

CURRICULUM VITAE (4/09)

PERSONAL INFORMATION:

Name: Robert D. Harris. MD

Address: 42 Wildwood Drive
West Lebanon, New Hampshire 03784

Telephone: (603) 653-0104 -Home
(603) 650-5846-Work

Birth Date: July 4, 1955
Philadelphia, Pennsylvania

Children: Chelsea (1989)
Benjamin (1992)

EDUCATION:

Undergraduate: Middlebury College
Middlebury, Vermont
Bachelor of Arts, Chemistry 1977

Medical School: University of Vermont College of
Medicine
1978-1982 Burlington, Vermont
M.D. 1982

Internship: Flexible (rotating) internship
1982-1983 McGill University Hospitals
Montreal, Quebec

Minicourse in Biostatistics
and Epidemiology
1995 McGill University
Montreal, Quebec

Enrolled in MPH program
The Dartmouth Institute for Health Policy and Research
Hanover, NH
Anticipated graduation June 2009

Residency and Fellowship: Diagnostic Radiology

1983-1986 Massachusetts General Hospital
Boston, Massachusetts

Fellowship:
1986-1987 Body Imaging (US/CT/MRI)
University of Washington Hospitals
Seattle, Washington

Post-Graduate: Biostatistics and Epidemiology
1995 Summer Program
McGill University
Montreal, Quebec

Post-Graduate: MPH program (part-time)
Dartmouth TDI Program
Hanover, NH 03755

HONORS:

Cum Laude, Middlebury College, (1977)
Alpha Omega Alpha, University of
Vermont College of Medicine, (1981)

Fellow, American College of Radiology,
2000

Fellow, Society of Radiologists in
Ultrasound, 2004

Recipient-AIUM's Endowment for
Education and Research grant,
Teleultrasound project, \$8,500, 2006

EMPLOYMENT HISTORY:

1977-1978 Preparatory School Teacher and Coach
Cate School, Carpenteria, California

1987-1999 Director of Body MRI, Dept. of
Radiology
Dartmouth-Hitchcock Medical Center
Lebanon, New Hampshire

1999-present Director of Ultrasound, Dept. of
Radiology
Dartmouth-Hitchcock Medical Center
Lebanon, New Hampshire

ACADEMIC APPOINTMENTS:

Current: Professor of Diagnostic Radiology and
Obstetrics/Gynecology, 2005
Dartmouth Medical School,
Hanover, NH

Past Associate Professor of Diagnostic
Radiology and Obstetrics and
Gynecology (1991-2005)
Dartmouth Medical School
Hanover, New Hampshire

Previous: Assistant Professor of Diagnostic
Radiology
Dartmouth Medical School
Hanover, New Hampshire
1987-1991

Acting Instructor, Radiology
University of Washington
Seattle, Washington
1986-87

Clinical Fellow, Radiology
Harvard Medical School
Boston, Massachusetts
1983-86

TEACHING RESPONSIBILITIES:

Radiology Residents and Fellows:
Director of Ultrasound Curriculum
Informal Didactic Teaching Daily

DMS Medical Students: Lectures in core clerkship,
Obstetrical/Gynecological Ultrasound

SOCIETAL/PROFESSIONAL COMMITTEES/SERVICE:

RSNA , Educational Exhibits Committee, Ob/GYN
Subcommittee, 2008-2010

Telemedicine and Informatics Committee, DHMC, 2008-

Research Committee Chairman, Dept. of Radiology, DHMC, 2005-present

NH chapter of American College of Radiology
Councilor, 1999-2003
Past-President, 1996-99
Secretary-Treasurer, 1993-96

Joint Review Commission on Education in
Diagnostic Medical
Sonography, ACR representative, 2002-2005

RADPAC Advisory Council, New Hampshire
Delegate, 1999-2006

ACR NH CAC representative, 2006--

ACR Commission of Ultrasound, 2000- 2005
Committee on Human Resources
Committee on Education
Committee on Economics
Guidelines and Standards Committee

American Institute of Ultrasound in Medicine
Accreditation Committee, 2002-2005

Reviewer, ACR and AIUM Ultrasound Accreditation
Programs, 1999-Present

Study Section, Dept. of Defense CDMRP Prostate
Cancer Research Program
Washington, D.C., Fall 2001, Spring 2003

American Roentgen Ray Society

Curriculum Evaluation
Subcommittee, 1999-2000
Scientific Program Committee,
GU/OB/GYN, 2001-2004
Chair, GU/OB/GYN Program Committee,
2003-4

Society of Radiologists in Ultrasound
Program Committee, 2001-2004
Research Committee, 1998-2001
Standards and Practice, 1998-2001
Publications Committee 2005-
Corporate Affairs 2005-

New England Roentgen Ray Society
Vice-President, 1999-2000
Co-Chairman, Educational Committee 1994-95
Educational and Executive Committees, 1995-2003
RSNA Education Exhibits Committee, 2007-9

**DARTMOUTH HITCHCOCK MEDICAL CENTER
COMMITTEE/SERVICE:**

DHMC Radiology Cross-Sectional Imaging
Fellowship Director 1992-2003

Incorporator, Hitchcock Foundation
DHMC, Lebanon, NH, 1998-present

Radiology Representative, Urology Tumor Board
DHMC, 1993-Present

Medical Records and Informatics Committee
DHMC, 1996-2006

Dartmouth-Hitchcock Clinic Pension & Benefits
2002-present

Academic and Clinical Practice Committee
DHMC, 1996-2001

Radiology Residency Selection Committee
1989-1993

Dartmouth-Hitchcock Medical Center
Committee of the Clinical Therapeutics Program,
1992-1995

Radiology Liaison to Medical Staff
Quality Assurance Committee
Mary Hitchcock Memorial Hospital, 1988-1994

Committee on Student Performance
Dartmouth Medical School, 1990-1992

Mentor in Dartmouth College Women in Science
Project (WISP) 1995-1999

EDITORIAL BOARD:

Applied Radiology, 1998-2002
Emergency Radiology, 2000-2004
Journal of Ultrasound in Medicine, 2004-

MANUSCRIPT REVIEWER:

American Journal of Roentgenology
Journal of Clinical Ultrasound
Journal of Ultrasound in Medicine
Academic Radiology
Clinical Imaging
Radiology

BOOK REVIEWER:

American Journal of Roentgenology

SOCIETIES:

New England Roentgen Ray Society, 1984-present
Radiological Society of North America, 1985-present
American Roentgen Ray Society, 1986-present
American College of Radiology, 1987-present
New Hampshire State Medical Society, 1987-present
Association of University Radiologists, 1991-2003

American Institute of Ultrasound in Medicine,
1993-present
Society of Radiologists in Ultrasound, 1993-present
Society of Uroradiology, 1995-2000

LICENSURE:

| | | |
|---------------------|--------------|-----------------|
| Massachusetts | 1983-1986 | (inactive) |
| Washington | 1986 | (inactive) |
| New Hampshire | 1987-present | (Lic. No. 7615) |
| Vermont 0010137) | 2000-present | (Lic. No. 42- |

CERTIFICATION:

National Board of Medical Examiners, 1982
Diagnostic Radiology, American Board of Radiology,
June 1986

GRANTS:

1. Principal Investigator, Phase II-III, An Evaluation of OMR in Patients Undergoing Magnetic Resonance Imaging of Upper Abdomen. Protocol 901-03B. Oncomembrane, Inc., Seattle, WA, 1991-1992. \$40,000.
2. Pilot Study to Image Breast Prostheses with MRI and Gadolinium, 1992-1993, \$1,500. Berlex Laboratories, Inc., Wayne, NJ.
3. Pilot Study to Evaluate Pre and Post Biopsy Change in Endorectal Coil MRI for Prostate Cancer, 1992-1993, \$1,000. MedRad, Pittsburgh, PA.
4. Principal Investigator, Multicenter Phase III Trial of Combidex as an MRI contrast agent for lymph node metastases. 1996-97. \$10,000. Advanced Magnetics, Inc. Princeton, NJ.
5. Leuvectin Gene Therapy for Metastatic Renal Cell Carcinoma, Vical Corporation, San Diego, CA. Ultrasound-guided injections, 2000-2001, \$10,000.

6. Phase III Ultrasound Contrast Trial for Liver and Renal Masses, DMP 110 (Definity)™, DuPont Corporation, Andover, MA. 2000-2001, \$15,000.
7. Phase III Comparison of DEFINITY-Enhanced Ultrasound vs. Contrast Enhanced CT for Characterization of Liver Lesions, Bristol-Myers Squibb Medical Imaging, Inc., Andover, MA, 2002-3, \$8,000.
8. Analysis of Ultrasound-Guided Thyroid Fine Needle Biopsies: On-Site Cytologic Assistance vs. Non-Assisted Biopsy. Quality Research Grant Program, DHMC, January 2004-July 2006, \$7500.
9. Unrestricted grant, Philips Ultrasound Systems, January 2006, for teleultrasound project, \$5000.
10. AIUM Endowment for Education and Research Award, March 2006, \$8500 for teleultrasound project.

REFEREED PUBLICATIONS:

1. Harris RD, Simeone JF, Mueller PR, Butch RJ. Portable Ultrasound Examination in Intensive Care Unit. *J Ultrasound Med* 1985;4:463-465.
2. Harris RD, Nyberg DA, Mack LA, Weinberger E. Ano-rectal atresia: Accuracy of Prenatal Diagnosis by Ultrasound and Clinical Significance. *AJR* 1987; 149:395-400.
3. Harris RD, Askin FB, Vincent LM. Yolk sac calcification: A Sonographic Finding Associated with In Utero Fetal Demise. *Radiology* 1988; 166:109-110.
4. Mack LA, Nyberg DA, Matsen RF, Kilcoyne RF, Harris RD, Harvey DA. Sonographic Evaluation of the Post-operative Rotator Cuff. *AJR* 1988; 150:1089-1094.
5. Harris RD, Harris JH Jr, The Prevalence and Significance of Missed Scapular Fractures in Blunt Chest Trauma. *AJR* 1988; 151:747-750

6. DeRoo TD, Harris RD, Sargent SK, Denholm TA, Crow, HC. Fetal Choroid Plexus Cysts: Prevalence, Clinical Significance, and Sonographic Appearance. *AJR* 1988; 151:1179-1181.
7. Harris RD, Heaney JA, Sueoka BL, Burke PR. Retroperitoneal Leiomyosarcoma: A Rare Cause of Adrenal Pseudotumor on CT and MRI. *Urologic Radiology* 1988;10:186-188.
8. Harris RD, Simpson W. MRI of Splenic Hemangioma Associated with Thrombocytopenia. *Gastrointestinal Radiology*, 1989; 14:308-310.
9. Harris RD, Roberts DW, Cromwell, LD. Magnetic Resonance Imaging of Corpus Callosotomy. *AJNR*, 1989; 10:677-680.
10. Sueoka BL, Kasales CJ, Harris RD, Heaney JA. MR and CT Imaging of Perirenal Amyloidosis. *Urologic Radiology*, 1989; 11:97-99.
11. Edwards MK, Harris RD, Spiegel PK. Offset Electrocardiographic Electrode Simulating a Pulmonary Nodule on Radiographs. *Radiology* 1989; 172:281-282.
12. Harris RD, Simpson W, Marin-Padilla M, Pet R, Crow, HC. Placental Sonolucencies and Infarction: Sonographic-Pathologic Correlation. *Radiology* 1990; 176:75-80.
13. Chung T, Harris RD. Tuberculous Epididymo-Orchitis: Sonographic Findings. *Journal of Clinical Ultrasound* 1991, 19:367-369.
14. Weaver JB, Harris RD, Spiegel PK. Limited Field of View Spin Echo MR Imaging. *Magnetic Resonance Imaging* 1991; 9:389-394.
15. Harris RD, Barth RA. Sonography of the Gravid Uterus and Placenta: Current Concepts, *AJR* 1993;160:955-966.
16. Stommel EW, Ward TN, Harris RD. MRI Findings in a Case of Ophthalmoplegic Migraine. *Headache*, 1993;33:234-237.
17. Bacic G, Lui KJ, O'Hara JA, Harris RD, Szybinski K, Goda F and Swartz HM. Oxygen Tension in a Murine Tumor: A

- Combined EPR and MRI Study. *Magnetic Resonance in Medicine* 1993;30:568-572.
18. Patten RM, Lo SK, Phillips JJ, Bowman SC, Glazer, GM, Wall SD, Bova JG, Harris RD, et al. Positive Bowel Contrast Agent for MR Imaging of the Abdomen: Phase II and III Clinical Trials. *Radiology* 1993;189(1):277-283.
 19. Amdur RJ, Conine FE, Harris RD, Leopold KA. Arytenoid Sparing During Irradiation of Early Stage Vocal Cord Cancer. *Int J Radiat Onc Biol Phys*, 1995, 32 (3):801-808.
 20. Harris RD, Schned AS, Heaney JA. Staging of Prostate Cancer by Endorectal MRI: Lessons from a Learning Curve. *Radiographics*, 1995; 15 (813-829) and Author's Response, p.832.
 21. Blackmore CC, Ratcliffe NR, Harris RD. Verrucous Carcinoma of the Bladder. *Abdominal Imaging* 1995, 20:480-482.
 22. Manganiello PD. Adams LV. Harris RD. Ornvold K. Virilization during pregnancy with spontaneous resolution postpartum: a case report and review of the English literature. *Obstetrical & Gynecological Survey*, 1995; 50(5):404-10.
 23. Schned AR, Wheeler K, Heaney JA, Ernstoff MS, Amdur RJ, Harris RD. Tissue Shrinkage Correction Factor in the Calculation of Prostate Cancer. *Am J Surg Pathol* 1996;20:1501-1506.
 24. Glazier DB, Heaney JA, Amdur RJ, Schned AR, Harris RD, Fukui I, Ernstoff MS. 5-Fluorouracil and Allopurinol Combined with Recombinant Interferon- α 2b in the Treatment of Patients with Advanced Prostate Cancer: A Phase I/II Study. *J Urology* 1996;155, 624-627.
 25. Harris RD, Wells WA, Chertoff JD, Poplack SP, Sargent SK, Black WC, Crow HC. Accuracy of Prenatal Ultrasound in Revealing Circumvallate Placenta, *AJR* 1997; 168:1603-1608.
 26. Harris RD. On Being an Academic Radiologist in a Small Department, or Bigger Ain't Necessarily Better. *Academic Radiology* 1997; 4:785-787.

27. Kurjak A, Kupesic S, Hafner T, Latin V, Kos M, Harris R. Intervillous blood flow in patients with missed abortion. *Croatian Medical Journal* 1998;39:41-44.
28. Amdur RJ, Gladstone D, Leopold, KA, Harris RD. Prostate Seed Implant Quality Assessment Using MR And CT Image Fusion, *Int. J Rad Onc BiolPhys*, 1999;43:67-72.
29. Lerner LB, Henriques HF, Harris RD. Interactive Three-dimensional Computed Tomography Reconstruction in the Evaluation of the Living Renal Donor, *J of Urology* 1999;161:403-407.
30. Reinhart R, Wells WA, Harris RD. Focal aneurysmal dilatation of sub-chorionic vessels simulating chorioangioma. *Ultrasound in Obstetrics and Gynecology* 1999;13:147-149.
31. Schwaab T, Heaney JA, Schned AR, Harris RD, Cole BF, Noelle RJ, Phillips DM, Stempkowski L, Ernstoff MS. A Randomized Phase II Trial Comparing Two Different Sequence Combinations of Autologous Vaccine and Human Recombinant Interferon Gamma in Metastatic Renal Cell Carcinoma. *J of Urology* April 2000;163 (4): 13226.
32. Harris RD, Partrick M, Chouteau C, Schned AS. The prevalence and significance of heterogeneous testis: A sonographic-pathologic correlation. *AJR* 2000;175:347-352.
33. Harris RD, Holtzman S, Poppe A. Clinical Outcome in female patients with pelvic pain and normal pelvic US findings. *Radiology* 2000;216:440-443.
34. Schwaab T, Lewis L, Cole BF, Deo Y, Fanger, MW, Wallace P, Guyre PM, Fisher JL, Waugh MG, Phipps KJ, Kaufman PA, Heaney JA, Schned AR, Harris RD, Ernstoff MS. Phase I trial of the Bispecific Antibody MDXH210 (anti-Fc γ RI X anti-HER-2/neu) in Hormone Refractory Prostate Patients Whose Cancer Overexpresses HER-2/neu. *J of Immunotherapy* 24(1):79-87, 2000.

35. Weidman ER, Cendron M, Schned A, Harris RD. Scrotal Lymphangioma: An Uncommon Cause for a Scrotal Mass. *Journal of Ultrasound in Medicine* 2002;21, 669-672.
36. Anzai Y, Piccoli C, Outwater E, Stanford W, Bluemke D, Nurenberg P, Saini S, Maravilla K, Feldman D, Schmiedl U, Brunberg J, Francis I, Harms S, Som P, Tempany C, Harris R, et al. Evaluation of Neck and Body Metastases to Nodes with Ferumoxtran 10-enhanced MR Imaging: Phase III Safety and Efficacy Study. *Radiology* 2003, 228(3):777-788.
37. Mengshol SC, Harris RD, Ornvold K. Thrombocytopenia and Absent Radii, TAR Syndrome: report of cerebral dysgenesis and newly identified cardiac and renal anomalies. *American Journal of Medical Genetics* 2003;123A:193-196.
38. Mostofian E, Latchaw L, Ornvold K, Harris RD. The Prenatal Sonographic Diagnosis of a Mesenteric Lymphangioma, a Case Report, *Journal of Ultrasound in Medicine*, 2004;23:129-132.
39. Immunological Effects of Granulocyte-Macrophage Colony-Stimulating Factor and Autologous Tumor Vaccine in Patients with Renal Cell Carcinoma. Schwaab T, Tretter C, Gibson JJ, Cole BF, Schned AR, Harris RD, Wallen EM, Fisher JL, et al. *Journal of Urology*, 2004, 171:1036-1042.
40. Radiology in Serbia, Harris RD, Stojanovic S, Stepanov S, Popov V. *American Journal of Roentgenology*, 2005;184:11-13.
41. Multiple Endocrine Neoplasia 2A due to a unique C609S mutation presents with pheochromocytoma and has reduced penetrance for medullary thyroid carcinoma, William B. Kinlaw, Sarah M. Scott, Robert A. Maue, Vincent A. Memoli, Robert D. Harris, Gilbert H. Daniels, Donna M Porter, Dorothy R. Belloni, Edward T. Spooner, Manfred M. Ernesti, Walter W. Noll, *Clinical Endocrinology* 2005; 63: 676-682
42. Schwaab T. Tretter CP. Gibson JJ. Cole BF. Schned AR. Harris R. Fisher JL. Crosby N. Stempkowski LM. Heaney JA. Ernstoff MS. Tumor-related immunity in prostate cancer patients treated with human recombinant granulocyte monocyte-colony stimulating factor (GM-CSF). *Prostate*. 66(6):667-74, 2006 May

43. The “Chorionic Bump”: a Sonographic Sign of First Trimester Pregnancy Associated with Guarded Outcomes and Infertility, Harris RD, Coutu C , Karpovsky C, Porter MB, Ouhilal S. J Ultrasound Medicine, 2006;25:757-763.
44. Developing a Rational Tumor Vaccine Therapy for Renal Cell Carcinoma: Immune Yin and Yang.. Marc S. Ernstoff, Todd S. Crocenzi, John D. Seigne, Nancy A. Crosby, Bernard F. Cole, Jan L. Fisher, Jill C. Uhlenhake, Diane Mellinger, Cathy Foster, Conrad J. Farnham, Kathleen Mackay, Zbigniew M. Szczepiorkowski, Susan M. Webber, Alan R. Schned, Robert D. Harris, Richard J. Barth, Jr., John A. Heaney and Randolph J. Noelle. Clin Cancer Res 2007;13(Supp) 733s
45. Popov V, Popov D, Kacar I, Harris RD. The Feasibility of Real-time Transmission of Sonographic Images from a Remote Location over Low-Bandwidth Internet Links: A Pilot Study. AJR 2007;188:W219-222.
46. Lauria M, Branch M, LaCroix V, Harris R, Baker E. The Clinical Impact of Systematic Genetic Sonogram Screening In A Low Risk Population. Journal of Reproductive Medicine. In press, May 2007.

Current Research:

1. Ovarian torsion in the post-menopausal patient
2. Cystic Fibrosis in the Testicles: Sonographic Findings in a Young Man
3. Development of low-cost tele-ultrasound system via satellite using off-the-shelf hardware and software.
4. Multi-institutional study of US-guided thyroid FNA: correlation of US appearance and cytology/pathology, W. Middleton, PI, Washington Univ, St. Louis, MO.

INVITED ARTICLES:

1. Harris RD, Wells W, Cho C. Update on the Placenta: Sonographic-Pathological Correlation. Seminars in Ultrasound,

- CT, and MRI, edited by Raymond, Zweibel, and Swartz. W.B. Saunders, Inc., 1996, Vol. 7, No. 1, pp 66-89.
2. Kasales CJ, Meilstrup JW, Harris RD. Common Imaging Problems in the Postmenopausal Pelvis:the Endometrial Stripe, Intrauterine Fluid, and Adnexal Cyst. *Seminars in Roentgenology*, 1996, Vol 31, No. 4, pp 279-287.
 3. Harris RD. Half Full. Guest Editorial, *Applied Radiology* 1998;27:8-9.
 4. Harris RD. Thoughts in Flight, Guest Editorial, *Applied Radiology*, Oct. 1998, p. 7
 5. Nelson T, Harris RD. GU complications of Pregnancy. *Applied Radiology*, Oct. 1998, 16-23.
 6. Gerety E, Harris RD. Epidemiology, Pathophysiology, and Imaging Characteristics of Endometriosis, *Applied Radiology*. Jan. 2001.
 7. Harris RD. Yuppie Scans, Guest Editorial, *Applied Radiology*, Jan. 2001.
 8. Harris RD. Fetal MRI Redux: Great Hope or Hype, *Diagnostic Imaging*, November 2002.
 9. Harris RD, Policy Brief, Arguments for Universal Health Access in the United States: A Radiologist's Perspective. *AJR* 2007;188:617-618.

BOOK CHAPTERS PUBLISHED:

1. Harris RD, Wesbey G. "Artifacts in Magnetic Resonance Imaging" in Magnetic Resonance Annual 1988, pp. 71-112. Kressel HY. (ed) Raven Press, New York,1988.
2. Wesbey G, Edelman RR, Harris RD. "Artifacts in MR Imaging: Descriptions, Causes, and Solutions" in Clinical Magnetic Resonance Imaging, pp.79-108. Edelman RR and Hesselink JR (ed), W.B. Saunders, Philadelphia, 1990.

3. Harris JH Jr., Harris RD. "Skeletal Trauma" in Diagnostic Radiology, Grainger and Allison (ed), 2:1439-1496 Churchill Livingstone, New York, 1991.
4. Harris RD. "State-of-the-Art Imaging of Prostate Cancer," in Urology Annual 1994 8:61-81. Rous SP (ed) Norton and Co., New York, 1994.
5. Martinez R, Harris RD. "Ultrasound of the Scrotum," in Urology Annual 1996 10:219-240. Rous SR, ed. Blackwell & Co., Inc., Cambridge, MA.
6. Langdon DR, Laing BA , Harris RD. "Imaging of Renal Cell Cancer," in Urologic Oncology, Ernstoff MS, Heaney JA, and Peschel (eds), Norton and Co., New York, 1997, 376-397.
7. Curtis MR, Heaney JA, Amdur RJ, Schned AR, Harris R, Ernstoff MS. Prostatic Carcinoma, pp105-131. in Strategies in Adjuvant Therapy, Kirkwood J, ed. Martin Dunitz Publishers, London, 2000.
8. Harris RD. Scrotal, Obstetrical and Gynecological Emergencies. pp 659-687. In The Radiology of Emergency Medicine, 4th ed. Harris, Harris, and West, Lippincott Williams and Wilkins, Baltimore, 2000.
9. Harris RD and Alexander RD. Sonography of the Placenta and Umbilical Cord. Pp 597-625. in Ultrasonography in Obstetrics and Gynecology, 4th ed. Callen, WB Saunders, Philadelphia, 2000.
10. Hoopes PJ, Wishnow KA, Bartholomew LR, Jonsson E, Williams JC, Moodie KL, Kane RA, Wong TZ, Harris RD, Ryan TP, Trembly BS, McNicholas TA, Heaney JA. Evaluation and Comparison of Six Experimental BPH/Prostate Cancer Treatment Modalities. A Critical Review: Matching the Energy Source to the Clinical Need, CR 75, SPIE series, 2000, pp 519-545. SPIE Optical Engineering Press, Bellingham, Washington.
11. Sepulveda W, Sebire NJ, Nyberg DA, Harris RD. The Placenta, Umbilical Cord, and Membranes. Pp 85-132. In Diagnostic Ultrasound of Fetal Anomalies: Text and Atlas, 2nd edition,

editor Nyberg DA, 2003. Lippincott, Williams and Wilkins, Philadelphia, 2003

ABSTRACTS:

1. Harris, RD, Nyberg, DA, Mack, LA, Weinberger, E. Ano-Rectal Atresia: Accuracy of Prenatal Diagnosis by Ultrasound and Clinical Significance. In proceedings of the American Roentgen Ray Society Annual Meeting, Miami, Florida, April 1987.
2. Mack, LA, Nyberg, DA, Harris, RD, Laing, FC, Jeffery, RB. Transvaginal Sonography in the Evaluation of Ectopic Pregnancy: Comparison with Trans-abdominal Ultrasound. In proceedings of the American Roentgen Ray Society Annual Meeting, Miami, Florida, April, 1987.
3. Mack, LA, Harris, Rd, Nyberg, DA, Harvey DA, Gannon, MK, Matsen, RF. Sonographic Evaluation of the Postoperative Rotator Cuff. In proceedings of the American Roentgen Ray Society Annual Meeting, Miami, Florida, April 1987.
4. Harris, RD, DeRoo, TR, Roberts, DW, Cromwell, LD. Magnetic Resonance Imaging of Epilepsy Surgery. Magnetic Resonance Imaging 7(1)(P):101.
5. Harris, RD, Simpson, WD, Stys, SA, Marin-Padilla, M, Crow HC. Placental Sonolucencies and Infarctions: Sonographic-Pathologic Correlation. Radiology 1989;173(P):248.
6. Hoopes PJ, Roberts DW, Ryan TP, Duple EB, Strohbehn JW, Taylor JH, Harris RD. Assessment of Interstitial Microwave Hyperthermia in the Dog Brain: A Time-Temperature Study. In proceedings of the 9th Annual Meeting of the North America Hyperthermia Group, Seattle, WA, April 1989.
7. Harris RD, Moore L, Beurivage N, Sargent SK, Crow HC. The Utility of Ultrasound as Outcome Predictor in First Trimester Threatened Abortion. In proceedings of the American Roentgen Ray Society Annual Meeting, Boston, MA, May 1991.
8. Hoopes PJ, Harris RD, Roberts DW. Histologic Evaluation of MRI/CT Imaged Hyperthermia/Radiation Lesions in Normal

- Brain Tissue. In proceedings of the 9th International Congress of Radiation Research. Toronto, July 1991.
9. Harris RD, Hoopes PJ, Ryan TP, White LM, Jonsson E. and Heaney, JA. Sonographic Assessment of Transurethral Microwave Hyperthermia in the Dog Prostate. In proceedings of the Sixth International Congress on Hyperthermic Oncology, Tuscon AZ, April 1992.
 10. Harris RD, Schned AR, Heaney JA, Williams JC, and Milstein MJ. MR Imaging of Prostate Cancer: Pearls and Pitfalls. *Radiology* 1993;189 (P):371.
 11. Harris RD, Hoopes PJ, Ryan TA, Heaney JA. Transrectal Sonographic-Pathologic Correlation of Hyperthermia-Induced Volume Changes and Focal Lesions of the Dog Prostate. *J of Ultrasound in Med*, March 1994;13:S:20.
 12. Brown CC, McCullen GM, Harris RD, and Balderston RA. The Iliolumbar Ligament: Imaging Using Magnetic Resonance. International Society for the Study of the Lumbar Spine, Seattle, WA, June 1994.
 13. Gorsch S, Manheimer E, Phillips D, Lewis A, Heaney J, Stempkowski L, Schned A, Amdur R, McDonnell C, Harris R, Ernstoff M. In vivo and in vitro Immunologic Responses to Prostatic Carcinoma Cell Lines among Prostate Cancer Patients and Healthy Controls. *Proc AACR*, (#2973), vol 35, p 499, 1994.
 14. Harris RD, Schned AS, Williams JC, Heaney JA, Ernstoff MS and Amdur RJ. Magnetic Resonance Imaging of Prostate Cancer with Histopathologic Correlation. American Urological Association, New England Sectional Annual Meeting, Southampton, Bermuda, October 1994.
 15. Williams JC, Hoopes PJ, Harris RD, Heaney JA, Wishnow KI and McNicholas TA. TRUS and MRI Features of interstitial Laser Coagulation of the Canine Prostate. American Urological Association, New England Section Annual Meeting, Southampton, Bermuda, October 1994.
 16. Ernstoff MS, Harris RD, Schned AR, Chertoff JD, Phillips DM, Lewis AP, Hackwell R, Pape L, Amdur R, Noelle R, and Heaney JA. Autologous tumor vaccine (ATV) combined with sequential

- interferong and interferon a in the treatment of patients with metastatic renal cell carcinoma Proc AACR 36:225, 1995.
17. Harris RD, Wells WD, Chertoff JD, et al. Accuracy of Prenatal Ultrasound in Detection of Circumvallate Placenta. Radiology 1995;197(p),364.
 18. Glazier DB, Heaney JA, Amdur RJ, Schned AR, Harris RD, Fukui I, and Ernstoff MS. 5-Fluorouracil and Allopurinol Combined with Recombinant Interferon-In the Treatment of Patients with Advanced Prostate Cancer:A Phase I/II Study. The Journal of Urology, 155:624-627, February 1996.
 19. Harris RD, Chertoff JD, Lewis PA, Pavone M. Introduction to Radiology for Undergraduate Work Study Students. Association of University Radiologists 44th Annual Meeting, Birmingham, AL., 1996 (p) 75
 20. Kaufman PA, Harris R, Skillings J, Walde D, Hong A, Verma S, Guevin R, Joseph J, and Finizio M. Losoxantrone and Paclitaxel versus Paclitaxel inPatients with Metastatic Breast Cancer: A Phase III Randomized Study. Breast Cancer Research and Treatment, 46: 403A, 1997. 20th Annual San, Antonio Breast Cancer Symposium.
 22. Harris RD, Poppe A, Holtzman S. The Clinical Utility of a Negative Pelvic Ultrasound in Patients with Pelvic Pain. AJR 170:(4)57;1998. 98th Annual meeting, San Francisco, April 28, 1998.
 23. Kaufman PA, Harris RD, Skillings J, Walde D, Hong A, Verma S, Guevin R, Joseph J, Finizio M.Losoxantrone and Pacilitaxel vs. Pacilitaxel Alone as First Line Chemotherapy for Metastatic Breast Cancer (MBC): Final Results of a Phase III Randomized Trial. Proc ASCO, 17: 475A, 1998 (accepted).
 24. Lerner LB, Henriques HF, Harris RD. Interactive Three-dimensional Computed Tomography Reconstruction in the Evaluation of the Living Renal Donor. presented at the Society for Transplantation, San Diego, June 1998.
 25. Amdur RJ, Gladstone DJ, Leopold KA, Harris RD. Prostate Seed Implant Quality Assessment using MR and CT Image Fusion, Radiology 1998:209(p):209

26. Harris RD, Chouteau C, Partrick M, Schned AS. The Prevalence and Significance of Heterogeneous Testes at Ultrasound: A sonographic-pathologic study. *AJR* 1999;172: 109(P).
27. Gladstone DJ, Amdur RJ, Leopold, KA, Harris RD. Accuracy of Prostate Seed Implantation without Ultrasound. *Radiology*, 1999;213(P):110.
28. Harris RD, Carroll H. Analysis of Intraplacental Doppler for Predicting High Risk Pregnancies, *AJR*, 174(3), 35, 2000.
29. Harris RD, Miao C, Beach M, Levine D. Color Doppler Sonography of Uterine Fibroids in Pregnancy as a Predictor of Growth During Gestation. *American Institute of Ultrasound in Medicine/World Federation for Ultrasound in Medicine and Biology*, June 2003.
30. Popov V, Harris RD, Selim SS, Popov D, Sargent SK, Kacar I. The Feasibility of a Real-Time Low Cost Tele-Ultrasound System Between a Remote Location and an Academic Medical Center: A Pilot Study. *ARRS/AJR* 2005, vol. 184:4, p 39.
31. Josh Pyke, Michael Hart, Veljko Popov, Robert D. Harris, Susan McGrath. A Tele-Ultrasound System for Real-Time Medical Imaging in Resource-Limited Settings, presented to 29th IEEE EMBS Annual International Conference, Lyon, France, August 2007.
32. Harris, Robert; McGrath, Susan; Pyke, Josh, Carney, Tom
The Development of Low-Cost, Real-time Satellite TeleUltrasound: A Trans-Oceanic Pilot Trial, presented at the AIUM national meeting, April 4, 2008, New York City.

LETTERS TO THE EDITOR PUBLISHED:

1. Harris RD, Diagnostic Specificity: Proper Use. *AJR* 1989; 153:653.
2. Harris RD, Disgruntled Author Not Representative, *Diagnostic Imaging*, November 1997, p 14.

3. Harris RD, Liver Hemangioma: US-guided Core-Needle Biopsy, *Radiology* 1998, 208:267-269.

EXHIBITS AT SCIENTIFIC MEETINGS:

1. Harris RD, DeRoo TR, Roberts DW, Cromwell LD. Magnetic Resonance Imaging of Epilepsy Surgery. Presented at Society of Magnetic Resonance Imaging 7th Annual Meeting, Los Angeles, California, February 25 - March 1, 1989.
2. Harris RD, Simpson W, Marin-Padilla M, Stys S, Crow HC. A Sonographic-Pathologic Correlation of Placental Sonolucencies and Infarction. Presented at the Society of Perinatal Obstetricians Annual Meeting, Houston, Texas, January 25-28, 1990.
3. Harris RD, DeRoo TR, Roberts DW, Cromwell LD. Magnetic Resonance Imaging of Epilepsy Surgery. Presented at American Society of Neuroradiology, St. Louis, Missouri, June 1992.
4. Harris RD, Barth RA, Gaary EA. Current Concepts of Sonography of the Gravid Uterus and Placenta. Presented at the 78th Annual Meeting of the Radiological Society of North America, Chicago, Illinois, November 29 - December 4, 1992.
5. Harris RD, Schned AR, Heaney JA, Williams JC, Milstein MJ. MRI Imaging of Prostate Cancer: Pearls and Pitfalls. Presented at the 79th Annual Meeting of the Radiological Society of North America, Chicago, Illinois, November 28 - December 3, 1993.
6. Harris RD, Schned AR, Williams JC, Heaney JA. Prostate Cancer MRI and Histological Correlation. Presented at the 94th Annual American Roentgen Ray Society Meeting, New Orleans, Louisiana, April 24-29, 1994.
7. Cho CH, Marin-Padilla M, Wells W, Harris RD. The Pathologic Basis of Placental Abnormalities Detectable by Ultrasound. 1994 RSNA Annual Meeting, Chicago, Illinois, November 28-December 3.

8. Harris RD, Marin-Padilla M, Wells W, Cho CH. Ultrasound of Non-neoplastic Lesions of the Placenta with Pathological Correlation. ARRS Annual Meeting, Washington, DC, April 30-May 4, 1995
9. Rhodes E, Kasales C, Porter M, Kupesic S, Harris RD. Sonographic Findings of Abnormal First Trimester Intrauterine Pregnancy. Radiological Society of North America, 86th Annual Meeting, Chicago, Illinois, Nov. 26-Dec. 1, 2000.
10. Harris RD, Cendron M, Schned AR, Heaney JA, Ellsworth P, Kasales CJ, Weidman E. New Concepts in Testicular Sonography. American Roentgen Ray Society Annual Meeting, Seattle, WA, April 29-May 4, 2001
10. Harris RD, Cendron M, Schned AR, Heaney JA, Ellsworth P, Kasales CJ, Weidman E. New Concepts in Testicular Sonography. American Institute of Ultrasound in Medicine Annual Meeting, Nashville, TN, March 10-15, 2002.
11. Kaufman PA, Schwartz G, Dragnev K, Mulrooney T, Connelly E, Hazelton S, Lewis L, Cole C, Harris RD. Phase I Trial of Herceptin and Navelbine for Patinets with HER-2/*neu* (+) Advanced Breast Cancer. 25th Annual Breast Cancer Symposium, San Antonio, TX, Dec. 11-14, 2002.
12. Harris RD, Wechsler E, Chertoff JD, Lee R. Unknown Ultrasound Cases (Abdominal, Pelvic, Obstetrical, Vascular), Society of Radiologists in Ultrasound Annual Meeting, Washington, D. C., Oct. 29-31, 2004.

INVITED PRESENTATIONS:

1. Shoulder Sonography: Technique and Interpretation. Presented to the Department of Radiology, Massachusetts General Hospital, Boston, Massachusetts, October 10, 1986.
2. Magnetic Resonance Imaging: Clinical State of the Art. Presented to Medical Staff, Littleton Hospital, Littleton, New Hampshire, December 10, 1987.

3. Body Magnetic Resonance Imaging. Presented to Medical Staff, Brattleboro Memorial Hospital, Brattleboro, Vermont, January 13, 1988.
4. Body Magnetic Resonance Imaging. Presented to Medical Staff, Rutland Regional Medical Center, Rutland, Vermont, January 13, 1988.
5. MRI and the General Surgeon, Surgical Grand Rounds, Dartmouth-Hitchcock Medical Center, Hanover, New Hampshire, March 12, 1988.
6. MRI of the Abdomen and Genitourinary Tract, Urology Rounds, Dartmouth-Hitchcock Medical Center, Hanover, New Hampshire, March 29, 1988.
7. MRI in Sports Medicine, presented at Vermont/ New Hampshire State Radiological Societies Meeting, Woodstock, Vermont, April 9, 1988.
8. Ultrasound of Extra-CNS Fetal Anomalies; presented at The Fetus as a Patient Conference sponsored by New Hampshire Regional Perinatal Program and Dartmouth Medical School, Hanover, New Hampshire, April 13, 1988.
9. Magnetic Resonance Imaging - When and Why. Regional Meeting of the American College of Physicians, Hanover, New Hampshire, September 29, 1989.
10. Non-fetal Aspects of Obstetrical Ultrasound, presented to the Department of Radiology, University of Virginia, Charlottesville, Virginia, April 23, 1990.
11. Ultrasound of the Placenta, Membranes, and Amniotic Fluid, presented at the 1st Annual OB-GYN Ultrasound for the 90's Conference, Dartmouth-Hitchcock Medical Center, Hanover, New Hampshire, April 28, 1990.
12. MRI of the Knee: Pathology and Pitfalls, presented at the Practical MRI Course of the New England Roentgen Ray Society, Cape Cod, Massachusetts, October 13, 1990.
13. Update on Ob/Gyn Ultrasound, presented to Medical Staff, Springfield Hospital, Springfield, Vermont, December 12, 1991.

14. Principles and Indications for Body MRI, presented to Medical Staff, Chelmsford MRI, Chelmsford, MA, October 14, 1992.
15. GU Radiology in Primary Care, presented at Urology for the Primary Care Physician, Dartmouth-Hitchcock Medical Center, Lebanon, New Hampshire, April 1, 1993.
16. MRI of the Knee and Shoulder: The Dartmouth Experience. Presented to the Maine Radiological and Orthopaedic Societies, Sugarloaf, Maine, March 12, 1994.
17. Body MRI: Problem Solving Diagnostic Tool. Presented to the Maine Radiological Society, Sugarloaf, Maine, March 13, 1994.
18. Sonography of the Fetal Environment: The Placenta, Amniotic Fluid, and Gravid Uterus. Refresher Course, 94th Annual Meeting of the American Roentgen Ray Society, New Orleans, April 25, 1994.
19. Update on Sonography of the Placenta, 3rd Annual OB-GYN Ultrasound Course, DHMC, Lebanon, NH, April 10, 1995.
20. MRI of the Prostate, 1st Annual DHMC Frontiers in Radiology Course, Woodstock, VT, May 12, 1995.
21. Update on Non-fetal Obstetrical Ultrasound, 2nd Annual DHMC Frontiers in Radiology Course, Lebanon, NH, June 1, 1996.
22. The Placenta: the Forgotten Organ, Granite State Sonographers Society, Manchester, NH, October 11, 1996.
23. Ultrasound of the Placenta and Membranes, Sveti Duh Hospital, University of Zagreb, Zagreb, Croatia, January 16, 1997.
24. Sonography of the Placenta, New England Roentgen Ray Society Meeting, Boston, MA, February 21, 1997.
25. Ultrasound of the Scrotum: Doppler Plays a Role, Dartmouth-Hitchcock Medical Center, Lebanon, NH, 1997 Ultrasound Biannual Course, March 15, 1997.

26. The Placenta: the Forgotten Organ, Department of Radiology, George Washington University Hospital, Washington, D.C., March 17, 1997.
27. Update on New Applications of Body MRI, Medical Grand Rounds, Springfield Hospital, Springfield, VT, Oct. 30, 1997.
28. Problems in the Placenta, UT-Houston Medical School, Hermann Hospital, Houston, Texas, February 23, 1998.
29. Urinary Tract Infections and Renal Colic, When to Image and How. Primary Care Radiology, DHMC, Lebanon, NH April 4, 1998.
30. GU Complications of Pregnancy, presented at the 25th annual meeting of the Society of Uroradiology, July 2, 1998, Bermuda.
31. Scrotal Ultrasound: Pearls and Pitfalls, Univ. of Pittsburgh Medical Center, Pittsburgh, Pa. November 24, 1998.
32. Liver MRI with Ferridex, Oncology Outreach Program, DHMC, Lebanon, NH Dec. 4, 1998
33. Imaging Complications of Pregnancy, OB-GYN Grand Rounds, DHMC, Lebanon, NH, Dec. 17, 1998.
34. Imaging of Maternal Complications of Pregnancy, Ultrasound 1999 Biannual Course, Dartmouth-Hitchcock Medical Center, Lebanon, NH. March 27, 1999.
35. Imaging of Renal Tumors, 41st New England Conference of Radiologic Technologists, Manchester NH, Sept. 17, 1999.
36. Abdominal and Pelvic Ultrasound for Vascular Sonographers: Life Beyond Doppler, New England Vascular Technology Symposium, Lebanon, NH, Sept. 18, 1999.
37. Maternal Genito-urinary Complications of Pregnancy, New England Society of Ultrasound in Medicine, Boston, Jan. 11, 2000.

38. New Concepts in Imaging of the Placenta, Grand Rounds, Radiology Dept., Fletcher Allen Health Care, Burlington, VT, Jan. 21, 2000.
39. Grand Rounds-Scrotal Ultrasound 2000. UVM College of Medicine, Radiology Dept., Fletcher Allen Health Care, Burlington, VT, Jan. 21, 2000.
40. Scrotal Ultrasound, MGH-Harvard Medical School, Dept. of Radiology, Boston Mass., April 2, 2000.
41. Advances in Fetal Urologic Imaging, International Congress of Pediatric Urologists, Tours, France, June 10, 2000.
42. Fetal MR Imaging, Departments of Radiology and Obstetrics and Gynecology, Sveti Duh Hospital, Zagreb, Croatia, June 12, 2000.
43. New Concepts in Scrotal Sonography, New England Roentgen Ray Society Ultrasound Refresher Course, Boston, MA, March 3, 2001.
44. Placental Ultrasound 2001, and Imaging of Maternal Complications of Pregnancy, Rhode Island Society of Diagnostic Medical Sonographers, Providence, RI, April 7, 2001.
45. Keynote Address, "Fetal MRI: Great Hope or Hype", American Roentgen Ray Society, 102nd Annual Meeting, April 30, 2002, Atlanta.
46. GU Session Moderator, American Roentgen Ray Society, 102nd Annual Meeting, April 30, 2002, Atlanta.
47. Abdominal Ultrasound Session Moderator, Society of Radiologists in Ultrasound, Oct. 27, 2002.
48. Imaging of Maternal Complications of Pregnancy, presented at the annual US meeting of the New England Roentgen Ray Society, Boston, MA, March 8, 2003.
49. Update on the Placenta and Gravid Cervix, Tufts-NEMC, Dept. of Radiology, Boston, MA, May 15, 2003.

50. Imaging of Non-obstetrical Complications of Pregnancy, DHMC Dept. of OB-GYN, Lebanon, NH, Sept. 9, 2003.
51. Interesting Obstetrical Ultrasound Cases, Presented to the Society of Radiologists in Ultrasound, Oct. 18, 2003, Chicago.
52. Moderator, Scientific Session, GU/OB/GYN, ARRS 104th Annual Meeting, Miami Beach, May 3, 2004
53. Placental Insufficiency and Cervical Incompetence: Out with the “In’s”, presented at the Society of Radiologists in Ultrasound annual meeting, Washington D.C., Oct. 29, 2004.
54. Imaging of Maternal Complications in Pregnancy, given to regional medical society, Zrejanin, Serbia, Jan. 12, 2005.
55. Abdominal Unknown Cases, Film Panel Moderator, New England Roentgen Ray Society, Boston Mass, Jan. 21, 2005.
56. Placental Sonography, Ochsner Clinic, New Orleans, LA, May 18, 2005
57. Imaging of GU Maternal Complications in Pregnancy, AIUM Meet the Professor Session, June 17, 2005, Orlando, FL
58. Primer on First Trimester Ultrasound, presented to OB/GYN Dept. Grand Rounds, DHMC, Sept. 28, 2005.
59. Imaging of GU Maternal Complications of Pregnancy, presented to MGH and BWH Dept. of Radiology, Boston, MA, Jan. 17-18. 2006.
60. Update on Placental and Cervical Sonography, Dept. of Radiology, Yale University School of Medicine, New Haven, CT, Feb. 6, 2006.
61. Imaging of Maternal Complications of Pregnancy, Dept. of Radiology, Cornell Medical College, New York City, NY, March 16, 2006.
62. High-risk Obstetrical ultrasound cases, ARRS Case Review session, May 9, 2007, ARRS annual meeting, Orlando, FL. May 6-11.

63. Ob-Gyn Grand Rounds, DHMC, May 31, 2007. The Role of Compact Ultrasound in Developing Countries.
64. First trimester sonography: basic concepts and newer developments. 30th Annual Postgraduate Seminar in Diagnostic Ultrasound, Pontiac Michigan. Sept. 28-29, 2007 also, Sonography of the Placenta and Gravid Cervix, and Sonography and Imaging of Maternal Complications of Pregnancy.
65. Potpourri of Difficult U/S Cases, Presented at the Annual meeting of the Society of Radiologists in Ultrasound, Oct. 27, 2007, Chicago, IL..
66. Series of Lecture on Ultrasound, Hanoi National Pediatrics Hospital, March 5-10, 2008.
67. New Topics in Scrotal Sonography, Granite State Sonography Society annual meeting, Manchester, NH Nov. 15, 2008.

VISITING PROFESSORSHIPS:

1. University of Virginia, Department of Radiology, Charlottesville, Virginia, April 23-24, 1990.
2. Sveti Duh Hospital, Dept. of Obstetrics and Gynecology, University of Zagreb, Zagreb, Croatia. January 13-17, 1997.
3. George Washington University Hospital, Department of Radiology, Washington, D.C., March 17, 1997.
4. Univ. of Texas at Houston Medical School, Hermann Hospital, Dept. of Radiology, Houston, Texas, February 23, 1998.
5. Univ. of Pittsburgh Medical Center, Dept. of Radiology, Pittsburgh, PA, November 24-25, 1998.
6. Mayo Clinic, Dept. of Radiology, Rochester, Minnesota, November 18-19, 1999.

7. Fletcher Allen Health Care/UVM College of Medicine, Dept. of Radiology, Burlington, VT, January 21, 2000.
8. Massachusetts General Hospital/Harvard Medical School, Dept. of Radiology, Boston, MA. April 6, 2000.
9. Sveti Duh Hospital/Univ. of Zagreb, Dept. of OB/GYN, Zagreb, Croatia, June 11, 2000.
10. Tufts Medical School/New England Medical Center, Dept. of Radiology, Boston, MA, May 15, 2003.
11. University of Novi Sad Medical School, Dept. of Radiology, Novi Sad, Serbia, Jan. 5, 2004
12. Ochsner Clinic, Dept. of Radiology, New Orleans, LA, May 16, 2005
13. Harvard-MGH-BWH Departments of Radiology , Boston, MA Jan. 17-18, 2006.
14. Yale University Department of Radiology, New Haven, CT, Feb. 6, 2006.
15. Cornell Medical College-NY Presbyterian Hospital, New York, NY, Dept. of Radiology, March 16, 2006.
16. Harvard-MGH-BWH Departments of Radiology, Jan. 23-24, 2009, Boston MA.
17. UVM-Fletcher Allen Medical Center Department of Radiology, Burlington, VT April 10, 2009,