging of Child Abuse: How specific are we?* Duke Pediatrics Grand Rounds, August, 2014.
17. *Including Medical Students in International Medical Education Experiences*. AMSER session. Annual Association of University Radiologists (AUR). New Orleans, LA, April 16, 2015.
18. *Recent Trends in Radiology Residency Applications: Is Radiology Becoming Less Competitive?* Society of Chairmen of Radiology at Children's Hospitals (SCORCH). Chicago Illinois, October, 2015.
19. *Imaging of Child Abuse*. Pediatric Grand Rounds. Moses Cone Hospital, Greensboro, North Carolina. December 2, 2015.
20. *Teaching Radiology Residents*. Singapore General Hospital. Duke National University of Singapore. Singapore, 2017
21. *Implementing Curriculum Change: Engaging the Teaching Faculty*. Duke National University of Singapore. Singapore, 2017

Leadership

President of Greater Louisville Radiologic Society, 1997

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Chief of Radiology, Kosair Children's Hospital, 2001-2005

Chairman, Kosair Children's Hospital Governance Committee, 2005

President Elect, Kosair Children's Hospital Medical Staff, 2005

Residency Program Directory, Duke Radiology, 2007 – 2016

Co-Director, Duke Review Course, 2006 – present

Chairman, Resident Oversight Committee, Duke Radiology, 2009-2015

Chairman, KPI Education Committee, Duke Radiology, 2011- 2012

Chairman, Fellowship Task Force, Duke Radiology, 2012 – 2013

Interim Chief, Division of Pediatric Radiology, Duke Radiology, March, 2013 – 2014

Chief of Pediatric Radiology, Duke University, July 2014 – present

Vice Chairman of Education, Department of Radiology, Duke University, September 2015-present

Organizations and Participation:

Committee for the Reed and Martha Rice Distinguished Professorship

Duke University Medical Center, 1994-97

Education Coordinator

Kosair Children's Hospital Dept of Radiology, 1994-2004

Ambulatory Care Committee

Kosair Children's Hospital, 1996-2005

Neonatal Advisory Committee

Kosair Children's Hospital, 1996-2005

Surgical Case Review Committee

Kosair Children's Hospital, 1996

Residency Education Committee

University of Louisville, 1994-2004

Secretary-Treasurer of Greater Louisville Radiologic Society, 1996

President of Greater Louisville Radiologic Society, 1997

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Surgical Care Appraisal Committee, Kosair Children's Hospital, 1998-2005

Telemedicine Committee, Kosair Children's Hospital, 2000-2006

Chief of Radiology, Kosair Children's Hospital, 2001-2005

Kosair Childrens Hospital Executive Committee, 2001-2005

Physicians Advisory Committee, Kosair Children's Hospital, 2001-2005

Kosair Children's Hospital Governance Committee, 2004-2005

Chairman, Kosair Children's Hospital Governance Committee, 2005

Presidents' Committee, Kosair Children's Hospital, 2005-2006

President Elect, Kosair Children's Hospital Medical Staff, 2005

Associate Residency Program Director, Duke Radiology, 7/06 – 6/07

Residency Program Directory, Duke Radiology, 7/07 – 1/1/16

Editorial reviewer for *Pediatric Radiology*, 10/07 – present

Resident Oversight Committee, Duke Radiology, 2008-present

Resident Performance Review Committee, Duke Radiology, 2008-present

Co-Director, Duke Review Course, 2006-present

American Board of Radiology (ABR) Boards Examiner, 2007-2013

Association of Program Directors in Radiology, 2007-present

Educational Committee, APDR, 2008-present

Long Range Planning Committee, APDR, 2011 - present

Internal GME Review Committee for Cytopathology, (Chairman), 2011

Annual Program Evaluation and Improvement (APEI) Committee (Chairman), Duke GME, 2012,

Resident as Teacher Advisory Committee, Duke GME, 2012 - present.

CME Committee, Duke Radiology. 2013-present.

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Editorial reviewer for *Archives of Disease in Childhood*, 7/13 – present

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AUR Scientific Program Committee. Abstract Reviewer, 2013 – present

Grand Rounds Committee. Duke Radiology. 2014-present.

Editorial Reviewer for *Journal of Graduate Medical Education*, 2013-present

Duke University School of Medicine Curriculum Committee, 2016 to present.

Duke University Athletic Council, 2016-present

Executive Committee, Duke University Athletic Council, 2016-present

Duke Children's Volunteer Leadership Committee, 2016

Association of University Radiologists (AUR), One-to-One Mentoring Program, May 2017

Professional Memberships:

American College of Radiology

Society of Pediatric Radiology

Radiologic Society of North America

Association of Program Directors in Radiology

Personal Information

Home address:

9 Sagewood Place
Durham, NC 27705

Business address:

Box 3808 DUMC
1905 Children's Health Center
Division of Pediatric Radiology
Durham, NC 27710

Marital Status:

Married

Name of Spouse:

Sharon Maxfield, M.D.

Children:

Charles Mason Maxfield, Jr.	6/12/96
John Mavros Maxfield	6/8/98

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charles.maxfield@duke.edu

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