

January 2003

CURRICULUM VITAE

RONALD RHOADS PRICE, Ph.D., D.A.B.R.

OFFICE ADDRESS: Division of Radiological Sciences
Vanderbilt University Medical Center
Nashville, Tennessee 37232

PRESENT TITLES: Director, Division of Radiological Sciences
Professor of Radiology
Professor of Physics and Astronomy
Chief Diagnostic Physics & Ultrasound Physics

UNDERGRADUATE WORK:

B.S. in Physics (honors), 1965
Western Kentucky University
Bowling Green, Kentucky

GRADUATE WORK:

Ph.D. in Physics, 1971
Vanderbilt University
Nashville, Tennessee

CERTIFICATION:

American Board of Radiology
Diagnostic Medical Physics (June 1992)

American Board of Radiology
Medical Nuclear Physics (June 1992)

American Board of Medical Physics
Medical Physics with Special Competence in
Magnetic Resonance Imaging Physics (April 1998)

NATIONAL ASSIGNMENTS:

NIH: Ad Hoc Study Sections
(1994-1998)

NIH: Diagnostic Radiology Study Section
(1998-2001)

American College of Radiology
MRI Accreditation Physics Reviewer
(1996-Present)

PROFESSIONAL EXPERIENCE:

1986-Present Professor of Radiology
Chief Diagnostic Physics & Ultrasound Physics
Director, Division of Radiological Sciences
Department of Radiology
Vanderbilt University Medical Center

1994-Present Professor of Physics
Department of Physics and Astronomy
Vanderbilt University

PROFESSIONAL EXPERIENCE (cont'd):

- 1979-1994 Associate Professor of Physics
Department of Physics and Astronomy
Vanderbilt University
- 1978-1986 Associate Professor of Radiology
Department of Radiology
Vanderbilt University Medical Center
- 1977-1978 Assistant Professor of Radiology
Division of Radiological Sciences
Department of Radiology
Vanderbilt University Medical Center
- 1975-1977 Assistant Professor of Radiology
Division of Nuclear Medicine and Biophysics
Department of Radiology
Vanderbilt University Medical Center
- 1973-1975 Instructor, Division of Nuclear Medicine
and Biophysics
Department of Radiology
Vanderbilt University Medical Center
- 1972-1973 Research Associate
Division of Nuclear Medicine
and Biophysics
Department of Radiology
Vanderbilt University Medical Center
- 1970-1972 Biophysicist
Department of Radioisotope Research
Veterans Administration Medical Center
Nashville, Tennessee

VANDERBILT UNIVERSITY COMMITTEES:

- University Animal Care Committee (1984-89)
Radioactive Drug Research Committee (1980-2000)
Clinical Radiation Committee (1980-2000)
University Radiation Safety Committee (1990-2000),
Chairman
Human Subject Radiation Committee 2001-Present
Institutional Review Board Subcommittee 2001-Present

NATIONAL COMMITTEES AND APPOINTMENTS:

Vice-President, Computer Council Society of Nuclear Medicine (1980)

President, Computer Council Society of Nuclear Medicine (1981)

Member, Medical Internal Radiation Dosimetry Committee of the Society of Nuclear Medicine (1981-85)

American
Chairman, Nuclear Magnetic Resonance Committee --
Association of Physicists in Medicine (1988-present)

Chairman, Magnetic Resonance Imaging Quality Assurance Committee --
American Association of Physicists in Medicine (1983-87)

Member, NMR Site Planning Committee -- American Association of
Physicists in Medicine (1983-present)

Member, Education Committee, Society of Magnetic Resonance Imaging
(1984-present)

Member, MRI Quality Assurance Committee, American College of
Radiology (1985-present)

Member, Education and Training of Medical Physicists Committee.
American Association of Physicists in Medicine (1986-1989)

Consultant on Microwave Programs, National Research Council
(December 1984)

Member, Review Committee, National Institutes of Health, Biomedical
Research Technology Program, Div of Research Resources
(July 1986)

Member, Review Committee, National Institutes of Health,
National
Heart, Lung and Blood Institute (April 1987)

Resonance Imaging Co-Chairman, Scientific Program Society of Magnetic
Washington, D.C. (1989)

Magnetic Co-Chairman, General Program Committee Society of
Resonance Imaging, New York, New York (1990)

Board of Directors, Society of Magnetic Resonance Imaging
(1989-1992)

NATIONAL COMMITTEES AND APPOINTMENTS (cont'd):

Accreditation: Committee Member, American College of Radiology, MRI
Physics Subcommittee (1994-Present)

Minneapolis, Committee Member, ARRT MRI Examination Committee,
MN, (1996)

Carolina, 1997 Co-Host, SEAAPM Symposium, Winston-Salem, North

Imaging, AAPM Chairman, Committee on Functional Magnetic Resonance
(1997)

Radiology Committee Member, AAPM, Committee on Training of
Residents (1997)

NATIONAL PROGRAMS:

(1979) Scientific Program Committee -- Society of Nuclear Medicine
(1979) Atlanta, Georgia

Nuclear Scientific Program Committee -- Subchairman -- Society of
Medicine (1980) Detroit, Michigan

Scientific Program Committee -- Instrumentation
Subchairman (1981) Las
Vegas, Nevada

Beach,
Scientific Program Committee -- Subchairman (1982) Miami
Florida

Utility
Course Director -- Digital Radiography: A Focus on Clinical
(1982), New Orleans, Louisiana

Refresher Course Faculty -- Radiological Society of North
America (1982)
Chicago, Illinois

Instrumentation Subchairman -- Program Committee, Society
of North
America (1983) St. Louis, Missouri

North America
Scientific Program Committee -- Radiological Society of
(1983) Chicago, Illinois

NATIONAL PROGRAMS (cont'd):

America (1983)
Refresher Course Faculty -- Radiological Society of North
Chicago, Illinois

CME Faculty -- Society of Magnetic Resonance Imaging
(1984)
Orlando, Florida

Scientific Program Committee -- Society of Magnetic
Resonance Imaging
(1984), Orlando, Florida

Scientific Program Committee -- Society of Magnetic
Resonance Imaging (1985), San Diego, California

Continuing Education Faculty -- Society of Nuclear Medicine
(1985) Houston, Texas

(1985) Scientific Program Committee -- Society of Nuclear Medicine

Summer School Faculty -- American Association of Physicists in Medicine
in Magnetic Resonance Imaging (1985) Portland, Oregon

North America Scientific Program Committee -- Radiological Society of
(1986), Chicago, Illinois

Scientific Program Committee -- SPIE: "Medical Imaging
XV/PACS V"
(1986), Newport Beach, California

Resonance Imaging Scientific Program Committee -- Society of Magnetic
(1988), Boston, Massachusetts

Medicine President-Elect -- NMR Council of the Society of Nuclear
(1989-90)

(1990-1991) President -- NMR Council of the Society of Nuclear Medicine

Board of Directors - Society of Magnetic Resonance Imaging

Editorial Board - Journal of Magnetic Resonance Imaging

America (1993) Scientific Program Committee, Radiological Soc of North

NATIONAL PROGRAMS (cont'd):

America (1994) Refresher Course Faculty -- Radiological Society of North
Chicago, Illinois

America Scientific Program Committee, Radiological Society of North

(1994), Chicago, Illinois

America
Scientific Program Committee, Radiological Society of North

(1995), Chicago, Illinois

Physicists in
Vice-Chairman, Science Council, American Association of
Medicine (1996)

America (1997)
Refresher Course Faculty — Radiological Society of North
Chicago, Illinois

Meeting,
Chairman, Local Arrangements Committee, 1999 AAPM
Nashville, Tennessee

INVITED LECTURES:

Ultrasound",
Destructive Testing
"Methods of Non-Destructive Testing Using Realtime
Tennessee, Valley Authority, Hartsville Reactor Non-
Group (January 1980)

Dual-Energy
1980)
"Determination of Vertebral Bones Mineral Content Using
absorptiometry", Brookhaven National Laboratory (April

University of
Wisconsin, Madison, Wisconsin (June 1980)
"Validity of Dual-Energy Bone Mineral Content Imaging",

University of South
Alabama, Mobile, Alabama (June 1980)
"Techniques of Ultrasound Tissue Characterization",

Louisiana,
New Orleans, Louisiana (October 1981)
"Basic Principles of Digital Radiography", Course on Digital
Radiography: A Focus on Clinical Utility. New Orleans,

"Characterization of Tissue Components by Ultrasound Methods", Intra-
 Science Research Foundation, Santa Monica, California
 (February 1982)

INVITED LECTURES (cont'd)

"Parameters of Digital Subtraction Angiography", Association
 of
 University Radiologists, Baltimore, Maryland, (March 1982)

"MRI and Digital Radiography: New Technologies in
 Medicine",
 Association of Hospital Radiology Administrators, Nashville,
 Tennessee
 (May 1982)

"The Digital Imaging Process", Radiological Society of North
 America,
 Chicago, Illinois (November 1982)

"Magnetic Resonance Imaging: Overview" American
 Roentgen Ray
 Society, Atlanta, Georgia (April 1983)

"The Digital Imaging Process", Radiological Society of North
 America,
 Chicago, Illinois (November 1982)

"Magnetic Resonance Imaging: Overview" American
 Roentgen Ray
 Society, Atlanta, Georgia (April 1983)

"Basic Physics of Realtime Ultrasound", Course in Realtime
 Ultrasonography, Nashville, Tennessee (May 1983)

"Micro Computer Applications in Medical Imaging", Western
 Kentucky
 University, Bowling Green, Kentucky (October 1983)

"Magnetic Resonance -- Ultrasound Tissue Characterization",
 Society of
 Nuclear Medicine, Orlando, Florida (October 1983)

"New Advances in the Digital Imaging Process", Radiological Society of North America, Chicago, Illinois (November 1983)

"Technical Specification of Realtime Ultrasound Instrumentation", Radiological Society of North America (November 1983)

"Magnetic Resonance Imaging Site-Planning", Society of Magnetic Resonance Imaging, Orlando, Florida (February 1984)

"The Physics of Magnetic Resonance Imaging", Course on High Technology in Medicine, Blaydes Foundation, Bluefield, West Virginia (March 1984)

INVITED LECTURES (cont'd)

"Quality Assurance in Magnetic Resonance Imaging", First Inter-American Meeting of Medical Physics, Chicago, Illinois (July 1984)

"MRI Blood Flow Imaging", Technicare Users Group Meeting, Phoenix, Arizona (January 1985)

"MRI Site Planning and Quality Assurance", Society of Magnetic Resonance Imaging, San Diego, California (March 1985)

"The Impact of Digital Radiography on Radionuclide Imaging", Eastern Great Lakes, Society of Nuclear Medicine, Niagara Falls, New York (May 1985)

"Extensions to Magnetic Resonance Imaging", Society of Nuclear Medicine, Houston, Texas (June 1985)

"Quality Assurance and Phantom Design", American Association of Physicists in Medicine Summer School, Portland, Oregon (July 1985)

"Quality Assurance in MRI", American Association of Physicists in Medicine, Seattle, Washington (August 1985)

"Quality Assurance in MRI", American Association of Physicists in Medicine, Lexington, Kentucky (August, 1986)

"Practical Consideration of Quality Assurance in MRI", Radiological Society of North America, Chicago, Illinois (December 1986)

Radiological "Practical Aspects of MR Imaging Quality Assurance" Society of North America, Chicago, Illinois (December 1988)

Annual RSNA "Practical Aspects of MR Imaging Quality Assurance" 7th (Refresher Course), Chicago, Illinois (1989)

Annual "MRI Quality Assurance and Acceptance Testing" SMRI 8th Meeting, Washington, D.C. (1990)

Medical Physics "Acceptance Testing and Quality Assurance" Diagnostic Review AAPM, St.Louis (July 1990)

INVITED LECTURES (cont'd)

North "Contrast Mechanisms in GRE Imaging and an Introduction to FAST Imaging", 79th Scientific Meeting, Radiological Society of America, Chicago, Illinois (November 1993)

"MRI Physics", Tennessee State ARRT, Jackson, Tennessee (February 1995)

- Physicists in "MRI Physics for Technologists", American Association of
Medicine, Boston (July 1995)
- Tennessee "Color Doppler Physics", Vanderbilt Symposium, Nashville,
(May 1995)
- Georgia "Color Doppler Physics and Instrumentation", Atlanta,
(August 1995)
- University, "Physics of X-Ray Mammography", Western Kentucky
Bowling Green, KY (April 1995)
- (December 1995) "Basic Physics and Instrumentation of MRI for
Technologists",
Radiological Society of North America, Chicago, Illinois
- "Quality Assurance and Acceptance Testing in MRI", AAPM
Annual
Meeting, Philadelphia, PA (July 1996)
- American "Advances in Magnetic Resonance Imaging", Bulletin of
Physical Society, 41(2):887, 1996.
- "Functional Magnetic Resonance Imaging", Seminar in
Applied Physics,
Vanderbilt University Club, Nashville, TN (February 1997)
- "Functional MRI Contrast Agents", Southeastern Chapter,
AAPM,
Winston-Salem, NC, (March 19-22, 1997)
- "Contrast Media used in MRI", SEAAPM Annual Meeting,
Salem, NC
(March 1997)
- "MR Basic Physics", RSNA Annual Meeting, Chicago (1997)

“Practical Aspects of Functional MRI - Task Group #8 Report”, AAPM Annual Meeting, Milwaukee, WI (July 1997)

INVITED LECTURES (cont'd)

“Functional Magnetic Resonance Imaging”, Seminar in Applied Physics, Vanderbilt University Club, Nashville, TN (February 1997)

“Functional Magnetic Resonance Imaging”, SEAAPM Annual Meeting, Winston-Salem, NC (March 1997)

“Basic Principles of MR”. 1998 Physics Categorical Refresher Course

Stephen J.
Scientific
Chicago

Syllabus, The Basic Physics of Magnetic Resonance Imaging, Riederer and Michael L. Woods, eds. Presented at the 84th Meeting of the Radiological Society of North America, (December 1998)

Residents, RSNA

“Magnetic Resonance Imaging (MRI) Safety Considerations”. AAPM/RSNA Tutorial in Basic Physics for Radiology (1998)

1998)

“Overview: Functional Magnetic Resonance Imaging (fMRI)”. 1998 AAPM Annual Meeting, San Antonio, Texas (August

“MRI Equipment”. 1998 AAPM Annual Meeting, San Antonio, Texas (August 1998)

“Practical Aspects of Functional MRI - Task Group #8 Report”, AAPM Annual Meeting, Nashville, TN (July 1999)

Imaging”. RSNA,

“AAPM/RSNA Tutorial on Equipment Selection MR (1999)

VISITING PROFESSORSHIPS:

Heidelberg University
 Heidelberg, West Germany
 (July 1975)

Brookhaven National Laboratory
 Upton, Long Island, New York
 (April 1980)

University of Wisconsin
 Madison, Wisconsin
 (June 1980)

VISITING PROFESSORSHIPS (cont'd)

University of South Alabama
 Mobile, Alabama
 (June 1981)

Western Kentucky University
 Bowling Green, Kentucky
 (October 1983)

Brookhaven National Laboratory
 Upton, Long Island, New York
 (June, 1986)

Culpepper Foundation, University of
 Louisville, Louisville, Kentucky
 (September 1986)

Indiana University School of Medicine
 Indianapolis, Indiana
 (July 1988)

University of Rochester
 Rochester, New York
 (March 1996)

JOURNAL EDITORIAL REVIEW BOARDS:

Radiology — Journal of the Radiological Society of North
 America

Medical Physics — Journal of American Association of
 Physicists in

Medicine

Ultrasound — Journal of the American Institute of
Ultrasound in
Medicine

Magnetic Resonance Imaging — Journal of the Society of
Magnetic
Resonance Imaging

Associate Editor — Journal of Magnetic Resonance Imaging

Associate Editor — Medical Physics

PATENT APPLICATIONS:

Automatic Filter/Mask for Digital Subtraction Angiography
Systems
(pending) VU-8380

Dual Polarity Xeroradiography System (pending) VU-8401

Extracorporeal Ultrasound Lithotripsy Apparatus (pending)
VU-8513

TEACHING EXPERIENCE:

1972-1977 Computer Applications in Medicine I and II,
Radiology 5221 and 5222
Vanderbilt University School of Medicine

1974-1977 Diagnostic Radiology -- Nuclear Medicine
Physics Lecture Series
(Radiology Residents)
Vanderbilt University School of Medicine

1977-1990 Introduction to Radiological Physics
Radiology 5271
(Medical School Elective)

1977-1988 Applied Radiation Physics, Physics 243
(3 hour course)
Vanderbilt University College of Arts and Sciences
Department of Physics and Astronomy

1988-1996	Intermediate Medical Physics, Physics 204 (3 hour course) Vanderbilt University College of Arts and Sciences Department of Physics and Astronomy
1996-1998	Medical Physics, Physics 226B (3 hour course) Vanderbilt University College of Arts and Sciences Department of Physics and Astronomy
1999-Present	Medical Physics, Physics 228 (3 hour course) Vanderbilt University College of Arts and Sciences Department of Physics and Astronomy

THESES DIRECTED:

In-Vivo Determination of Bone Mineral Mass Using Photon Attenuation Techniques and Neutron Activation Analysis, K.H. Larsen (1978) (Ph.D.)

Digital Tomography with a Single Photon Emission Focal Plane Scanner,
D.R. Pickens (1981) (Ph.D.)

Development and Calibration of a Digital Ultrasound System for Assessing Tissue Attenuation Using Spectral Shift and Spectral Difference Methods
Mohammad Bodruzzaman (1984) (M.S.)

Comparison of Different Techniques for Estimating Ultrasonic Attenuation, John Weiss (1985) (M.S.)

Quantitative Single Photon Emission Computed Tomography,
Shirley Oyog (1986) (M.S.)

Simultaneous Least Squares Determination of Spin Density,
 T_1 and T_2 and Standard Errors from NMR Imaging
Thomas E. Conturo, (1988) (Ph.D.)

Acoustic Properties of the Fetal Skull, Chris Lorenz
(Electrical Engineering) (M.S., May 1988)

- Array for the
Characterization of an X-ray-Sensitive Linear Photodiode
Generation of Scanning Slit Radiographic Images
Michael Anthony Gill (M.S., May 1991)
- Resonance
A Fast Maximum Intensity Projection Algorithm for Magnetic
Angiography
Steven Schreiner (Biomedical Engineering) (M.S., 1991)
- Microcirculation
Quantitative Magnetic Resonance Imaging of Renal
and Diffusion
Chris Lorenz (Biomedical Engineering) (Ph.D., 1992)
- Ultrasonic Detection of Subcutaneous Fiducial Markers for
Interactive, Image-Guided Neurosurgery
Judith Thomas Lewis (Biomedical Engineering)
(Ph.D., 1992)

THESES DIRECTED (cont'd):

- Flow
Phase Contrast MRI Evaluation of Three Dimensional Blood
Patterns in the Pulmonary Circulation Post Fontan
Victoria Lee Morgan (Biomedical Engineering)
(Ph.D., 1996)
- Model-Based Fiducial Marker Recognition and Localization
Yang Wang (Biomedical Engineering)
(Ph.D., 1997)
- Three
Towards an Image-Guided Spinal Surgical System Using
Dimensional Ultrasound: From Concept to Clinic
Diane Marie Muratore (Biomedical Engineering)
(Ph.D., 2002)

HONORS:

- Kiwanis Scholarship -- Western Kentucky
University, 1961-1965
- George V. Page Award -- Outstanding Senior Physics Student,
1965

Magna Cum Laude -- Western Kentucky University, 1965

Atomic Energy Commission Health Physics
Fellowship, Vanderbilt University,
1965-1968

National Sciences Foundation Fellowship,
Vanderbilt University, 1968-1969

Sigma Pi Sigma -- Physics Honor Society

Sigma Xi

Culpepper Foundation Visiting Professorship,
University of Louisville School of
Medicine (September 1986)

Fellow of the Society
Society of Magnetic Resonance Imaging (March 1994)

Fellow American Association of Physicists in Medicine
(July 2001)

BOOKS:

1. A Review of Information Processing in Medical Imaging: Brill AB and Price RR (eds) National Technical Information Service, 1977.
2. Single Photon Emission Computed Tomography and Other Selected Computer Topics: Price RR, Croft BY, and Gilday DL (eds). New York: The Society of Nuclear Medicine Press, 1980.
3. Digital Radiography: A Focus on Clinical Utility, Price RR, Rollo FD, Monahan WG, and James AE Jr (eds). New York: Grune and Stratton, 1982.
4. Nuclear Magnetic Resonance (NMR) Imaging: Partain CL, Price RR, Rollo FD, and James AE Jr., (eds). Philadelphia, PA: WB Saunders, 1983.
5. Magnetic Resonance Imaging (Vol. 1): Partain CL, Price RR, Patton JA, and James AE Jr (eds). Philadelphia PA: WB Saunders, 1988.
6. Magnetic Resonance Imaging (Vol. 2): Partain CL, Price RR, Patton JA, and James AE Jr (eds). Philadelphia PA: WB Saunders, 1988.

BOOK CHAPTERS:

1. Erickson JJ and Price RR: "Factors Influencing the Performance of Nuclear Medicine Computer Systems". In Continuing Education Lecture Series, Southeastern Section of the Society of Nuclear Medicine, 1978.
2. Brill AB, Erickson JJ, Goddard J, Patton JA, Price RR, Rollo FD, and Touya JJ: "Computer Systems -- Basic Science". In Textbook of Nuclear Medicine. Edited by Harbert and Rocha. Philadelphia: Lea and Febiger, 1979, pp. 285-303.
3. Partain CL, Rollo FD, Price RR, Patton JA, Erickson JJ, James AE: Nuclear Magnetic Resonance Imaging: Diagnostic Impact in the Future. Southeastern Chapter, Society of Nuclear Medicine, Continuing Education Syllabus, October 1980.
4. Rollo FD, Price RR, Patton JA: "Atomic and Nuclear Physics". In A Physical Basis of Medical Imaging. Edited by CM Coulam, JJ Erickson, AE James Jr., and FD Rollo, New York: Appleton-Century-Crofts, pp. 13-25, 1981.
5. Partain CL, Price RR, Erickson JJ, Patton JA, Coulam CM, and James AE: "Nuclear Magnetic Resonance (NMR) Imaging". In A Physical Basis of Medical Imaging. Edited by CM Coulam, JJ Erickson, AE James, and FD Rollo. New York: Appleton-Century-Crofts, pp. 243-251, 1981.
6. Price RR and Rollo FD: "Interactions of Radiation with Matter". In A Physical Basis of Medical Imaging. Edited by CM Coulam, JJ Erickson, AE James, and FD Rollo. New York: Appleton-Century-Crofts, pp. 27-36, 1981.
7. Price RR and Jones TB: "Ultrasound: Basic Principles". In A Physical Basis of Medical Imaging. Edited by CM Coulam, JJ Erickson, AE James, and FD Rollo. New York: Appleton-Century-Crofts, pp. 155-168, 1981.
8. Gibbs SJ and Price RR: "Image Perception". In A Physical Basis of Medical Imaging. Edited by CM Coulam, JJ Erickson, AE James, and FD Rollo. New York: Appleton-Century-Crofts, 1981.
9. James AE, Jones TB, Davis R, Baker D, Taylor KW, Goodard J and Price RR: "Ultrasound: Certain Considerations of Equipment Usage". In A

Physical Basis of Medical Imaging. Edited by CM Coulam, JJ Erickson, AE James, and FD Rollo. New York: Appleton-Century-Crofts, 1981.

10. Patton JA, Price RR, and Partain CL: Functional Imaging of the Thyroid. In Functional Mapping of Organ Systems, Ed. Peter D. Esser, SNM Press, pp. 22-30, 1981.

BOOK CHAPTERS (cont'd):

11. Partain CL, Price RR, Patton JA, Erickson JJ, Pickens DR, and James AE: The Potential Impact of Digital Radiography on the Specialty of Nuclear Medicine. In Continuing Education Syllabus, Southeastern Chapter, Society of Nuclear Medicine, October 1981.
12. Touya JJ, Jones JP, Patton JA, Erickson JJ, Rollo FD, Price RR: "Ventilation/Perfusion Ratio Images by Gated Regional Spirometry". In Functional Mapping of Organ Systems, Ed. Peter D. Esser, SNM Press, pp. 32-37, 1981.
13. Price R, Jones T, Fleischer A, James AE Jr: Ultrasound: Basic principles: Ophthalmologic sonography. In: Coulam C (ed): The Physical Basis of Medical Imaging. New York: Appleton-Century-Crofts Publishers, 1981.
14. Partain CL, Price RR, Patton JA, Erickson JJ, Pickens DR, James AE, Hubner KF, Hayes RL: "Functional Mapping of the Brain: Positron Emission Tomography and Nuclear Magnetic Resonance Imaging". In Functional Mapping of Organ Systems, Ed. Peter D. Esser, SNM Press, pp. 13-19, 1981.
15. Partain CL, Price RR, Patton JA, James AE: Nuclear Magnetic Resonance (NMR) Imaging: Review and Future Directions. In NMR Imaging Transactions of the International Symposium, R Witcofski, N Karstaedt, CL Partain (eds.), Bowman-Gray School of Medicine, Winston-Salem 1982.
16. Price RR, Patton JA, Partain CL and James AE: Methods for Quantitating Flow Using Radioisotopes. In Continuing Education Syllabus, Southeastern Chapter, Society of Nuclear Medicine 1982.

17. Price RR: "Numbers and Number Systems". In Digital Nuclear Medicine. Edited by JJ Erickson and FD Rollo: Philadelphia: J.B. Lippincott Company, 1982.
 18. Price RR: "General Imaging Processing". In Digital Nuclear Medicine. Edited by JJ Erickson and FD Rollo. Philadelphia: J.B. Lippincott Company, 1982.
 19. Price RR: "The Binary Number System". In Digital Nuclear Medicine. Edited by JJ Erickson and FD Rollo. Philadelphia: J.B. Lippincott Company, 1982.
- Rollo FD, Patton JA, Price RR, Pickens DR: "Potential of Longitudinal Tomography for Imaging Receptor-Binding Radiotracers". In Receptor-Binding Radiotracers, Vol. II. Edited by WC Eckleman. CRC Press, 1982.

BOOK CHAPTERS (cont'd):

20. Price RR and James AE Jr: "Basic Principles and Instrumentation of Digital Radiography". In A Focus on Clinical Utility. R Price, FD Rollo, SG Monahan, and AE James, editors. New York: Grune and Stratton, 1982.
21. Reilly R, Jolles H, and Price RR: "Pulmonary Applications of Digital Radiography". In Digital Radiography: A Focus on Clinical Utility. R Price, FD Rollo, SG Monahan, and AE James, editors. New York: Grune and Stratton, 1982.
22. Heller R, Erickson JJ, and Price RR: "Pediatric Non-Angiographic Applications of Digital Radiography". In Digital Radiography: A Focus on Clinical Utility. R Price, FD Rollo, SG Monahan, and AE James, editors. New York: Grune and Stratton, 1982.
23. Schwenker P, Wayrynen RE, Gibbs SJ, Sloan OM, Price RR, and James AE Jr: "Analog Film-Screen Subtraction Intravenous Angiography". In Digital Radiography: A Focus on Clinical Utility. R Price, FD Rollo, SG Monahan, and AE James, editors. New York: Grune and Stratton, 1982.
24. Price RR, Pickens DR, Diggs J, Partain CL, Erickson JJ, Patton JA, Smith CW, Winfield A and James AE Jr: Renal Function: A Comparison of Digital Radiography and Nuclear Medicine. Pages 113-124 in Digital

Imaging: Clinical Advances in Nuclear Medicine, P.D. Esser, editor. New York: Society of Nuclear Medicine, 1982.

25. Partain CL, Price RR, Patton JA, Pickens DR, Sandler MP, Stephens WH, Mitchell MR, Runge VM, Rollo FD and James AE Jr: Nuclear Magnetic Resonance Imaging: An Overview of the Physical Principles, Clinical Potential, and Interrelationship with Radionuclide Imaging. Pages 231-279 in Nuclear Medicine Annual 1983, L. M. Freeman and H. S. Weissman, editors. New York: Raven Press, 1983.
26. Price RR, Patton JA, Partain CL and James AE Jr: Tissue Characterization with Ultrasound and Nuclear Magnetic Resonance Imaging. Pages 237-262 in Nuclear Magnetic Resonance and Correlative Imaging Modalities, C.L. Partain, Editor. New York: The Society of Nuclear Medicine, Inc., 1983.
27. Partain CL, Price RR, Stewart RG, Patton JA, Stephens WH, James AE: "Physical Basis for NMR Imaging". In Nuclear Magnetic Resonance (NMR) Imaging. Edited by CL Partain, AE James, FD Rollo, and RR Price. Philadelphia: W.B. Saunders Company, 1983.
28. James AE, Price RR, Rollo FD, and Partain CL: "Present Alternatives in Medical Imaging: The Relative Role of NMR". In Nuclear Magnetic Resonance (NMR) Imaging. Edited by CL Partain, AE James, FD Rollo, and RR Price. Philadelphia: W.B. Saunders Company, 1983.

BOOK CHAPTERS (cont'd):

29. James AE, Pickens DR, Rollo FD, Stephens WH, Erickson JJ, Patton JA, Mitchell M, Price RR, Partain CL: "The Clinical Potential of NMR: An Overview". In Nuclear Magnetic Resonance (NMR) Imaging. Edited by CL Partain, AE James, FD Rollo, and RR Price. Philadelphia: W.B. Saunders Company, pp. 297-311, 1983.
30. James AE, Pendergrass HP, Partain CL, Rollo FD, Quimby C, Johnson B, and Price RR: Legal Considerations of NMR Imaging. In Nuclear Magnetic Resonance (NMR) Imaging. CL Partain, AE James, FD Rollo, RR Price, eds., W.B. Saunders, Philadelphia 1983.
31. Partain CL, Price RR, Patton JA, Sandler MP, Kulkarni MV, et al: "Overview of NMR imaging: Physical principles, clinical potential, and interrelationship with radionuclide imaging and other modalities". In Nuclear Magnetic Resonance and Correlative Imaging Modalities. Edited by CL Partain. New York: The Society of Nuclear Medicine: 1-25, 1983.

32. Patton JA, Lagan JE, Price RR, Stephens WH, and Partain CL: "NMR site planning and patient safety". In Nuclear Magnetic Resonance and Correlative Imaging Modalities. Edited by CL Partain. New York: The Society of Nuclear Medicine, 1983.
33. Partain CL, Price RR, Patton JA, Runge VM, Mitchell MM, James AE: NMR Imaging: Physical Principles, Clinical Potential and Correlation with Radionuclide Imaging. In: Freeman L, ed. Nuclear Medicine Annual. New York: Raven Press, 1983.
34. Price RR, Pickens DR III, Diggs J, Kulkarni MV, Winfield AC, Reilley R, Patton JA, Mazer MJ, Martin VN, Partain CL, James AE, Jr: Assessment of organ function with digital subtraction angiography. In Digital Imaging Processing in Radiology, AE James, Jr., JH Anderson, CB Higgins, eds. Williams and Wilkins, 1984:73-88.
35. James AE, Jr., Winfield AC, Kane JJ, Sloan FA, Price RR, Partain CL, et al: Prospects and dilemmas of the consultant: The medical imaging specialist. In The Machine at the Bedside: Strategies for Using Technology in Patient Care, SJ Reiser, M Abar, eds. Cambridge University Press 1984.
36. Price RR: "Realtime Instrumentation and Scanning Principles". In Realtime Sonography. AC Fleischer and AE James Jr. Norfolk, Connecticut: Appleton-Century-Crofts, 1984.
37. Runge VM, Partain CL, Price RR, Patton JA, James AE: Nuclear Magnetic Resonance Imaging: Relationship with Nuclear Medicine. In: Harbert JC, ed. Textbook of Nuclear Medicine: Basic Science, 2nd edition. Philadelphia: Lea & Febiger, 1984:424-437.

BOOK CHAPTERS (cont'd):

38. Price RR, Partain CL, Kulkarni MV, et al: Digital radiography and its potential impact on radionuclide imaging. Pages 273-304 in Nuclear Medicine Annual 1984, LM Freeman and HS Weissman, editors. New York: Raven Press, 1984.
39. Partain CL, Kulkarni MV, Sandler MP, Patton JA, Price RR: Magnetic Resonance Imaging: Clinical Results in the Chest and Breast. In: Thomas SR, Dixon RL, eds. NMR in Medicine: The Instrumentation and Clinical Applications. AAPM Medical Physics Monograph No. 14, 1985:364-371.

40. James AE, Winfield AC, Price RR, Partain CL: The Medical Imaging Suite: Its Effect on the Health Care Delivery System. In Medical Imaging, S Reiser, ed., National Center for Health Care Technology 1985.
41. Price RR, Patton JA, Erickson JJ, Pickens DR, Partain CL, James AE: Concepts of quality assurance and phantom design for NMR systems. In: Thomas SR, Dixon RL, eds. NMR in Medicine: The Instrumentation and Clinical Applications. AAPM Medical Physics Monography No. 14, 1985:414-444.
42. Price RR, James AE Jr, Erickson JJ, Pickens DR, Mazer MJ, Kugel JA, Martin VN, Lagan JE and Stephens WH: "Digital Radiography Instrumentation and Principles of Operation: Research for the Future". In Digital Image Processing in Radiology. Edited by AE James Jr, JH Anderson, and CB Higgins. Baltimore: Williams & Wilkins, 1985.
43. Pickens DR III, Kugel JA, Waddill WB III, Smith GD, Martin VN, Price RR, and James AE Jr: "Computer Processing Techniques in Digital Radiography Research". In Digital Image Processing in Radiology. Edited by AE James Jr, JH Anderson and CB Higgins. Baltimore: Williams & Wilkins, 1985.
44. Partain CL, Patton JA, and Price RR: "Nuclear magnetic resonance: An overview". Nuclear Medicine Technology and Techniques. Edited by DR Bernier, JK Langa, LD Wells. St. Louis: D.V. Mosby Company, chapter 9, pp. 237-268, 1985.
45. Price RR, Partain CL, Patton JA, and James AE Jr: "NMR Quality Assurance and Phantom Design". In NMR in Medicine. SR Thomas and RL Dixon, editors. American Association of Physicists in Medicine, 1985.
46. Price, RR: "NMR Basic Principles". In Magnetic Resonance Imaging, 2nd edition. Partain CL, Price RR, Patton JA, Kulkarni MV, James AE, Jr., editors. W.B. Saunders, Philadelphia, 1986.

BOOK CHAPTERS (cont'd):

47. James AE Jr, Fleischer A, Sacks G, Thieme G, Bundy A, Price R, Cartwright P, Berlin L, Greeson T: Ectopic pregnancy: the paradigm of a sonographic missed lesion. In: McGahan J (ed): Controversies in Ultrasound. New York: Churchill Livingstone, 1986.

48. Partain CL, Jones JP, Price RR, et al: Physics of Magnetic Resonance Systems. In Radiology: Diagnosis/ Imaging/Intervention, JM Taveras and JT Ferruci Sr, eds, J.B. Lippincott Co., Philadelphia 1986.
49. Partain CL, Kulkarni MV, Price RR, Sandler MP, Patton JA, Pickens DR, Erickson JJ, James AE: Digital radiography and nuclear medicine: correlative aspects and technological cross-fertilization. In: Guzzardi R, ed. Physics and Engineering of Medical Imaging. Dordrecht: Martinus Nighoff Publishers, 1987:183-192.
50. Price, RR: "Spatial Resolution and Spatial Linearity". In MRI: Acceptance Testing and Quality Control - The Role of the Clinical Medical Physicist. Proceedings of an AAPM Symposium held April 6-8, 1988, in Winston-Salem, North Carolina in cooperation with the Bowman Gray School of Medicine of Wake Forest University, pp. 18-33, 1988.
51. Price, RR: "Quality Assurance Methods and Phantoms for MR Imaging: Draft Report of AAPM NMR Task Group Number 1". In MRI: Acceptance Testing and Quality Control - The Role of the Clinical Medical Physicist. Proceedings of an AAPM Symposium held April 6-8, 1988, in Winston-Salem, North Carolina in cooperation with the Bowman Gray School of Medicine at Wake Forest University, pp. 190-217, 1988.
52. Price, RR, and Pickens DR. "Physics and Instrumentation of Correlative Modalities". In Correlative Imaging: Nuclear Medicine, Magnetic Resonance, Computed Tomography, Ultrasound. Williams & Wilkins, pp. 49-62, 1988.
53. Patton, JA, Price, RR, and Kulkarni, MV. "Quality Assurance in Magnetic Resonance Imaging" Correlative Imaging: Nuclear Medicine, Magnetic Resonance, Computed Tomography, Ultrasound. Williams & Wilkins, pp. 131-146, 1988.
54. Pickens, DR. and Price, RR. "Quality Assurance in Correlative Modalities". Correlative Imaging: Nuclear Medicine, Magnetic Resonance, Computed Tomography, Ultrasound. Williams & Wilkins, pp. 147-158, 1988.
55. Fellmeth, BD, Price, RR, Ertzner, TW, Stein, S, and Sandler, MP. "Peripheral Vascular Imaging". Correlative Imaging: Nuclear Medicine, Magnetic Resonance, Computed Tomography, Ultrasound. Williams & Wilkins, pp. 193-222, 1988.

BOOK CHAPTERS (cont'd):

56. Price, RR, Pickens, DR, and Falke, TH. "Blood Flow in MR Imaging". Magnetic Resonance Imaging: Second Edition: Clinical Principles. W.B. Saunders Company, Vol. I, 36:603-615, 1988.
57. Price, RR, Stephens, WH, Partain, CL. "NMR Physical Principles". Magnetic Resonance Imaging: Second Edition: Clinical Principles. W.B. Saunders Company, Vol. II, 59:976-986, 1988.
58. Patton, JA and Price, RR. "Quality Assurance". Magnetic Resonance Imaging: Second Edition: Clinical Principles. W.B. Saunders Company, Vol. II, 87:1498-1500, 1988.
59. Price, RR and Pickens, DR. "Fast Scanning Methods in MRI". Magnetic Resonance Imaging: Second Edition: Clinical Principles. W.B. Saunders Company, Vol. II, 96:1633-1641, 1988.
60. Conturo, TE, Price, RR, Beth, AH, and Mitchell, MR. "Advanced Methods for Spin Density, T1, and T2 Calculations in MRI". Magnetic Resonance Imaging: Second Edition: Clinical Principles, Vol. II, 100:1680-1709, 1988.
61. Partain CL, Brownell GL, Lio M, and Price RR. "Current and Future Frontiers in Medical Imaging". Magnetic Resonance Imaging: Second Edition: Clinical Principles. W.B. Saunders Company, Vol. II, 107:1804-1808, 1988.
62. Price, RR, Kremkau, FW, Fleischer, AC, James AE Jr: "Real-Time Ultrasound Scanners". Diagnostic Sonography: Principles and Clinical Applications. W.B. Saunders Company, 1:1-28, 1989.
63. Price R, Fleischer A: Sonographic instrumentation. In: Fleischer A, James A, Romero R, Manning F, Jeanty P (eds): Principles and Practices of Ultrasonography in Obstetrics and Gynecology, 4th ed. Norwalk, CT: Appleton and Lange, 1989.
64. James AE, Lorenz CH, McKanna JA, Creasy JL, Partain CL, Strecker EP, and Bradley W: The Pathophysiology of Communicating Hydrocephalus: Information Provided by the New Imaging Modalities. Segal MB, editor. Barriers and Fluids of the Eye and Brain. Macmillan Press, London, 1992.

65. Patton JA, Pickens DR III, and Price RR: Physics and Instrumentation. Endocrine Imaging. Sandler MP, Patton JA, Gross MD, Shapino B, and Falke THM, editors. Appleton & Lange, Norwalk, CT, pp. 1-59, 1992.

BOOK CHAPTERS (cont'd):

66. Patton JA, Pickens DR III, and Price RR: Quality Assurance. Endocrine Imaging. Sandler MP, Patton JA, Gross MD, Shapino B, and Falke THM, editors. Appleton & Lange, Norwalk, CT, pp. 61-91, 1992.
68. Price RR: MRI Quality Assurance. Magnetic Resonance Imaging of the Body, Higgins CB, Hricah Hedrig and Helms CA, editors, Raven Press, New York, pp. 267-285, 1992.
69. Price RR: Image Manipulation. The Perception of Visual Information, Hendee WR and Wells PNT, editors Springer-Verlag, New York, pp. 267-285, 1992.
70. Price RR: Image Manipulation. Chapter 8, pp. 202-229, The Perception of Visual Information, Editor: William Hendee, Springer-Verlag, New York, 1994.
71. Price RR, Kremkau FW, Fleischer AC, James AE, Merritt CRB and Kepple D: Real-time Ultrasound Scanners, Chapter 1, pp. 1-34, Diagnostic Sonography, Editors, Fleischer and Kepple, W.B. Saunders, Philadelphia, 1995.
72. Price RR and Fleischer AC: Instrumentation Used in Transvaginal and Transrectal Sonography. Chapter 1, pp. 1-19, Transvaginal Sonography, Editors: Fleischer and Kepple, JB Lippincott, Philadelphia, 1995.
73. Pickens DR, Price RR, Patton JA. Physics of MRI, CT, and Ultrasound. Sandler MP, Coleman RD, Wackers TH, Patton JA, Gottschalk A, Hoffer PB (eds): Chapter 3, pp. 26-46, Diagnostic Nuclear Medicine, 3rd Edition. Williams & Wilkins, Baltimore, MD, 1995.
74. Pickens DR, Patton JA, Price RR. Quality Assurance of Correlative Systems. Sandler MP, Coleman RD, Wackers TH, Patton JA, Gottschalk A, Hoffer PB (eds): Chapter 12, pp. 171-182, Diagnostic Nuclear Medicine, 3rd Edition. Williams & Wilkins, Baltimore, MD, 1995.

75. Lorenz CH, Pickens DR, Powers TA, Price RR: Intravoxel incoherent motion imaging of the kidney. In: Diffusion and Perfusion Magnetic Resonance Imaging: Applications to Function MRI, LeBihan D (ed). Raven Press, New York, pp. 285-295, 1995.
76. Larson T, Creasy J, Price R, Maciunas R. Angiography Suite Specifications. In: Endovascular Neurologic Intervention. Robert Maciunas, M.D., editor. The American Association of Neurological Surgeons, Park Ridge, Illinois, 1995.
77. Price RR and Sandler MP: Physics and Technology of Bone-Mineral Content Measurements. Chapter 30, pp. 422-430, Orthopaedic Practice, Editors, P.M. Yeoman and D.M. Spengler, Butterworth-Heinemann, Oxford, England, 1996.

BOOK CHAPTERS (cont'd):

78. Price RR. Image Manipulation. The Perception of Visual Information, 2nd Edition, William R. Hendee and Peter N.T. Wells, eds., Chapter 8, pp. 223-249, Springer-Verlag, New York, 1997.
79. Price RR, Alison J, Massoth RJ, Clarke GD, Drost DJ. Practical Aspects of Functional MRI (NMR Task Group #8). Medical Physics 29(8), 2002.
80. Donnelly EF and Price RR. Quantification of the Effect of kVp on Edge-Enhancement Index in Phase-Contrast Radiography. Medical Physics 29(6):999-1002, 2002.

JOURNAL ARTICLES:

1. Price RR, Berg RE, Salant EO, Waters JW, Webster MS, and Weinberg A: Evidence for an $n\pi^-\pi^-$ Enhancement at a Mass of $1.627 \text{ GeV}/c^2$ in $K^0 \rightarrow P\pi^-\pi^-\pi^+nK^0$ at $4.91 \text{ GeV}/c$. Physics Letters B 33: 553, 1970.
2. Price R, Johnston RE, Brill AB, McKee LC: Methodology for Quantitative Measurements of Radioiron Distribution in Normal Subjects, J Nuclear Med 12(6):387, 1971.
3. Brill AB, Sanstead HH, Price R, Johnston RE, Law DH IV, Scott HW Jr: Changes in Body Composition after Jejunoileal Bypass in Morbidly Obese Patients, Am J Surgery 123:49, 1972.

4. Price RR, Berg RE, Waters JW, Webster MS, Weinberg A: A Study of the Reactions of $K^-n \rightarrow \pi^- \pi^- \pi^+ n K^0$, $K^-n \rightarrow \pi^- \pi^- \pi^0 PK^0$, and $K^-n \rightarrow \pi^- \pi^- PK^0$ at 4.91 GeV/c, Nuclear Physics B 39:509, 1972.
5. Berg RE, Price RR, Waters JW, Webster MS, Weinberg: A Study of the Reactions of $K^-n \rightarrow \pi^- \pi^- \pi^+ \Omega^0$, $K^-n \rightarrow \pi^- \pi^- \pi^+ \pi^0 \Omega^0$, and $K^-n \rightarrow \pi^- \pi^- \pi^+ \Sigma^0$ at 4.91 GeV/c. Nuclear Physics B 39:509, 1972.
6. Price R, Kessler R, Johnston RE, Brill AB: Techniques for Quantitative Analysis of Calcium Kinetics in Bone Disease. J Nuclear Medicine 13(6):461, June 1972.
7. Brill AB, Parker J, Erickson J, Price R, Patton, J: CAMAC Applications in Nuclear Medicine at Vanderbilt: Present Status and Future Plans. IEEE Trans Nuclear Sciences NS 21(1):892-897, 1974.
8. McKee LE Jr, Price R, Johnston RE, Heyssel RM, Johnson LE, Brill AB: Long-Term Studies of Iron Metabolism in Normal Males: Comparison of Red Blood Cell Radioactivity with Whole-Body Counter Data. J Nuclear Medicine 15:3, March 1974.

JOURNAL ARTICLES: (cont'd)

9. Invancevic D, Price RR, Rhea TC, Graham TP, Brill AB: Accuracy of cardiac shunt estimates for radiocardiographic measurements and computer analyses using a pulsatile flow model. J Nuclear Medicine 15:504, 1974.
10. Rhea T, Graham T, Nelson J, Iida H, Price R, Lindstrom D, Brill AB: Ventricular Volume Determinations "on-line" Using a Video/Computer System. Circulation 50, Supplement III, 1974.
11. Scott HW Jr, Brill AB, Price RR: Body Composition in Morbidly Obese Patients Before and After Jejunoileal Bypass. Annals of Surgery 182(4), October 1975.
12. Price RR, Wagner J, Larsen K, Patton J, Brill AB: Regional and Whole-Body Bone Mineral Content Measurement with a Rectilinear Scanner. American J Roentgenology, Radium Therapy and Nuclear Medicine 126(6):1277-1278, June 1976.
13. Kedem D, Lindstrom D, Rhea T, Nelson J, Price R, Smith C, Graham T, Brill AB: Methods and New Approaches to the Calculation of

- Physiological Parameters by Videodensitometry. SPIE 78:118-125, 1976, Low Light Level Devices, 1976.
14. Scott WH, Dean RH, Shull H, Gluck F, Abram H, Webb W, Brill AB, Price RR: Surgical Management of Morbid Obesity: Current Consideration in the Use of Extensive Jejunioileal Bypass. Southern Medical J 69(6):789-798, June 1976.
 15. Kronenberg MW, Wooten NW, Friesinger GC, Page DL, Higgins SR, Brill AB, Price RR: Scintigraphic Characteristics of Experimental Myocardial Infarct Extension. Circulation 55, Supplement III, October 1977.
 16. Price RR, Branch R, Ramage A, Touya JJ, Brill AB: Deconvolution Analysis of Transplant Renograms. Medical Imaging 2(2):46-47, 1977.
 17. Patton JA, Price RR, Rollo FD, Brill AB, Pehl RH: Clinical and Experimental Results with a 9 Element High Purity Germanin Array. IEEE Transactions on Nuclear Science NS-25(1):653-656, February 1978.
 18. Efron U, Price RR, Smith CW, Brill AB: A Method to Determine the Instantaneous Blood-Flow Using Cine or Video-Densitometric Data. SPIE 143:154-161, 1978.
 19. Wibulyachainunt S, Price RR, Brill AB, Krantz SB: Studies on Red Cell Aplasia: Ferrokinetics During Remission of the Disease. Am J Hematology 4:233-244, 1978.

JOURNAL ARTICLES: (cont'd)

20. Goddard J, Price RR, Erickson JJ, Rollo FD and James AE Jr: Quantitative Computer Analysis of Ultrasound B-scans. Reflections 4(3):221, Summer 1978.
21. Brill AB, Lindstrom DD, Nelson JG, Rhea TC, Kedem D, Price RR, Smith CW: A Versatile Digital Densitometry System for Cardiovascular Studies. Roentgen-Video Techniques, DH Heintzen & JH Bursch, Ed, George Thieme Pub, 12-14, 1978.

22. Patton JA, Gibbs SJ, Price RR, Brill AB: Identification of Radiopaque Material in the Maxillary Sinus by X-ray Fluorescence. J Nuclear Medicine 19(12):1337-1338, December 1978.
23. Kronenberg MW, Wooten NE, Friesinger GC, Page DL, Higgins SB, Collins JC, O'Conner JL, Price RR, Brill AB: Scintigraphic Characteristics of Experimental Myocardial Infarct Extension. Circulation 60(5):1130-1140, November 1979.
24. Erickson JJ, Price RR, Brill AB, Lewis A: A Stand Alone Data Collection Station Based on an Autonomous CAMAC Crate. IEEE Transactions on Nuclear Science NS-27(1), February 1980.
25. Jones T, Price RR, Gibbs SJ, James AE: Volume Calculations of the Uterus in Suspected IUGR. Investigative Radiology, March 1980.
26. Price RR, Jones TB, Goddard J, James AE: Basic Concepts of Ultrasonic Tissue Characterization. Radiologic Clinics of North America 18(1):21-30, April 1980.
27. James AE, Goddard J, Price RR, Jones T, Powis RL: Advances in Instrument Design and Image Recording. Radiologic Clinics of North America 18(1):3-20, April 1980.
28. Partain CL, James AE, Watson TT, Price RR, Coulam CM, Rollo FD: Nuclear Magnetic Resonance and Computed Tomography. Radiology 136(3):767-770, September 1980.
29. Price RR, Erickson JJ, Horev G, Fleischer AC, Partain CL, James AE: Approaches to standardization of in vivo measurements. Tissue Characterization Conference, National Bureau of Standards, June 3, 1981.
30. Partain CL, Erickson JJ, Price RR, and James AE: Digital radiography. Correlative Imaging Council Society of Nuclear Medicine, Las Vegas, NV, June 1981.

JOURNAL ARTICLES: (cont'd)

31. Pickens DR, Price RR, Erickson JJ, Patton JA, Partain CL, Rollo FD: Gated digital tomography with a focal plane scanner. Transactions Inst

- Electrical and Electronic Engineers, Nuclear Science Symposium, October 1981.
32. Jones TB, Price RR, Gibbs SJ. Volumetric Determination of Placental and Uterine Growth Relationships from B-Mode Ultrasound by Serial Area-Volume Measurements. Investigative Radiology 16:101-107, March-April 1981.
33. Erickson JJ, Price RR, Rollo FD, Pendergrass HP, Gerlock J, James AE, Partain CL: A Digital Radiographic Analysis System. RadioGraphics 1(2):49-60, August 1981.
34. Kronenberg MW, Price RR, Domanski MJ, Smith CW, Pickens DR, Partain CL, Friesinger GC: Digital Subtraction Angiography for Measuring Left Ventricular Performance -- Early Results in Man. Circulation 64 Suppl IV:219, October 1981.
35. Partain CL, Price RR, Patton JA, Erickson JJ, Pickens DR, James AE Jr, Hubner KF, Hayes RL: Functional Mapping of the Brain. Functional Mapping of Organ Systems. Society of Nuclear Medicine, New York, New York, pp. 13-14, 1981.
36. James AE Jr, Partain CL, Holland GN, Gore JC, Rollo FD, Harms SE and Price RR: Nuclear Magnetic Resonance Imaging: The Current State. AJR 138:201-210, 1981.
37. James AE Jr, Partain CL, Rollo FD, Erickson JJ, Patton JA, Coulam CM, and Price RR: Nuclear Magnetic Resonance (NMR) Imaging: The Potentials and the Technic. Southern Medical Journal 74(12):1514-1519, 1981.
38. Pickens DR, Price RR, Patton JA, Erickson JJ, Partain CL, Rollo FD: Transverse Image Reconstruction in T1-201 Myocardial Scans, IEEE Trans. in Nuclear Science 28(1):57-59, 1981.
39. Price RR, Partain CL, Kulkarni M, Erickson JJ, Patton JA, Pickens DR and James AE Jr: Parameters of renal kinetics: Comparison of Digital Radiography and Nuclear Medicine. Investigative Radiology 16:5, September-October, 1981.
40. Partain CL, Price RR, Patton JA, Erickson JJ, Pickens DR, James AE Jr: The Potential Impact of Digital Radiography (DR) on the Specialty of Nuclear Medicine. Clinical Nuclear Medicine, 6:2-5, October 1981.
41. Currie MC, Partain CL, Price RR and James AE Jr: The Clinical Potential of NMR-CT Imaging, Diagnostic Imaging 3(11):46-51, November 1981.

JOURNAL ARTICLES: (cont'd)

42. Partain CL, Price RR, James AE: Nuclear magnetic resonance imaging in the 1980's: Potential impact on diagnosis and digital data communications. 1st International Conference on Picture Archiving and Communications Systems (PACS) for Medical Application, Soc. Photo-Optical Information Engineers, January 1982 and SPIE, Vol. 318 (Part I):355-358, 1982.
43. Powers TA, Bowen RD, Price RR, Patton JA: The Effects of Gating Delays on Ejection Estimates: Concise Communication. Journal of Nuclear Medicine, 23:15-16, January 1982.
44. Pickens DR, Price RR, Erickson JJ, Patton JA, Partain CL, Rollo FD: Gated Digital Tomography with a Focal Plane Scanner. IEEE Transactions on Nuclear Science, NA-29(1):551-554, February 1982.
45. Price RR, Pickens DR, Lagan JE, Erickson JJ, Patton JA, Partain CL, Rollo FD, James AE Jr: Simultaneous Bi-Plane Digital Video Fluoroscopy. Radiology 143(3):251-257, April 1982.
46. Price RR, Branch RR, Nadeau J, Patton JA, James AE Jr, Partain CL: Parameters of the Renal Transit Time Distribution in Hypertensive Patients. J Nucl Med 23(5):63-64, 1982.
47. James AE Jr, Price RR, Rollo FD, Patton JA, Erickson JJ, Coulam CM, Partain CL: Nuclear Magnetic Resonance Imaging: A Promising Technique, JAMA 247(9):1331-1334, 1982.
48. Patton JA, Price RR, Partain CL, Brill AB: Functional imaging of the thyroid. Third World Congress of Nuclear Medicine and Biology, Paris, August 1982.
49. Horev G, Price RR, Erickson JJ, Fleischer AC, James AE Jr: Ultrasonic Texture of the Normal Liver Tissue Using a Standardized In Vivo Measurement. Radiology 145(3):773-775, 1982.
50. Smith CW, Winfield AC, Price RR, Harding DR, Tucker SW, Witt WS, Hollifield JW: Evaluation of Digital Venous Angiography for the Diagnosis of Renovascular Hypertension. Radiology 144(1), 1982.

51. Mitchell MR, Price RR, Karsteadt N. Reflections of the National Cancer Institute/Bowman Gray/Vanderbilt International Symposium. Applied Radiology 11:(4)19-25, 1982.
52. Kronenberg MW, Price RR, Smith CW, Perry JM, Pickens DR, Partain CL and Friesinger GC: Evaluation of Left Ventricular Performance Using Digital Subtraction Angiography, pp. 837-842 in The American Journal of Cardiology 51, 1982.

JOURNAL ARTICLES: (cont'd)

53. James AE Jr, Gibbs SJ, Sloan M, Price RR, Erickson JJ: Digital Radiography in the Analysis of Paintings: A New and Promising Technique. JAIC 22:41-48, 1982.
54. James AE Jr, Carroll BA, Thieme GA, Price RR and Fleischer AC: Studies of Blood Flow Employing Duplex, Pulsed Doppler Real-Time Sonography. Eur J Radiol 3:268-272, 1983.
55. Partain CL, Runge VM, Price RR, Patton JA, James AE: Nuclear magnetic resonance imaging I: Principles. American Cancer Society Professional Education Newsletter XII-5, September/October 1983.
56. Partain CL, Runge VM, Price RR, Patton JA, James AE: Nuclear magnetic resonance imaging II: Principles. American Cancer Society Professional Education Newsletter XII-5, November/December 1983.
57. Johnson AC, Price RR, Erickson JJ, Patton JA, Soin J, Partain CL, et al: Medical imaging in the 1980's. Indian Journal of Radiology 37(4):287-298, 1983.
58. Robertson JS, Price RR, Budinger TF, Fairbanks VF and Pollycone M: Radiation Absorbed Doses from Iron-52, Iron-55, and Iron-59 Used to Study Ferrokinetics. J Nucl Med 24:239-348, 1983.
59. James AE Jr, Price RR, Erickson JJ, Partain CL, Stephens WH, Rollo FD, Kulkarni M, Lams P, Reilley R and Pickens DR: Advances in digital imaging: Experience at Vanderbilt University. Contrast Media in Digital Radiography, Excerpta Medica pp. 60-74, 1983.

60. Reilley RF, Smith CW, Price RR, Patton JA, Diggs J: Digital Radiography and Pulmonary Embolism. Radiology 149:379-382, 1983.
61. Winfield AC, Dray RJ, Kirchner RK, Muhletaler CA, Price RR: Iohexol for Excretory Urography: A Comparative Study. AJR 141:571-573, 1983.
62. Price RR, Patton JA, Partain CL, and James AE Jr: Methods of Quantitating Flow Using Radioisotopes. Clinical Nuclear Medicine 7(105), 1983.
63. Price RR, Smith G, Pickens DR, Bechtold RE, Kaye JJ, and James AE Jr: Dual-Energy Imaging with Video-Fluoroscopy. Radiology 149(P):113, 1983.
64. Price RR, Pickens DR, Stephens WH, Waddill W, and James AE Jr: Characteristics of a Film-Based Digital Subtraction System. Radiology 149(P):114, 1983.

JOURNAL ARTICLES: (cont'd)

65. Partain CL, Price RR, Patton JA, Stephens WH, Price AC, Runge VM, Mitchell MR, Stewart RG, Sandler MP and James AE: Nuclear magnetic resonance imaging. RadioGraphics 4:5-25, January 1984.
66. Runge VM, Johnson G, Smith FW, Erickson JJ, Price RR, Partain CL and James AE: NMR Phantom design: Evaluation of performance parameters. Noninvasive Medical Imaging 1(1):49-60, January 1984.
67. James AE, Waddill WB, Feazell GL, Fleischer AC, Price RR, Rollo FD, Partain CL, and Stephens WH: The new medical imaging technologies as evidence. Journal of Contemporary Law 11(1):105-130, 1984.
68. Price RR, Patton JA, Erickson JJ, Pickens DR, Partain CL, James AE: Quality assurance in magnetic resonance imaging. Medical Physics 11(3):412, May/June 1984.
69. Johnson AC, Bruce RN, Price RR, Carroll FE Jr, Holburn G, James AE. Diagnosis of pulmonary edema in sheep using a non-invasive, non-ionizing microwave technique. Investigative Radiology 20(6)526, 1985.
70. Price RR, Pickens DR, Holburn G, Patton JA, Craig J, Partain CL, James AE: NMR flow velocity imaging. Medical Physics 12(4):517, July/August 1985.

71. Kulkarni MV, Kirchner SG, Price RR, Eisenberg D, Heller RM: Magnetic Resonance Imaging in pediatrics. Pediatr Clin North Am 32(6):1509-1522, 1985.
72. James AE Jr, Greeson T, Price RR, Pendergrass HP, Carroll FE Jr, Partain CL, Zaner R, Hamilton RM. Legal and ethical choices in a technologic discipline, Part II - Imaging Centers, DRG's and the radiologist. Investigative Radiology 21(9):746-751, 1986.
73. Partain CL, Kulkarni MV, Price RR, Fleischer AC, Page DL, Malcolm AW, Winfield AC and James AE. Magnetic Resonance Imaging of the Breast: Functional T1 and Three-Dimensional Imaging. Cardiovasc Intervent Radiol 8:292-299, 1986.
74. Eisenberg AD, Conturo TE, Mitchell MR, Schwartzberg MS, Price RR, Rich MF, Partain CL, James AE: Enhancement of Red Blood Cell Proton Relaxation with Chromium Labeling. Investigative Radiology 21(2):137-143, 1986.
75. Kessler RM, Partain CL, Price RR, James AE Jr. An overview of magnetic resonance imaging. In Contrast Agents in MRI. Felix R, Runge V, James AE, eds., Excerpta Medica, pp.2-8, 1986.

JOURNAL ARTICLES: (cont'd)

76. Price RR, Pickens DR, Smith G, Patton JA, Partain CL, James AE: MR Imaging of In-Plane Blood Flow. Medical Physics 13(4):584, 1986.
77. Kulkarni MV, Patton JA, Price RR: Surface Coil: Optimization of Technique and Clinic Applications. AJR, 1986.
78. James AE, Grison T, Price RR, Pendergrass HP, Carroll FE Jr, Partain CL, Zaner R, Hamilton RM. Legal and ethical issues in a technological discipline. Part I - New Times, New Choices. Investigative Radiology Vol. 21:8:673-677, 1986.
79. Conturo TE, Price RR, Beth AH, Mitchell MR, Partain CL, James AE: Improved determination of spin density, T1 and T2 from a three-parameter fit to multiple-delay multi-echo (MDME) NMR images. Physics in Medicine and Biology 31(12):1361-1380, 1986.
80. James AE, Grison T, Price RR, Pendergrass HP, Carroll FE Jr, Partain CL, Zaner R, Hamilton RM. Legal and ethical issues in a technological

discipline. Part III - The agency relationship. Investigative Radiology 21(10):815-818, 1986.

81. Kulkarni MV, Price RR, Mehta SD, Wolfe OW, Partain CL: Techniques of non-orthogonal magnetic resonance imaging and its clinical application. Magnetic Resonance Imaging 5:39-49, 1987.
82. Conturo TE, Beth AH, Arenstorf RF and Price RR: Simplified mathematics of longitudinal recovery in multi-echo sequences. Magnetic Resonance in Medicine 4:329-335, 1987.
83. Pickens DR, Price RR, Erickson JJ, James AE Jr: Digital image motion correction by spatial warp methods. Medical Physics 14(1):56-61, 1987.
84. Price RR, Patton JA, Pickens DR, Partain CL, James AE Jr: Phantoms keep watch on MR parameters. Diagnostic Imaging, pp. 128-130, April 1987.
85. Sandler MP, Price RR: The clinical application of dual photon absorptiometry. Hospital Physician, pp. 81-83, March 1987.
86. Price RR, Pickens DR, Smith G, Patton JA, Partain CL, James AE Jr: Blood flow assessment with magnetic resonance imaging. SPIE, Medical Imaging, XV, pp. 767-774, 1987.
87. Kessler RM, Partain CL, Price RR and James A. Everette Jr: Positron Emission Tomography: Prospects for Clinical Utility. Investigative Radiology 22:529-537, 1987.

JOURNAL ARTICLES: (cont'd)

88. Fitzpatrick JM, Pickens DR, Grefenstette JJ, Price RR and James AE Jr: Technique for Automatic Motion Correction in Digital Subtraction Angiography. Optical Engineering 26(11):1085-1093, 1987.
89. Garty I, Price R and Sandler M: Dynamic ECG Gated 201-Tl Myocardial Scintigraphy: Technical Considerations and Correlation with Static 201-Tl Imaging and Radionuclide Ventriculography. Dynamic Cardiovascular Imaging 1(2):146-157, 1987.
90. Patton JA, Kulkarni MV, Craig JK, Wolfe OH, Price RR, Partain CL and James AE Jr: Techniques, Pitfalls and Artifacts in Magnetic Resonance Imaging. RadioGraphics 7(3):505-519, 1987.

91. Conturo TE, Price RR and Beth AH: Rapid Local Rectangular Views and Magnifications: Reduced Phase Encoding of Orthogonally Excited Spin Echoes. Magnetic Resonance in Medicine 6(4):495-506, 1988.
92. McDougal WS, Koch MO, Courtney III S, and Price RR. Bony Demineralization Following Urinary Intestinal Diversion. The Journal of Urology 140:853-855, 1988.
93. Price RR, Pickens DR, Conturo T, Holburn G, Partain CL, James AE Jr: MR Flow Using Direct Phase Angle Image, Magnetic Resonance Imaging 6(Suppl 1):45, 1989.
94. James AE Jr, Price RR, Stephens WH, Patton JA, Partain CL: Continuing the momentum: Biotechnological research in the 1990s. Applied Radiology 18(10):27-28, 1989.
95. Carroll FE Jr, Roos CF, Price RR, Water JW, Brau CA, Pickens DR, Tolk NH, Stephens WH. Tuneable laser may offer in-vivo tissue analysis. Diagnostic Imaging. Vol. 11, No. 1:291-296, 1989.
96. James AE, Jr, Partain CL, Heller RM, Patton JA, Price RR: Can we administrate academics?: Preserving the biomedical research enterprise in medical imaging. Investigative Radiology 24(10):815-816, 1989.
97. Price RR, Pickens DR, Lorenz C, Riddle WR, Creasy J, Kessler R, Partain CL and James AE Jr: Magnitude and Phase MR Cine Imaging of the Carotid Arteries, Medical Physics 16(3):456, 1989.
98. Eisenberg AD, Conturo TE, Price RR, Holburn GE, Partain CL and James AE: MRI Enhancement of Perfused Tissues Using Chromium Labeled Red Blood Cells as an Intravascular Contrast Agent, Investigative Radiology 24(10):742-753, 1989.

JOURNAL ARTICLES: (cont'd)

99. Price RR, Creasy J, Lorenz C, Pickens DR, Riddle WR, Partain CL and James AE Jr: Pulse-Sequence Dependence in Perfusion/Diffusion Imaging, Magnetic Resonance Imaging 7(Suppl 1):25, 1989.
100. Conturo TE, Price RR, and Beth AH: Addendum to Rapid Local Rectangular Views and Magnification: Reduced Phase Encoding of

- Orthogonally Excited Spin Echoes. Magnetic Resonance in Medicine 9:389-390, 1989.
101. Mackey ES, Sandler MS, Campbell RM, Graham Jr, TP, Atkinson JB, Price R, and Moreau GA. Right Ventricular Myocardial Mass Quantification with Magnetic Resonance Imaging. The American Journal of Cardiology 65:529-532, 1990.
 102. Price RR, Axel L, Morgan T, Newman R, Perman W, Schneider N, Selikson, Wood M, Thomas SR: Quality Assurance Methods and Phantoms for Magnetic Resonance Imaging. Medical Physics 17(7):287-295, 1990.
 103. Carroll FE, Waters JW, Price RR, et al: Near-Monochromatic X-ray Beams Produced by the Free Electron Laser and Compton Backscatter. Investigative Radiology 25:465-471, 1990.
 104. James AE, Partain CL, Price RR: Proximity: Geographic and perceptive. Applied Radiology 19(8):27-28, 1990.
 105. Park JH, Vansant JP, Kumar NG, Gibbs SJ, Curvin MS, Price RR, Partain CL, and James, Jr. AE: Dermatomyositis: for Quantitative Characterization of Inflammatory Disease. Radiology, 177:473-479, 1990.
 106. Creasy JL, Price RR, Presbrey T, Goins D, Partain CL, and Kessler RM: Gadolinium-enhanced MR Angiography. Radiology 175(1):280-283, April 1990.
 107. James AE Jr, James AE III, Gibbs SJ, Knight K, and Price RR. The Healing of Paintings. South Med J 84:1231-1238, October 1991.
 108. Creasy JL and Price RR: Logical Approach to MR Evaluation of Intracranial Hemorrhage. Post-graduate Radiology 11(4):181-195, October 1991.
 109. James AE Jr, Lappin JS, Price RR, Gibbs SJ, Knight K, and Grogan K. The Physiology of Visual Perception: Relation to Impressionism. International Journal of Arts in Medicine 1:13-23, Fall 1991.
 110. James AE Jr, Heller RM, Price RR, Worrell JA, Partain CL: Radiological education: pleasure in the process. Applied Radiology 20(7):46, 1991.
 - 111.

JOURNAL ARTICLES: (cont'd)

112. James AE Jr, Heller RM, Partain CL, Price RR: The administration of academic time in a radiology department. Investigative Radiology 26:1005-1008, 1991.
113. Worrell JA, Price RR, Partain CL, Kessler RM, James AE Jr: Academic quality assurance in the radiology department. Investigative Radiology 20(5):24-26, 1991.
114. Park JH, Gibbs S, Price RR, Partain CL, James AE: Inflammatory myopathies: MR imaging and spectroscopy. A reply Radiology 179:343-345, 1991.
115. Lorenz CH, Pickens DR, Puffer DB, and Price RR: Magnetic Resonance Diffusion/Perfusion Phantom Experiments. Magn Reson Med 19:254-260, 1991.
116. Pickens DR, Jolgren DL, Lorenz CH, Creasy JL, and Price RR: MR Perfusion Imaging of an Excised Animal Kidney. Invest Radiol 27(4):287-292, 1992.
117. Price RR, Creasy JL, Lorenz CH, and Partain CL. Magnetic Resonance Angiography (MRA) Techniques, Investigative Radiology 1992; 27(Suppl. 2):S27-S32.
118. Price RR, Creasy JL, Lorenz CH, and Partain CL: Magnetic Resonance Angiography (MRA) Techniques. Invest Radiol 27(2):27-32, 1992.
119. Andrews WD, Carroll FE, Waters JW, Brau CA, Price RR, Pickens DR, Tompkins PA, Roos CF. Development of the Vanderbilt Compton X-Ray Facility. Nuclear Instruments and Methods in Physics Research A318:189-196, 1992.
120. Tompkins PA, Brau CA, Dong W, Waters JW, Carroll FE, Pickens DR, Price RR. The Vanderbilt Conference, May 1993.
121. Dong WW, Brau CA, Waters JW, Tompkins PA, Carroll FC, Price RR, Pickens, DR, and Roos, CF: Current Status of the VU MFEL Compton X-ray Program. Journal of X-Ray Science and Technology 4, 346-352, 1994.
122. Carroll FE, Waters JW, Andrews WW, Price RR, Pickens DR, Willcott R, Tompkins P: Attenuation of Monochromatic X-Rays by Normal and Abnormal Breast Tissues. Investigative Radiology, Vol. 29 (3), pp. 266-272, 1994.

123. Lee H, Price RR: Diffusion Imaging with the MP-RAGE Sequence. JMRI 4:837-842, 1994.
124. Lee H, Price RR, Holburn GE, Partain CL, Adams MD and Cacheris WP. In Vivo Fluorine-19 MR Imaging: Relaxation Enhancement with Gd-DTPA. JMRI 4:609-613, 1994.

JOURNAL ARTICLES: (cont'd)

125. Price, RR: Contrast Mechanism in Gradient-Echo Imaging and an Introduction to Fast Imaging. RadioGraphics 15:165-178, 1995.
126. Park JH, Olsen NJ, King Jr L, Vital T, Buse R, Kari S, Hernanz-Schulman M, and Price RR: Use of Magnetic Resonance Imaging and P-31 Magnetic Resonance Spectroscopy to Detect and Quantify Muscle Dysfunction in the Amyopathic and Myopathic Variants of Dermatomyositis. Arthritis & Rheumatism, Vol. 38, No. 1, 1995.
127. Creasy JL, Partain CL, and Price RR: Quality of Clinical MR Images and the Use of Contrast Agents. RadioGraphics 15:683-696, 1995.
128. Creasy JL, Crump DB, Knox K, Kerber CW, and Price RR: Design and Evaluation of a Flow Phantom. Acad Radiology 2:902-904, 1995.
129. Lee H, Tarter J, Holburn G, Price R, Weinstein D, and Martin P: In-vivo Localized Proton NMR Spectroscopy of Thiamine-Deficient Rat Brain. Magn Res Med 34:313-318, 1995.
130. Price RR. Contrast Agents in MRI. Southeastern Chapter, American Association of Physicists in Medicine 1997 Symposium, March 1997.
131. Robbins IM, Carroll FE, Hagan T, Price R, et al. Volume overload on chest roentgenograms predicts survival in patient receiving marrow transplants. Thoracic Society, 1997.
132. Mertz H, Tanner G, Morgan V, Pickens D, Price R, Kessler R: Functional MRI Detects Activation of Anterior Cingulate and Prefrontal Cortex in IBS Patients but not Controls During Rectal Pain. Gastroenterology, Vol. 116, No. 4, Part 2, pg A-1041, April 1999.
133. Price RR. Magnetic Resonance Imaging (MRI) Safety Considerations. RadioGraphics 19:1645-1651, 1999.

134. Grossman ED, Donnelly M, Price R, Morgan V, Pickens D, Neighbor G, Blake R. Brain Areas Involved in Perception of Biological Motion. Journal of Cognitive Neuroscience, 12:711-720, 2000.
135. Mertz H, Morgan V, Tanner G, Pickens D, Price R, Shyr Y, Kessler R. Regional Cerebral Blood Flow in IBS and Controls with Painful and Non-Painful Rectal Distention. Gastroenterology 118:842-848, 2000.
136. Melzer P, Morgan VL, Pickens DR, Price RR, Wall RS and Ebner FF. Cortical Activation during Braille Reading is Influenced by Early Visual Stimulation in Subjects with Severe Visual Disability: A Correlation fMRI Study. Human Brain Mapping, 2001;14(3):186-195.
- 137.

JOURNAL ARTICLES: (cont'd)

138. Lee H, Holburn GE, Price RR. In Vivo and In Vitro Proton NMR Spectroscopic Studies of Thiamine-Deficient Rat Brains. Journal of Magnetic Resonance Imaging 13:163-166, 2001.
139. Morgan VL, Pickens DR, Hartmann SL, Price RR. Comparison of Functional MRI Realignment Tools Using a Computer Generated Phantom. Magnetic Resonance in Medicine, 2001;46(3):510-514.
140. Deane NG, Parker MA, Armandla R, Diehl L, Lee W-J, Washington MK, Nanney LB, Shyr Y, Beauchamp RD. Hepatocellular Carcinoma Results from Chronic Cyclin D1 Overexpression in Transgenic Mice. Cancer Research Vol. 16, p. 5389-5395, 2001.
141. Butler MG, Haber L, Mernaugh R, Carlson MG, Price R, and Feurer ID. Decreased Bone Mineral Density in Prader-Willi Syndrome: Comparison with Obese Subjects. American Journal of Medical Genetics 103:216-222, 2001.
142. Price RR, Alison J, Massoth RJ, Clarke GD, Drost DJ. Practical Aspects of Functional MRI (NMR Task Group #8). Medical Physics 29(8), 2002.
143. Donnelly EF and Price RR. Quantification of the Effect of kVp on Edge-Enhancement Index in Phase-Contrast Radiography. Medical Physics 29(6):999-1002, 2002.
144. Parks MH, Dawant BM, Riddle WR, Hartmann SL, Dietrich MS, Nickel MK, Price RR, et al. Longitudinal Brain Metabolic Characterization of

Chronic Alcoholics with Proton Magnetic Resonance Spectroscopy. Alcoholism: Clinical & Experimental Res 26:1368-1380, 2002.

145. Parks MH, Morgan VL, Pickens DR, Price RR, Dietrich MS, Martin PR. Alcoholism-Associated Motor Inefficiency Demonstrated by fMRI. Submitted to American Journal of Psychiatry, 2002.
146. Morgan VL and Price RR. Dependence of Resting-State Functional Connectivity on Sensorimotor Activation. Submitted to Human Brain Mapping, 2002.
147. Lavelly WC, Delbeke D, Byrne D, Price RR, and Hallahan DE. FDG PET in Decision-making for Additional Therapy after First-line Chemotherapy in patients with Newly-diagnosed Lymphoma. Submitted to the International Journal of Radiation Oncology, Biology and Physics, 2002.

JOURNAL ARTICLES: (cont'd)

148. Lavelly WC, Scarfone C, Cevikalp H, Byrne DW, Li R, Price RR, Fitzpatrick JM, Hallahan DE. "Phantom Validation of Coregistration of PET and CT for Image-Guided Radiotherapy". Submitted to the International Journal of Radiation Oncology, Biology and Physics, 2003.
149. Deane N, Lee H, Washington MK, LaFleur B, Thorgeirsson SS, Price R, Beauchamp RD. "Increased Malignancy of Liver Tumors in Cyclin D1 x TGF₁ Double Transgenic Mice with Characterization by MRI". Submitted to Cancer Research 2003.

ARTICLES IN PROCEEDINGS:

1. Price RR, Johnston RE, Brill AB, Watts JR: Estimation of Radioactive Content of Body Organs Combining Direct Measurements and Distribution Models, Proceedings of the Symposium on Assessment of Radioactive Contamination in Man, IAEA-SM-150/31, Vienna, 1972.
2. Brill AB, Patton J, Price R, and Kosik CV: Applications of High Resolution Semi-Conductor Detectors in the Evaluation of Tumor Localizing Tracers. International Atomic Energy Agency Publication IAEA-SM-164/147, Vienna, 1973.

3. Erickson JJ, Parker JF, Patton JA, Price RR, Brill AB: Applications of a CAMAC Standard Data Acquisition System to Problems in Nuclear Medicine. Proceedings of Third Symposium on Sharing of Computer Programs in Nuclear Medicine AEC-CONF-730627:173-183, 1973.
4. Price RR, Brill AB, Patton JA, Erickson JJ: Parameter Estimation in Clinical Nuclear Medicine Studies. Proceedings of Third International Conference on Data Handling and Image Processing in Scintigraphy:7-27, 1973, Cambridge, Massachusetts.
5. Baglan RJ, Brill AB, Price RR: Simulation and Modelling of Heart Bolus Anger Camera Studies. Proceedings of Third Symposium on Sharing of Computer Programs in Nuclear Medicine AEC-CONF-730627:244-249, 1973.
6. Ivancevic D, Price R, Rhea, T, Graham T, Atwood GF, Brill AB: Computer analysis of radio-cardiograms of patients with intracardiac shunts. Proc of IAEA Symposium on Dynamic Studies with Radioisotopes in Clin Med & Res IAEA-SM-185/28:229-250, 1974, Knoxville, TN.
7. Price RR, McKee LC Jr, Krantz SB, Brill AB: Estimation of slow dynamic function parameters in iron kinetics studies using quantitative measurements Sd compartmental modelling analysis. Proceedings IAEA Symposium on Dynamic Studies with Radioisotope in Clinical Medicine and Research IAEA-SM-185/38:429-444, 1974.

ARTICLES IN PROCEEDINGS (cont'd):

8. Price RR, Johanes JD, Lutin CE, Krolak PD, Brill AB: Computer-aided nuclear medicine report generation at Vanderbilt. Atomic Energy Commission Publication AEC-CONF-740531:18-31, 1974.
9. Erickson J, Brill AB, Patton DD, Williams H, Ahuja S, Price RR: Automated brain bolus analyses and significances of various extracted parameters. Atomic Energy Commission Publication AEC-CONF-740531:51-69, 1974.
10. Brill AB, Parker JF, Erickson JJ, Price RR, Patton JA, Patton DD: CAMAC Application in Nuclear Medicine at Vanderbilt. Recent Advances in Nuclear Medicine, Proceedings of First World Congress of Nuclear Medicine, 144-149, 1974, Kyoto, Japan.

11. Price RR, Lindstrom DP, Hillis S, Freisinger GC, Brill AB: Analytical techniques for image superposition. Proceedings of Fifth Symposium on Sharing of Computer Programs and Technology in Nuclear Medicine AEC-CONF-750124:241-250, January 1975, Salt Lake City, Utah.
12. Price R, Brill A, Graham T, Ivancevic D, Lindstrom D, Rhea T, Patton J, Smith C: Analysis of Cardiac Function and Regional Myocardial Blood Flow Using Radioisotopic and Radiographic Images. Proceedings of the 4th International Conference on Information Processing in Scintigraphy 136-163, 1975, Orsay.
13. Patton JA, Price RR, Brill AB: A 3 x 3 Array of Intrinsic Germanium Detectors for Radionuclide Scanning. Proceedings of Fourth International Conference on Medical Physics, July 25-30, 1976, Ottawa, Canada.
14. Price RR, Wagner J, Larsen K, Patton J, Brill AB: Bone Mineral Content of the Lumbar Spine Using a Rectilinear Scanner. Proceedings of Fourth International Conference on Medical Physics July 25-30, 1976, Ottawa, Canada.
15. Price R, Wagner J, Larsen KH, Stokes T, Patton J, Brill AB: The Application of Ge-153 to Static and Dynamic Transmission Studies. Proceedings of the ERDA Symposium on X- and Gamma-Ray Sources and Applications ERDA-CONF-760539:155-158, May 19-21, 1976, Ann Arbor, Michigan.
16. Price RR, Branch R, Ramage AA, Touya JJ, Brill AB: Deconvolution Analysis of Transplant Renogram. Proceedings of Seventh Symposium on Sharing of Computer Programs and Technology in Nuclear Medicine Computer Assisted Data Processing, National Technical Information Service, CONF-770101:76-91, 1977.

ARTICLES IN PROCEEDINGS (cont'd):

17. Price RR, Touya JJ, Branch R, Goddard J, Brill AB: Validation of Renal Transit-Time Calculations Using Compartmental Models and Direct Measurements. A Review of Information Processing in Medical Imaging, AB Brill & RR Price, Ed, National Technical Information Service, ORNL/BCTIC-2:536-554, 1977.
18. Efron U, Kedem D, Kedem D, Smith CW, Erickson J, Price RR, Nelson JJ, Brill AB: New Methods for Pulsatile Blood Flow measurement Using Cine-Densitometry. A Review of Information Processing in Medical Imaging, AB

Brill & RR Price, ED, National Technical Information Service, ORNL/BCTIC-2:66-84, 1977.

19. Price RR, Wagner J, Larsen KH, Patton JA, Touya JJ, Brill AB: Techniques for Measuring Regional and Total-Body Bone Mineral Mass to Bone Function Ratios. International Atomic Energy Agency Publication IAEA-SM-210/64, 1977, Vienna.

20. Patton JA, Price RR, Brill AB, Pehl R: A Mosaic Intrinsic Germanium Radioisotope Scanning Device with Longitudinal Section Scanning Capability. International Atomic Energy Agency Publication IAEA-SM-210/165, 1977, Vienna.

21. Burns B, James AE, Hutchins G, Novak G, Price RR: Ventilatory 133 Xenon Distribution Studies in the Duck (Anas platyrhynchos). Proceedings in Life Sciences, Respiratory Function in Birds, Adult and Embryonic. Satellite Symposium of the 27th International Congress of Physiological Sciences, 129-135, 1977, Paris.

22. Price RR, Larsen KH, Patton JA, Brill AB: A Digital System for Imaging Bone Mineral Mass. Proceedings of the 31st Annual Conference of Engineering in Medicine and Biology 20:21-25, 1978, Atlanta, Georgia.

23. Patton JA, Price RR, Pickens DR, Brill AB: Tomographic Imaging Applications of X-ray Fluorescence Techniques. Proceedings of the 5th International Conference on Medical Physics, August 19-24, 1978, Jerusalem, Israel.

24. Price RR, Touya JJ, Jones JP, Patton JA, Erickson JJ, Bowen R, Rollo FD: A New Approach to Measure Regional Pulmonary Ventilation. Proceedings of the 20th Annual Meeting of SE Chapter of Society of Nuclear Medicine, November 1-3, 1979.

25. Price RR, Pickens DR, Erickson JJ, Patton JA, Brill AB, Rollo FD: Digital Image Reconstruction in Focal-Plane Tomography. Proceedings of the 20th Annual Meeting of SE Chapter of the Society of Nuclear Medicine November 1-3, 1979, Orlando, Florida.

ARTICLES IN PROCEEDINGS (cont'd):

26. Erickson JJ, Price RR, Brill AB, Lewis A: A Stand Alone Data Collection Station Based on an Autonomous CAMAC Crate. Proceedings XII

International Symposium on Medical Physics and Bioengineering, August 1979, Jerusalem, Israel.

27. Kedem D, Erickson JJ, Brill AB, Price RR, Effron U, Smith CW: A Computer-Assisted Method for Measurement of Pulsatile Blood Flow Using Cine Densitometry. XII International Conference on Medicine and Bioengineering, August 19-24, 1979, Jerusalem, Israel.

28. Patton JA, Price RR, Pickens DR, Brill AB: Techniques for X-ray Fluorescence Tomography. Proceedings of the IEEE Nuclear Science Symposium October 17-19, 1979, San Francisco, California.

29. Pickens DR, Price RR, Patton JA, Erickson JJ, Rollo FD, Brill AB: Focal Plane Tomography Image Reconstruction. Proceedings of the IEEE Nuclear Science Symposium, October 17-19, 1979, San Francisco, California.

30. Price RR, Patton JA: Overview of Single Photon Emission Computed Tomography. Proceedings of Tenth Annual SNM Computer Council Symposium, January 27, 1980, Miami, Florida.

31. Pickens DR, Price RR, Erickson JJ, Patton JA, Partain CL, Rollo FD: Gated Longitudinal and Transverse Digital Tomography. Proceedings of the Southeastern Chapter Meeting of the SNM October 27-25, 1980, Nashville, Tennessee.

32. Patton JA, Price RR, Bowen R, Pickens D, Touya JJ, Rollo FD: Quantitative Comparison of Pho/Con and 7 Pinhole Collimator Computerized Reconstruction Imaging with TI-201. Proceedings of the Tenth Annual SNM Computer Council Symposium, January 27, 1980, Miami, Florida.

33. Pickens DR, Price RR, Erickson JJ, Patton JA, Partain CL, Rollo FD: Longitudinal and Transverse Digital Image Reconstruction with a Tomographic Scanner. International Atomic Energy Agency Publication, IAEA-SM 247-76, 1980, Vienna.

34. Erickson JJ, Price RR, Touya JJ, Kronenberg MW, Pederson R, Rollo FD: Quality Control of Software in Dissimilar Systems Using a Common Clinical Data Base. IAEA and WHO International Symposium on Medical Radionuclide Imaging, IAEA-SM-247/96, pp. 47-55, 1980.

ARTICLES IN PROCEEDINGS (cont'd):

35. Touya JJ, Jones JP, Price RR, Patton JA, Erickson JJ, and Rollo FD: The Imaging of Ventilation/Perfusion Ratio by Gated Regional Spirometry. IAEA and WHO International Symposium on Medical Radionuclide Imaging, IAEA-SM-247/106, pp. 455-463, 1980.
36. Pickens DR, Price RR, Erickson JJ, Patton JA, Rollo FD: Digital Image Processing in Focal Plane Tomography (PHO/CON). Proceedings of the Tenth Annual SNM Computer Council Symposium, Miami, FL, Jan. 27, 1980.
37. Rollo FD, Touya JJ, Price RR, Patton JA, Pickens DR, Kulkarni M, Massie D: Clinical Utility of the PHO/CON-192. Proceedings of the Symposium on Clinical Use of Emission Tomography, Bureau of Radiological Health, HEW, and the American College of Nuclear Physicians, Washington, D.C., March 9-12, 1980.
38. Price RR and Rollo FD: Digital Data Acquisition from an Emission Tomographic Scanner. The Image. Digital Equipment Corporation Newsletter, Summer 1980, p. 8.
39. Partain CL, Rollo FD, Price RR, Patton JA, Erickson JJ, James AE: Nuclear Magnetic Resonance Imaging: Diagnostic Impact in the Future? Proceedings Southeastern Chapter Society of Nuclear Medicine, Nashville, TN, Oct. 1980, pp. 6/1-6/13.
40. Price RR, Patton JA, Rollo FD: "Single Photon Emission Computed Tomography: An Overview". Single Photon Emission Computed Tomography and Other Selected Computer Topics, pp. 1-17, Society of Nuclear Medicine, New York, 1980.
41. Erickson JJ, Price RR, Rollo FD, Pendergrass HP, Gerlock AJ, James AE, Partain CL: A Digital Radiographic Analysis System. No. 169. Proceedings of the 66th Annual Meeting of the Radiological Society of North America, Nov. 16-21, 1980, Dallas, TX.
42. Bowen RD, Price RR, Powers TA: The effects of gating delays on ejection fractions. Proceedings of the 21st Annual Meeting and Continuing Education Lectures, Southeastern Chapter of the Society of Nuclear Medicine, 1980.
43. Price RR, Partain CL, Kulkarni M, Erickson JJ, Patton JA, Pickens DR, James AE: Parameters of Renal Kinetics: Comparison of Digital Radiography and Nuclear Medicine. Published in the Proceedings of the AUR Meeting, New Orleans, LA, April 20-23, 1981.

44. Partain CL, Erickson JJ, Price RR, Patton JA, Pickens DR, Winfield AC, James AE: Renal Kinetics: Correlation of Dynamic Computed Tomography and Digital Radiography, Proceedings of the International Symposium and Course on Computed Tomography, New Orleans, LA, April 13-16, 1981.

ARTICLES IN PROCEEDINGS (cont'd):

45. Partain CL, Price RR, Patton JA, James AE Jr: Review and Future Directions in NMR Scanning. Proceedings of the International Symposium on Nuclear Magnetic Resonance Imaging, Winston-Salem, NC, October 1-3, 1981.

46. Pickens DR, Price RR, Patton JA, Smith CW, Partain CL, James AE, Rollo FD: Imaging Characteristics of a Commercial Digital Radiography System. Proceedings of the 67th Annual Meeting of the RSNA, November 15-20, 1981.

47. Partain CL, Currie CM, Patton JA, Price RR, Erickson JJ, Pickens DR, James AE Jr: Sequential Positron Emission Computed Tomography Applied to Dynamic, Multi-Compartmental CSF Kinetics. Proceedings of the 67th Annual Meeting of the RSNA, November 15-20, 1981.

48. Price RR, Partain CL, Pickens DR, Diggs J, Patton JA, Erickson JJ, James AE Jr: Quantitative Renal Function Measurements with Digital Radiography. Proceedings of the 67th Annual Meeting of the RSNA, November 15-20, 1981.

49. Pickens DR, Price RR, Patton JA, Erickson JJ, Partain CL, Touya JJ and Rollo FD: Digital Tomography and Image Processing with an Emission Focal Plane Scanner. Emission Computed Tomography: The Single Photon Approach. HHS Publication FDA 81-8177. August, 1981, pp. 27-32.

50. Partain CL, Heller RM, Hubner KF, Price RR, Patton JA, Erickson JJ, Pickens DR, Hayes RL, James AE Jr: Functional Imaging of the Brain Using Positron Emission Tomography. Proceedings of the Copenhagen Symposium on Diagnostic Imaging, Glostrup, Denmark, May 29, 1982.

51. James AE Jr, Pendergrass HP, Stephens WH, Partain CL, Price RR, Rollo FD: Legal Implications Associated with New Medical Imaging Technology. Society of Photo-Optical Instrumentation Engineers (Part II) Picture Archiving & Communication Systems for Medical Applications, Vol. 318, 1982.

52. Partain CL, Patton JA, Powers TA, Sandler MP, Jones JP, Pickens DR, Price RR, Clanton JA, Runge VM and James AE Jr: Quantitative Nuclear Medicine: An Overview. Society of Nuclear Medicine, Continuing Education Syllabus, pp. 1-27, and Clinical Nuclear Medicine 7(105):57, October 1982.

53. Partain CL, Price RR, Patton JA, James AE Jr: Nuclear Magnetic Resonance Imaging: Potential impact on medical diagnosis and digital data communications. SPIE, Vol. 318, (Part I), Picture Archiving and Communication System for Medical Applications, pp. 355-358, 1982.

ARTICLES IN PROCEEDINGS (cont'd):

54. Partain CL, Price RR, Stewart RG, James AE: Review and future directions in NMR scanning. In Proceedings, International Symposium on Nuclear Magnetic Resonance Imaging, R Witcofski, N Karstaedt, CL Partain, eds., National Cancer Institute, Bowman Gray School of Medicine and Vanderbilt University School of Medicine, Winston-Salem, NC, October 1981 and Radiology 142(1):247, January 1982.

55. James AE, Price RR, Harms S, Stewart R, Partain CL: Nuclear Magnetic Resonance (NMR) as an Imaging Technique. In Proceedings, NATO Advanced Study Institute on Diagnostic Imaging in Medicine, Pisa, Italy, October 1981, published by Sitjhoff and Noordhoff International Publishers, Stradhoudersplein, The Netherlands 1982.

56. James AE, Price RR, Harms S, Stewart R, Partain CL: Nuclear Magnetic Resonance (NMR) Imaging: An Overview. In Proceedings, NATO Advanced Study Institute on Diagnostic Imaging in Medicine, Pisa, Italy. Sitjhoff and Noordhoff, Stradhoudersplein, The Netherlands 1982.

57. James AE, Fleischer AC, Machine J, Partain CL, Horev G, Price RR: Real-Time Ultrasound. In Proceedings, NATO Advanced Study Institute on Diagnostic Imaging in Medicine. Sitjhoff and Noordhoff, Stradhoudersplein, The Netherlands 1982.

58. James AE Jr, Gibbs SJ, Price RR, Partain CL, Capp MP, Baker D, Patton JA, Erickson JJ, Fleischer AC, Winfield A: The Newer Imaging Procedures in Radiological Sciences: Choices of Informational Content and Image Quality. Proceedings of the 18th Annual Meeting, National Council on Radiation Protection and Measurements, 1983, pp. 45-107.

59. Partain CL, Kulkarni MV, Mitchell MR, Price RR, Patton JA, Jones JP, and James AE Jr: Nuclear magnetic resonance: 1984 update. In Continuing Education Syllabus, Southeastern Chapter, Society of Nuclear Medicine, 1985.

60. Price RR, Sandler MP, Patton JA, Larsen K, Pickens DR, Partain CL, James AE Jr: Physics and technology of bone-mineral contrast measurements.

In Expanding the Clinical Role of Nuclear Medicine, M Glefant (ed). SEC Society of Nuclear Medicine 1986.

61. Carson PL, Thomas SR, Koskinen M, Lassen M, Palicek W, Price RR, Bronskill MJ: Site planning for magnetic resonance imaging. In NMR in Medicine: The Instrumentation and Clinical Applications. AAPM Monograph No. 14, SR Thomas and RL Dixon (eds), pp. 387-413, 1987.

ARTICLES IN PROCEEDINGS (cont'd):

62. Price RR, Patton JA, Erickson JJ, Pickens DR, Partain CL, James AE Jr: Concepts of the quality assurance and phantom design for NMR systems. NMR in Medicine: The Instrumentation and Clinical Applications. AAPM Monograph No. 14, SR Thomas and RL Dixon (eds), pp. 414-441, 1987.

63. Lorenz CH, Pickens DR, Puffer DB, Creasy J, Price RR: Evidence of Coherent Flow in Magnetic Resonance Perfusion/Diffusion Imaging. SMRM Proceedings, pp. 906, Amsterdam, 1989.

64. Dawant BM, Sprenkels HG, Puffer DB, Fitzpatrick M, Price RR: Combining Perfusion/Diffusion, T1-weighted, T2-weighted and Proton Density Imaging. SMRM Proceedings, pp. 1148, Amsterdam, 1989.

65. Puffer DB, Lorenz CH, Pickens DR, Price RR: Perfusion/Diffusion Separation: Dependence on Gradient Factor Combination. SMRM Proceedings, pp. 137, Amsterdam, 1989.

66. Tompkins PA, Andrews WD, Brau CA, Waters JA, Carroll FE, Pickens DR, Price RR, Roos CF. The Vanderbilt University Free-Electron Laser X-Ray Facility. Proceedings - SPIE X-Ray Detector Physics and Applications, 1736:72-83, 1992.

67. Tompkins PA, Brau CA, Dong W, Waters JW, Carroll FE, Pickens DR, Price RR. The Vanderbilt University Compton Scattering X-ray Experiment. Proceedings of the 1993 IEEE Particle Accelerator Conference, May 1993.

68. Watson MT, Lorenz CH, Delbeke D, Alexander J, Overholser KA, Sandler MP, Price RR. Quantification of regional myocardial perfusion: a comparison of contrast enhanced magnetic resonance imaging and positron emission

tomography. 12th Annual Meeting of the Society of Magnetic Resonance in Medicine, New York, NY, August 1993.

69. Lee H, Holburn GE, Price RR and Martin P: In vivo NMR Spectroscopy of Cholinergic Drugs in Rat Brain. Proceedings of the International Society of Magnetic Resonance in Medicine, Fifth Scientific Meeting, Vol. 2, p. 1247. Vancouver, B.C., Canada, April 1997.

70. Lee H, Tarter J, Holburn G, Price R, Weinstein D and Martin P. In-vivo Localized Proton NMR Spectroscopy of Thiamine-Deficient Rat Brain, Proceedings of the Society of Magnetic Resonance, Nice, France, Vol. 3: 1758, 1995.

71. Viner D, Park J, Price R, Olson N. Characterization of Steroid Myopathy Using MRI and P-31 Magnetic Resonance Spectroscopy, Proceedings of the Society of Magnetic Resonance, Nice, France, Vol. 3: 1867, 1995.

ARTICLES IN PROCEEDINGS (cont'd):

72. Riddle WR and Price RR: Estimating Percent Body Fat in Prader-Willi Syndrome with MR Imaging. Proceedings of the International Society of Magnetic Resonance in Medicine, Fifth Scientific Meeting, Vol. 3, p. 2100, Vancouver, B.C., Canada, April 1997.

73. Lee H, Riddle WR, Gibbs SJ, Price RR, Dawant B, Li T, Parks M. Martin P. Reduced variability in serial metabolite measurements using on-line image guided registration of ROIs. Proceedings of the International Society for Magnetic Resonance in Medicine, 1430, 1997.

74. Melzer P, Pickens DR, Price RR, Morgan VL, Wall RS, Ebner FF. Reading Braille Activates Cortical Areas of the Dorsal Stream in the Blind: A fMRI Study. Proceedings of the International SMRM, Sixth Scientific Meeting and Exhibition, Sydney, Australia, Vol. 3, p. 1514, 1998.

75. Parks MH, Morgan VL, Pickens DR, Price RR, Schlack HM and Martin PR. Cerebellar fMRI Studies of Alcohol-Induced Brain Injury. Proceedings of the International Society of Magnetic Resonance in Medicine 2:832, 1999.

76. Morgan VL, Mertz H, Pickens DR, Price RR, Tanner WG and Kessler R. Study of Irritable Bowel Syndrome Using Functional MRI. Proceedings of the International Society of Magnetic Resonance in Medicine 2:824, 1999.

77. Lee H, Keel A, Holburn G, Martin PR and Price R. In-vivo and In-vitro NMR Spectroscopic Studies of Thiamine Deficient Rat Brains. Proceedings of the International Society of Magnetic Resonance in Medicine 3:1482, 1999.
78. Morgan VL, Abou-Khalil B, Modur P, Wushensky C, Price RR. MRI Functional Connectivity to Lateralize Temporal Lobe Epilepsy. Tenth Scientific Meeting of the International Society for Magnetic Resonance in Medicine 2002: 1536.
79. Lavelly WC, Delbeke D, Price RR and Hallahan DE. "FDG-PET in the Follow-Up Management of Patients with Newly-Diagnosed Hodgkin's and Non-Hodgkin's Lymphoma After First-Line Chemotherapy". Proceedings of the 44th Annual Meeting of the American Society of Therapeutic Radiology and Oncology, October 6-10-2002.

PUBLISHED ABSTRACTS:

1. Weinberg A, Berg RE, Price RR, Bacon TC, Bomse FM, Flickinger W, Moses EJ, Salant EO, Webster MS: Study of Kⁿ 3 Prongs + V^o at 4.9 Bev/c. Bull Am Phys Soc 14:119, 1969.

PUBLISHED ABSTRACTS (cont'd):

2. Berg RE, Price RR, Salant EO, Waters JW, Webster MS, Weinberg A: Study of Kⁿ 3 prong + K^o at 4.9 Bev/cm Bull S.E.S. Am Phys Soc, CE6, Gainesville, 1969.
3. Price RR, Berg RE, Salant EO, Waters JW, Webster MS, Weinberg A: Study of Kⁿ 3 Prongs + K^o at 4.9 Bev/c, BULL S.E.S. Am Phys Soc, CE7, Gainesville, 1969.
4. Weinberg A, Berg R, Price RR, Salant EO, Waters J, Webster MS: Comparison of Kⁿ 3 Prongs + V^o at 4.9 Bev/c with Multiperipheral Models. Bull Am Phys Soc, Chicago, 1970.
5. Price RR, Peytremann R, Johnston RE, Hartmann RC, Brill AB: Measurement of Radioiron Distributions in Patients with Erythropoietic Disorders. Southern Med J 64(11), November 1971.
6. Price R, Ahuja S, Davies H, Johnston RE, Brill AB: Compartmental Modelling Analysis of Iodine Kinetics in Hyperthyroid Patients Treated with I¹³¹. Southern Med J 65(11)2:1423, November 1972.

7. Price R, Ivancevic D, Patton JA, Brill AB: CAMAC Standard Computer Controlled Data Acquisition for Stationary Multiprobe Systems. J Nuclear Medicine 13(8):636, 1973.
8. Patton JA, Price RR, Brill AB: Accuracy of In Vivo Measurement of Thyroidal Iodine by Fluorescence Scanning. Southeastern Chapter, Society of Nuclear Medicine, Annual Meeting, October 31-November 3, 1973, Memphis, Tennessee.
9. Ortiz J, Connally J, Bayuzick RJ, Price R: Effect of Electrical Stimulation of Physical Properties of Healed Fractures. Conference of Electrically Mediated Growth Mechanisms in Living Systems, The New York Academy of Sciences, New York, September 1973.
10. Price R, Ivancevic D, Brill AB: Mathematical Analysis of Cardiac Indicator Dilution Curves. Society of Nuclear Medicine, Southeastern Chapter, October 1973, Memphis, Tennessee.
11. Ivancevic D, Price R, Graham T, Atwood GF, Brill AB: Radiocardiography in Patients with Congenital Heart Disease. Society of Nuclear Medicine, Southeastern Chapter, October 31-November 3, 1973, Memphis, Tennessee.
12. Rhea TC, Ivancevic D, Price RR, Graham TP, Smith CV, Brill AB: PULSE: A Computer code incorporating a pulsatile heart model to analyze radiocardiographic data. J Nuclear Medicine 15:527, 1974.

PUBLISHED ABSTRACTS (cont'd):

13. Erickson JJ, Brill AB, Patton DD, William H, Price RR: Automated brain bolus analysis and significance of various extracted parameters. J Nuclear Medicine 15:527, 1974.
14. Wagner J, Price RR, Brill AB: Measurement of Total Body Water Using D_2 and the $D(,n)H$ Reaction. Southern Medical J, October 1975.
15. Larsen KH, Price RR, Wagner J, Brill AB: A Dual Photon Transmission System for Bone Mineral Content Measurement. Southern Medical J October 1975.

16. Patton JA, Price RR, Brill AB, Pehl R: A Mosaic Intrinsic Germanium Radioisotope Scanning Device. J Nuclear Medicine 17(6):528, June 1976.
17. Patton JA, Price RR, Brill AB: A 3 x 3 Array of Intrinsic Germanium Detectors for Radionuclide Scanning. Phys Med and Biol 22(1):109, 1977.
18. Price RR, Wagner RJ, Larsen K, Patton J, Brill AB: Bone Mineral Content of the Lumbar Spine Using a Rectilinear Scanner. Phys Med and Biol 22(1):122, 1977.
19. Touya JJ, Price RR, Patton JA, Erickson JJ, Jones JP, Rollo FD: Gated Regional Spirometry. J Nuclear Medicine 20:620, June 1978.
20. Pickens D, Patton JA, Pearse D, Price RR, Brill AB: Simultaneous Multiplane Deconvolution in Focal Plane Tomography. J Nuclear Medicine 20:666, 1979.
21. Jones TB, Price RR, James AE: Computer Assisted Volumes from B-mode Ultrasonography. 65th Annual Meeting of the Radiological Society of North America, November 1979, Atlanta, Georgia.
22. Touya JJ, Powers TA, Jones JP, Price RR, Patton JA, Bowen RD, Erickson JJ, Rollo FD: A new approach to measure pulmonary ventilation. Scientific Program 65th Annual Meeting, Radiological Society of North America, 374, 1979.
23. Jones TB, Price RR, Gibbs SJ. Volumetric Determination of Placental and Uterine Growth Relationships from B-Mode Ultrasound by Serial Area-Volume Determinations. Invest Radiol 15:431, 1980.
24. Price RR, Rollo FD, Steckley R, Born M, Patton JA, Erickson JJ, Touya JJ: A New Quality Control Phantom for Gated Acquisition Systems. J Nucl Med 21:88, June 1980.

PUBLISHED ABSTRACTS (cont'd):

25. Patton JA, Price RR, Pickens DR, Rollo FD: Recent Improvements in Longitudinal Section Tomography. J Nucl Med 21:92, June 1980.
26. Pickens DR, Price RR, Erickson JJ, Patton JA, Rollo FD: Longitudinal and Transverse Section Scanning with the Searle Pho/Con-192. J Nucl Med 21:92, June 1980.

27. Price RR, Erickson JJ, Jones TB, Fleischer AC, Partain CL, James AE: "A Digital Signal and Image Processing System for Ultrasonography". Proc. American Institute of Ultrasound in Medicine, New Orleans, Sept. 1980, pp. 202.
28. Price RR, Touya JJ, Nadeon J, Branch R, Born M, Rollo FD, Brill AB: Parameters of Split Renal Function from Transit-Time Distributions of I-131 Hippuran. Perspective - Radiological Society of North America -- 65th Scientific Assembly, Atlanta, GA, Nov. 1980, p. 224.
29. Price RR, Partain CL, Kronenberg MW, Erickson JJ, Smith CW, James AE: Intravenous Arteriography Using Digital Subtraction of Cine Film. No. 446, Work-in-Progress, 66th Annual Meeting of the Radiological Society of North America, November 16-21, 1980, Dallas, TX.
30. Pickens DR, Price RR, Patton JA, Erickson JJ, Partain CL, Rollo FD: Digital Tomography and Image Processing with an Emission Focal Plane Scanner. Presented at the Annual Meeting of the Radiological Society of North America, Dallas, TX, Nov. 16-21, 1980.
31. Gibbs SJ, Pickens DR, Kugel JA, Erickson JJ, Patton JA, Beytas EW, and Price RR: Digital Processing of Dental Radiographic Images. Presented at **33rd Annual Session, American Academy of Oral and Maxillofacial Radiology, Las Vegas, Nov. 3-5, 1982.**
32. Kulkarni MV, Price RR, Pickens DR, Diggs J, Winfield AC, Partain CL, James AE: Evaluation of the kidney and its functional parameters by digital radiography. Radiological Society of North America. Chicago, November, 1982.
33. Kulkarni MV, Price RR, Winfield AC, Patton JA, and Partain CL: Comparison of radionuclide and digital subtraction radiography for the evaluation of the kidney. Society of nuclear Medicine, St. Louis, Mo., June, 1983.
34. Partain CL, Price RR, Patton JA, et al: NMR imaging with a 0.5 Tesla superconducting system: Initial clinical experience and correlation. Radiological Society of North America. Chicago, November, 1983.

PUBLISHED ABSTRACTS (cont'd):

35. Patton JA, Lagan JE, Stephens WS, Price RR, Partain CL and James AE: Site preparation for a 0.5 Tesla superconducting NMR imaging system. Radiological Society of North America. Chicago, November, 1983.
36. Partain CL, Patton JA, Price RR, Stephens WH, Lagan JE, and James AE: NMR hospital installation: 0.5 Tesla superconducting system. Society of Magnetic Resonance in Medicine, San Francisco, Aug. 16-19, 1984 and Magnetic Resonance in Medicine 1 (2):224, 1984.
37. Price RR, Patton JA, Kulkarni MV, Pickens DR, Erickson JJ, Stephens WH, Partain CL, and James AE Jr: Nuclear Magnetic Resonance (NMR) blood flow imaging. Society of Nuclear Medicine. Los Angeles, June, 1984 and Nuclear Medicine 25(5):35, 1984.
38. Mitchell MR, Conturo TE, Grubber BA, Jones JP, Price RR, Partain CL, and James AE Jr: Prospective selection of optimal magnetic resonance imaging (MRI) pulse sequence timing intervals. Society of Magnetic Resonance in Medicine. New York, August 1984 and Magnetic Resonance in Medicine 2:2, 1984.
39. Kulkarni MV, Shaff MI, Johnson AC, Sandler MP, Price RR, Partain CL, and James AE Jr: Magnetic resonance imaging of the retroperitoneum: Normal anatomy and pathological findings. Radiological Society of North America. Washington, November 1984, and Radiology.
40. Kulkarni MV, Brun ME, Waddill WB, Diggs J, Kayser J, Winfield AC, Holburn GE, Martin VN, Price RR: Functional Evaluation of Renal Artery Stenosis in an Animal Model Using Intravenous Digital Subtraction Angiography, Radiology 153:262-263, 1984.
41. Price RR, Pickens DR III, Kulkarni MV, Patton JA, Holburn GE, Wehr CJ, Mazer MJ, Partain CL, James AE, Jr: Flow-Velocity Dependence in Magnetic Resonance Imaging. Radiology 158:63, November 1984.
42. Price RR, Pickens DR, Kulkarni MV, Holburn G, Patton JA, Wehr C, Mazer M, Partain CL, James AE Jr: Flow velocity dependence in magnetic resonance imaging. Radiology 158:63, November 1984.
43. Price RR, NMR: The impact of Physical Principles on System Design and Quality Assurance. Journal of Nuclear Medicine 26(5):150, May 1985.
44. Price RR, Smith G, Pickens DR, Erickson JJ, Kaye J, James AE Jr: Calibration of a digital radiography system for dual energy. Investigative Radiology 20(6):548, September 1985.

PUBLISHED ABSTRACTS (cont'd):

45. Pickens DR, Price RR, Kulkarni MV, Martin V, Mazer M, Partain CL, James AE Jr: Flow quantitation using magnetic resonance imaging. Investigative Radiology 20(6):548, September 1985.
46. Pickens DR, Price RR, Zheng J, Erickson JJ, James AE Jr: A technique for automatic motion correction in high speed digital angiography. Investigative Radiology 20(6):532, September 1985.
47. Singh RP, Mitchell M, Price RR, Partain CL, James AE Jr: Magnetic resonance imaging spin-echo ratio images. Investigative Radiology 20(6):56, September 1985.
48. Conturo TE, Mitchell M, Price RR, Partain CL, James AE Jr: Simultaneous calculation of spin density, T1 and T2 from multiple echo magnetic resonance imaging data. Investigative Radiology 20(6):56, September 1985.
49. Price RR, Kulkarni MV, Pickens DR, Craig J, Patton JA, Partain CL, James AE Jr: In-plane flow imaging with magnetic resonance. Radiology 157:31, November 1985.
50. Pickens DR, Price RR, Kulkarni MV, Partain CL. Flow velocity determination using magnetic resonance imaging systems. Radiology 157:31, November 1985.
51. Eisenberg AD, Conturo TE, Mitchell M, Schwartzberg M, Rich M, Clanton J, Price RR, Partain CL, James AE Jr: Paramagnetic chromium labeling of red blood cells for magnetic resonance imaging. Radiology 157:44, November 1985.
52. Conturo TE, Mitchell M, Price RR, Beth AH, Partain CL, James AE, Jr: Improved accuracy of N(H) and T2 by simultaneous calculation of N(H), T1 and T2 from magnetic resonance image data. Radiology 157:238, November 1985.
53. Kulkarni MV, Mehta SD, Patton JA, Price RR: Surface coil imaging: optimization of the techniques and its clinical applications. Magnetic Resonance Imaging 4(2):166, 1986.

54. Mehta SD, Price RR, Kulkarni MV: Non-orthogonal MR imaging: techniques and clinical applications. Magnetic Resonance Imaging 4(2):105, 1986.
55. Conturo TE, Smith GD, Price RR, Beth AH, Gibbs SJ, Partain CL, James AE Jr. Low-Noise T1 and T2 Images by Three-parameter Fit to Multi-Delay Multi-Echo MRI Data. Society of Magnetic Resonance in Medicine, Montreal, Canada, August 18-22, 1986.

PUBLISHED ABSTRACTS (cont'd):

56. Price RR, Pickens DR, Conturo T, Holburn G, McGee G, Patton JA, Partain CL, James AE Jr: Subtraction Imaging for MR Angiography. Medical Physics 14(3):472, 1987.
57. Pickens DR, Price RR, Conturo T, Holburn G, McGee G, Patton JA, Partain CL, James AE Jr: Direct Phase Angle Images for MR Flow. Medical Physics 14(3):472, 1987.
58. Pickens DR, Price RR, Conturo T, Holburn G, McGee G, Partain CL, James AE Jr: MR Flow Information from Direct Phase Angle Image Reconstruction. Radiology 165(P):30, 1987.
59. Price RR, Pickens DR, Conturo T, Smith G, Riddle W, Partain CL, James AE Jr: Two-Dimensional MR Flow Imaging, Physics in Medicine and Biology 33(Suppl 1):93, 1988.
60. Conturo TE, Smith GD, Price RR, Beth AH, Partain CL, James AE Jr: MR imaging phase signal-to-noise ratio: enhancement by correction of phase aliasing with phase reference offsets. Radiology 169(P):366, 1988.
61. Lorenz CH, Price RR, Pickens DR, Creasy J, Riddle WR, Park J, Holburn G, Partain CL and James AE Jr: Comparison of direct phase angle images and IVIM images in MR perfusion/diffusion studies, Radiology 169(P):344, 1988.
62. Creasy JL, Price RR, Lorenz CH, Puffer DB, Pickens DR, and Kessler RM: Perfusion and Diffusion Imaging: Explanation of Techniques and Comparison of Imaging Methods. 74th Meeting of the Radiological Society of North America, November 27-December 2, 1988.

63. Price RR, Pickens DR, Lorenz CH, McCurdy M, Creasy JL, Partain CL, and James AE: Comparison of Ungated Projection MR Angiography and Gated Cine MR Sequence for Flow Compensation and Vessel Diameter, Radiology 173(P):47, 1989.
64. Powers TA, Lorenz CH, Bain R, Holburn G, and Price RR: In Vivo MR Perfusion Imaging of Renal Artery Stenosis, Radiology 173(P):371, 1989.
65. Partain CL, Clanton JA, McCurdy M, Holburn G, Price RR: Dynamic Contrast Enhanced MRI of the Liver, Magnetic Resonance Imaging 6(Suppl 1):121, 1989.
66. Lorenz CH, Pickens DR, Puffer DB, Price RR, and Creasy J: Evidence of Coherent Flow in Magnetic Resonance Perfusion/Diffusion Imaging. Medical Physics 16(3):469, 1989.
67. McDougal WS, Hill DE, Stephens WH, Price RR, and Koch MO: Renal Physiology and Pathologic Alterations Following Exposure of the Kidney to Ultrasonically Generated Shockwaves. Proc. Am. Urologic Association, No. 689, 1989.

PUBLISHED ABSTRACTS (cont'd):

68. Creasy JL, Price RR, Lorenz CH, Puffer DB, Pickens DR, and Kessler RM. Perfusion and Diffusion Imaging: Explanation of Techniques and Comparison of Imaging Methods. RadioGraphics, 1989.
69. Lorenz CH, Pickens DR, Puffer DB, Price RR: Separation of Perfusion and Diffusion in MR Imaging with Functional Analysis. Radiology 173(P):190, 1989.
70. Jolgren DL, Lorenz CH, Creasy JL, Pickens DR, Price RR, Partain CL, and James AE, Jr.: Application of Magnetic Resonance Intravoxel Incoherent Motion Perfusion Imaging to an Excised Dog Kidney. Radiology 173(P):190, 1989.
71. Creasy JL, Price RR, Kessler R: Effect of Hemorrhage on MR Angiography. Radiology 173(P):187, 1989.
72. Puffer DB, Pickens DR, Lorenz CH, Price RR: MR Imaging of Perfusion and Diffusion. Dependence on Gradient-Factor Combination. Medical Physics 16(3):469, 1989.

73. Pickens DR, Lorenz CH, Puffer DB, Price RR, and Creasy JL: MR Flow and Perfusion, Internal Congress of Radiology, Paris, France, July 1989.
74. Park JH, Kumar N, Willcott MR, Gibbs SJ, Goins D, Penner MW, Vansant J, Price RR, James AE Jr, Partain CL. In Vivo Magnetic Resonance Spectroscopy: Initial Clinical Experience. International Congress of Radiology, Paris, France, July 1-8, 1989.
75. Price RR, Pickens DR, Lorenz CH, Creasy JL, Powers TA, Partain CL, and James AE Jr: Gd-DTPA kinetics in an excised kidney model with use of snapshot FLASH MR Imaging. Radiology 177(P):110, 1990.
76. Lorenz CH, Graham TP, Holburn GE, Riddle WR, Price RR, Atkinson JB, Sandler MP, and Partain CL: Noninvasive Estimation of Right and Left Ventricular Myocardial Mass by Gated Cine, Magnetic Resonance Imaging 8 (Suppl 1), 1990.
77. Gibbs SJ, Willcott MR, Price RR, Partain CL, James AE Jr. Error Analysis of the Fitting of MR Relaxation Data: The Double Exponential Fit. Magnetic Resonance Imaging 8(S1):66, 1990.
78. Pickens DR, Price RR, Puffer DB, Lorenz CH, Jolgren D, Creasy J, Partain CL, James AE Jr: Detection of Small Perfusion Changes in a Tissue Model using MRI Sequences. Magnetic Resonance Imaging 8(Suppl 1):29, 1990.

PUBLISHED ABSTRACTS (cont'd):

79. Riddle WR, Willcott MR, Price RR, Pickens DR, Partain CL and James AE Jr: Optimization of Volume Selected MR Imaging for Localized Proton Spectroscopy, Magnetic Resonance Imaging 8(Suppl 1):68, 1990.
80. Diffusion/Perfusion: Phantom Experiments, Future Directions in MRI of Diffusion and Microcirculation, SMRM Workshop, Bethesda, MD, June 7-8, 1990.
81. Lorenz CH, Powers TA, Holburn GE, and Price RR. Quantitative Analysis of MR Perfusion/Diffusion Images in a Dog Model of Renal Artery Stenosis with Microsphere Correlation, Radiology 177(P): 284, 1990.
82. Willcott MR, Gibbs SJ, Pickens DR, Riddle WR, Hollister AS, Biagionni IO, Price RR. Reactive Hyperemia in Muscle: Proton MRI and MRS Studies. Society of Magnetic Resonance in Medicine, New York, NY, August 18-24, 1990.

83. Powers TA, Lorenz CH, Holburn GE, and Price RR. Comparison of 2D MR Angiography and Microsphere Measurement of Renal Blood Flow for Detection of Renal Artery Stenosis, Radiology 177(P):283, 1990.
84. Pickens DR, Dawson RC, Votaw JR, Lorenz CH, Holburn GE, and Price RR. MR Perfusion/Diffusion Weighted Imaging of Acute Ischemia in an Animal Model with PET Correlation, Radiology 177(P):283, 1990.
85. Gibbs SJ, Willcott MR, Riddle WR, Price RR. Magnetic Resonance Spectroscopy In Vivo: Principles, Potentials, and Pitfalls. American Academy of Oral and Maxillofacial Radiology, Boston, MA, October 10-12, 1990.
86. Pickens DR, Lorenz CH, Price RR, Puffer DB, Jolgren DL. Functional Analysis of Tissue Perfusion with MRI, Radiology 177(P):269, 1990.
87. Kerner TC, Price RR, Pickens DR and Creasy J: Estimation of Vessel Lumen Size with MRA: Phantom and Clinical Studies. Magnetic Resonance Imaging 8(Suppl 1):137, 1990.
88. Worrell JA, Kaufman AJ, Fleischer AC, Stephens WH, Price RR, Richards WO, Lind CD, Williams LF Jr: Sonography of gallbladder lithotripsy. Presented at the 34th American Institute of Ultrasound in Medicine, New Orleans, LA, March 4-7, 1990.
89. Creasy J, Worrell JA, Smith GD, Price RR, Pickens DR, Roos CF, Malisch TW, Partain CL: Initial clinical use of PACS: Elimination of unread CT examinations. Presented as a Works-In-Progress at Radiological Society of North America 7th Annual Meeting, Chicago, IL, 1990.

PUBLISHED ABSTRACTS (cont'd):

90. Josephs LG, Arnold JH, Chapman WC, Richards WO, Lind CD, Worrell JA, Stephens WH, Lorenz CH, Price RR, Williams LF Jr: Biliary ESWL using the Disonics Therasonics piezoelectric lithotripter. Presented at the University of Pennsylvania, March 1, 1990.
91. Worrell JA, Kaufman AJ, Fleischer AC, Stephens WH, Price RR, Richards WO, Lind CD, Williams LF Jr: Sonography of gallbladder lithotripsy. Presented at the 34th American Institute of Ultrasound in Medicine, New Orleans, LA, March 4-7, 1990.
92. Arnold JH, Josephs LG, Chapman WC, Richards WO, Lind CD, Worrell JA, Stephens WH, Lorenz CH, Price RR, Williams LF Jr: The principles of

- biliary extracorporeal lithotripsy: Clinical implications. Presented at Advances in Biliary Shock Wave Lithotripsy, New Orleans, LA, March 31, 1990.
93. Worrell JA, Fleischer AC, Lind CD, Richards WO, Arnold JH, Josephs LG, Chapman WC, Stephens WH, Lorenz CH, Price RR, Williams LF Jr: Biliary lithotripsy: Where do we stand? Presented at Contemporary Medical Imaging VII, Hilton Head, SC, Mary 30-June 3, 1990.
94. Creasy J, Worrell JA, Smith GD, Price RR, Pickens DR, Roos CF, Malish TW, Partain CL: Initial clinical use of PACS: Elimination of unread CT examinations. Presented as a Works-In-Progress at Radiological Society of North America, 76th Annual Meeting, Chicago, IL, November 25-30, 1990.
95. Pickens DR, Dawson R, Holburn G, Lorenz CH and Price RR. Quantitative Perfusion/diffusion-Weighted Imaging of Normal Brain and Induced Stroke in an Animal Model with Microsphere Correlation. 10th Annual Society of Magnetic Resonance in Medicine Abstract Book, 1168, 1991.
96. Powers TA, Lorenz CH, Holburn GE, and Price RR: In Vivo MR Perfusion Imaging of Renal Artery Stenosis, Radiology 178(2):543-548, 1991.
97. Pickens DR, Gill MS, and Price RR. Evaluation of an X-ray-sensitive linear diode array for medical imaging. Radiology 181(P):233, 1991.
98. Price RR, Riddle WR, Lorenz CH, Pickens DR, Willcott MR, Partain CL, James AE. T1 Dependence in TurboFLASH Diffusion Imaging. Radiology, 181(P):310, 1991.
99. Olsen NJ, Park JH, Hernanz-Schulman M, Stein S, Price RR, Partain CL, James AE. Correlative magnetic resonance imaging (MRI) and P-31 magnetic resonance spectroscopy (MRS) for quantitative characterization of dermatomyositis and polymyositis. Presented at the American College of Rheumatology Symposium on Dermatomyositis/Polymyositis, Atlanta, Georgia, March 1991.

PUBLISHED ABSTRACTS (cont'd):

100. Hernanz-Schulman M, Park JH, Olsen N, Stein SM, Kumar N, Park CR, Price RR, Partain CL, James AE: MRI and P-31 MR spectroscopy for evaluation of responsiveness of dermatomyositis patients to immunosuppressive therapy. Presented at the Society for Magnetic Resonance Imaging, Chicago, Illinois, April 1991.

101. Park JH, Hernanz-Schulman M, Olsen N, Stein SM, Reddy R, Price RR, Partain CL, James AE: Correlative MRI and P-31 MR spectroscopy for quantitative characterization of polymyositis. Presented at the Society of Magnetic Resonance Imaging, Chicago, IL, 1991.
102. Stein SM, Hernanz-Schulman M, park JH, Olsen NJ, Price RR, Partain CL, James AE. Juvenile dermatomyositis (JDM) and Duchenne muscular dystrophy (DMD): Correlative magnetic resonance imaging (MRI) and P-31 magnetic resonance imaging spectroscopy (MRS). Presented at the Society for Pediatric Radiology, Stockholm, Sweden, May 1991.
103. Park JH, Stein SM, Hernanz-Schuman M, Olsen NJ, Price RR, Partain CL, et al. MR imaging and P-31 spectroscopy for long-term evaluation of immunosuppressant therapy for inflammatory myopathies. Presented at the Radiological Society of North America annual meeting, Chicago, IL, 1991.
104. Gibbs SJ, Powers TA, Price RR: Rapid-Sequence MR Imaging of the Temporomandibular Joint. Dentomaxillofacial Radiology 11(Suppl):30, 1991.
105. Riddle WR, Willcott MR, Gibbs SJ, Price RR: Using the Phase of the Quadrature Signal in Magnetic Resonance Spectroscopy to Evaluate Magnetic Field Homogeneity and Temporal Stability. Book of Abstracts, Society of Magnetic Resonance in Medicine 1:453, 1991.
106. Lorenz CH and Price RR: Imaging of Restricted Diffusion: Potential Applications. Book of Abstracts, Society of Magnetic Resonance in Medicine 2:1207, 1992.
107. Lee H, Price R, Riddle WR, Lorenz CH, Pickens DR, Partain CL. TurboFLASH Imaging with Centric-ordered Phase Encoding. Radiology;185(P):158, 1992.
108. Gadamsetty S, Fitzpatrick JM, Maciunas RJ, and Price RR. Correction of Geometric Distortion in MR Imaging for Stereotaxy. Radiology;185(P):223, 1992.
109. Park JH, Olsen NJ, Vital T, Gilpin L, and Price RR. MR Imaging and P-31 MR Spectroscopy for Quantitative Comparison of Inflammatory Myopathies: Dermatomyositis, Polysyositis, and Inclusion Body Myositis. Radiology;185(P):322, 1992.

PUBLISHED ABSTRACTS (cont'd):

110. Riddle WR, Pickens DR, Gibbs SJ, Willcott MR, Price RR. Evaluating areas under MR spectroscopic peaks without phasing. Journal of Magnetic Resonance Imaging, Volume 3(P):158, 1993.
111. Price RR, Lee H, Riddle WR, Pickens DR, Lorenz CH, Partain CL. Centric-ordered diffusion-weighted TurboFLASH. Medical Physics 20(3):892, 1993.
112. Lee H and Price RR: Accurate and Motion-free Diffusion MR Imaging with Modified MP-RAGE Sequences. Radiology; 189(P):184, 1993.
113. Price RR, Lee H, Holburn GE, and Pickens DR: Susceptibility-weighted MR Imaging for Detection of Chronic Blood-Flow Deficits in the Brain. Radiology; 189(P):184, 1993.
114. Creasy JL, Knox K, Crump DB, and Price RR: New Anatomic Model for Flow Research of the Intracranial Vessels: Initial Evaluation with MR Angiography, CT Angiography, and Conventional Angiography. Radiology;189(P):397, 1993.
115. Price RR, Lee H, Pickens DR, Holburn GE, Larson TC and Creasy JL: Parametric T2* Imaging in Stroke: Correlation with Dynamic Contrast Perfusion Imaging. Radiology, Vol. 193(P), p. 197, 1994.
116. Price RR, Lee H, Pickens DR, Larson TC and Creasy J : Parametric T2* Imaging in Ischemia and Stroke. JMRI, Vol. 4(P), p. 69, 1994.
117. Park JH, Rader KL, Phothimat P, Price RR and Olsen NJ: Metabolic Recovery from Exercise by Dermatomyositis Patients Accurately Monitors Response to Immunosuppressive Therapy. Proc. Society of Magn. Resonance, (Vol. 3), p. 1256, San Francisco, ISSN 1065-9889, 1994.
118. Park JH, Olsen NJ, Ryder NM, Lawton AR, Price RR and Schulman M: Quantitative Evaluation of Patients with Juvenile Dermatomyositis with MR Imaging and P-31 MR Spectroscopy. Radiology, Vol. 193(P), p. 293, 1994.
119. Pickens DR, Lee H, Holburn GE, Blount S, and Price RR: Comparison of Diffusion-weighted Imaging and T2* Imaging in a Model of Acute Stroke. Radiology;193(P):196, 1994.
120. Lee H, Price RR and Pickens DR: Dynamic MR Imaging with Variable TR/TE Sequences. Radiology;193(P):330, 1994.

121. Morgan VL, Lorenz CH, Price RR. Linear Optimization Techniques Applied to MRI Phase Contrast Blood Flow Measurements. Second Meeting of the Society of Magnetic Resonance, Abstract Book, 987, 1994.

PUBLISHED ABSTRACTS (cont'd):

122. Lee H, Kennedy JS, Holburn GE, Martin PR, and Price RR: In Vivo NMR Spectroscopy Studies of the Effects of Physostigmine in Rat Brain. Accepted for publication in Magnetic Resonance in Medicine, 1995.

123. Price RR, Lee H, Welch L, Riddle W, Gibbs J, and Martin P: Assessment of Fine Motor Function with Functional MR Imaging. Radiology 197(P):219, 1995.

124. Lee H, Price RR, Holburn GE, Weinstein DD, Martin P: MR Spectroscopy in the Thiamine-deficient Rat Brain. Radiology 197(P):323, 1995.

125. Pickens DR III, Pan Q, Holburn GE, Price RR: Correlation of MR Diffusion Images and Radioactive Microsphere Measurements in a Model of Acute Stroke. Radiology 197(P):390, 1995.

126. Riddle WR, Creasy JL, Price RR: Quality Assurance for Fat Saturation MR Imaging. Radiology 197(P):451, 1995.

127. Viner DD, Park JH, Price RR, Olsen NJ: Characterization of Patients with Steroid Myopathy with MR Imaging and P-31 MR Spectroscopy. Radiology 197(P):156, 1995.

128. Price RR. Advances in Magnetic Resonance Imaging. Bulletin of American Physical Society, 41(2):887, 1996.

129. Price RR, Lee H, Welch L, Riddle WR, Gibbs SJ, Martin P, and Kessler, RM. Functional MR Imaging Assessment of Fine Motor Function. Book of Abstracts, International Society for Magnetic Resonance in Medicine, 1763, 1996.

130. Lee H and Price RR: Effects of Cholinergic Drugs in Rat Brain at In-Vivo Spectroscopy. Radiology 201 (P):427, 1996.

131. Riddle WR, Price RR, Butler MG, Ewing S. Radiologic Assessment of Body Composition in Patients with Prader-Willi Syndrome. Radiology 201 (P):529, 1996.

132. Lee H, Dawant B, Parks M, Schlack H, Li T and Price RR. Single voxel MR spectroscopy (MRS) using on-line image guided registration of volume-of-interest (VOI). Radiology 205(P):260, 1997.
133. Hudepohl R, Kedem D, Price RR, Wagner J, Brill AB: Three Photon Absorption Techniques. Phys Med and Biol 22(1):141, 1977.
134. Price RR and Lee. Basic Principles of MR Imaging, Categorical Course in Physics: The Basic Physics of MR Imaging Syllabus, RSNA Publications pp. 7-18, 1997.

PUBLISHED ABSTRACTS (cont'd):

135. Riddle WR, Pickens III DR, Price RR, and Witt WS. Comparison of image detectability between photostimulable phosphor (IP) and conventional screen-film images using contrast-detail phantoms. Radiology 205(P):392, 1997.
136. Gore JC and Price. Functional Magnetic Resonance Imaging, Physics News, American Institute of Physics, p. 49-51, 1997.
137. Melzer P, Pickens DR, Price RR, Morgan VL, Symons FJ, Wall RS. Cerebral Activation During Reading Nouns and Text in Braille: A fMRI Study. Radiology 209:243, 1998.
138. Melzer P, Pickens DR, Price RR, Morgan VL, Wall RS, Ebner FF. Reading Braille Activates Cortical Areas of the Dorsal Stream in the Blind. A fMRI Study. Society for Neuroscience 24:1979, 1998.
139. Pickens DR, Price RR, Morgan VL, Holburn GE, Parks MH, Martin P. Long Term Repeatability of Cerebella fMRI Correlated with an Independently Monitored Motor Task. Radiology 209:245, 1998.
140. Morgan VL, Price RR, Holburn GE, Butler M, Pickens DR, Partain CL. Functional MRI of the Human Olfactory Cortex. Radiology 209:276, 1998.
141. Pickens DR, Price RR, Mertz H, Morgan VL, Tanner G. Bowel Pain Response in Irritable Bowel Syndrome Patients Using fMRI. Radiology 209(P)587, 1998.
142. Riddle WR and Price RR. Quantifying Visceral and Subcutaneous Fat with MR Imaging. Radiology 209:582, 1998.
143. Price RR. The Basic Physics of MR Imaging. RSNA Publications 1998.

144. Pickens DR, Lee H, Holburn G, Price RR Comparison of Diffusion Weighted Imaging of Stroke with Microsphere Tracer Measurements of Perfusion. In preparation 1999.
145. Price RR, Pickens DR, Morgan VL, Fitzpatrick JM, Dawant B and Brill AB. Online Position Tracking for fMRI Motion Correction. Radiology 213(P):233, 1999.
146. Price R, Pickens D, Morgan V, Fitzpatrick J, Dawant B, Brill A. Online Position Tracking for fMRI Motion Correction. Radiology, 213P:233, 1999.
147. Grossman ED, Donnelly M, Morgan V, Price R, Neighbor G, and Blake R. fMRI Comparison of Neural Loci Activated by Biological Motion, Kinetic Boundaries, and Uniform Motion. Investigative Ophthalmology and Visual Science, 3913, 1999.

PUBLISHED ABSTRACTS (cont'd):

148. Parks MH, Morgan VL, Pickens DR, Price RR, Schlack HM, Martin PR. Cerebellar fMRI Studies of Alcohol-Induced Brain Injury. Seventh Scientific Meeting of the International Society for Magnetic Resonance in Medicine, 832, 1999.
149. Morgan VL, Mertz H, Pickens DR, Price RR, Tanner WG, Kessler R. Study of Irritable Bowel Syndrome Using Functional MRI. Seventh Scientific Meeting of the International Society for Magnetic Resonance in Medicine, 824, 1999.
150. Melzer P, Pickens DR, Price RR, Morgan VL, Wall RS and Ebner FF. Timing of Sensory Challenges Affects Cortical Activation During Braille Reading in the Visually Disabled: a fMRI Study. Soc. Neurosci, 25:1812, 1999.
151. Parks M, Morgan V, Pickens D, Price RR, Schlack H, Martin P. Functional MRI Studies of Motor Plasticity During Recovery of Alcohol-Induced Brain Injury with Abstinence. Alcoholism, Clinical and Experimental Research 23(5):66A, 1999.
152. Flanery MA, Chelton AL, Palmeri TJ, Morgan VL, Price RR, Pickens DR. Functional Brain Imaging of Novel Object Classification. Paper presented at 7th Annual Workshop on Object Perception and Memory, Los Angeles, CA, 1999.
153. Mertz H, Tanner G, Morgan V, Pickens D, Price R, Kessler R. Functional MRI Detects Activation of Anterior Cingulate and Prefrontal Cortex in IBS Patients But Not Controls During Rectal Pain. Gastroenterology 116(4):A1041, 1999.

154. Parks MH, Morgan VL, Price DR, Dietrich MS, Martin PR. Disrupted simple motor fronto-cerebellar circuits in chronic alcoholics demonstrated by fMRI. Alcoholism Clinical and Experimental Research 24(5):126A, 2000.
155. Mertz H, Morgan V, Tanner G, Pickens D, Price R, Shyr Y, Kessler R. The Effects of Psychologic Symptoms and Anticipation on Cerebral Activation During Rectal Pain in IBS and Controls. Gastroenterology 118:A844, 2000.
156. Flanery MA, Shelton AL, Palmeri TJ, Morgan VL, Price RR and Pickens DR. A Functional Brain Imaging Study of Perceptual Categorization. Paper presented at the 7th Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA, 2000.
157. Morgan VL, Pickens DR, Hartman SL, Price RR. Comparison of Functional MRI Image Realignment Tools Using a Computer Generated Phantom. Eighth Scientific Meeting of the International Society for Magnetic Resonance in Medicine, 848, 2000.
158. Morgan VL, Pickens DR, Hartmann SL, Riddle RR and Price RR. Software Phantom for Assessment of Functional MRI Realignment Algorithms. Radiology, Vol. 217(P):311, 2000.

PUBLISHED ABSTRACTS (cont'd):

159. Lee, H. Holburn GE, Price RR. In Vivo and In Vitro Proton NMR Spectroscopic Studies of Thiamine-Deficient Rat Brains. Journal of Magnetic Resonance Imaging 13:163-166, 2000.
160. Melzer P, Morgan VL, Pickens DR, Price RR, Wall RS and Ebner FF. Cortical Activation During Braille Reading is Influenced by Early Visual Experience in Subjects with Severe Visual Disability: A Correlation fMRI Study. Human Brain Mapping, 2001; 14(3):186-195.
161. Morgan, VL and Price RR. MRI Functional Connectivity to Distinguish Primary and Secondary Pathways. . *Ninth Scientific Meeting of the International Society for Magnetic Resonance in Medicine* 2001:1166.
162. Morgan, VL and Price RR. Dependence of Functional Connectivity on Functional State of the Brain. *Ninth Scientific Meeting of the International Society for Magnetic Resonance in Medicine* 2001:1194.
163. Morgan VL, Abou-Khalil B. Modur P, Wushensky C, Price RR. MRI Functional Connectivity to Lateralize Temporal Lobe Epilepsy. *Tenth Scientific Meeting of the International Society for Magnetic Resonance in Medicine* 2002: 1536.
164. Deane NG, Parker MA, Mithani S, Carter KJ, Dixon DA, Washington K, Lee H, Holburn G, Pickens D, Price R and Beauchamp D. Kinetics of Tumor

Progression in LFABP-Cyclin D1 Transgenic Mice. Published in the Proceedings of the 93rd Annual Meeting of the American Association for Cancer Research (AACR), Abstract #4254, Moscone Convention Center, San Francisco, CA, April 6-10, 2002.

165. Williams M, Riddle WR, and Price RR. Prostate MRI/MRS with Body/Surface Coils at 3T and 1.5T. Submitted for presentation at the 88th Annual Meeting of the Radiological Society of North America, Chicago, IL, December 2002.

166. Williams M, Riddle WR, and Price RR. Prostate MRI/MRS with Body/Surface Coils at 3T and 1.5T. Submitted for presentation at the National Medical Association Meeting to be held in Hawaii in August 2002.

167. Lavelly WC, Delbeke D, Price RR and Hallahan D. FDG-PET in the Management of Patients with Hodgkin's and Non-Hodgkin's Lymphoma. Accepted as an Oral Presentation at the 44th Annual American Society of Therapeutic Radiology and Oncology Meeting, New Orleans, Louisiana, October 2002.

168. Reese MF, Stabin M, Price RR, Hernanz-Schulman M, Stein SM, Heller RM. Effect of Simulated mAs Reduction on Subjective Image Quality and Detection of High and Low-Contrast Structures on Two Multislice Scanners. Accepted for presentation at the 88th Annual Meeting of the Radiological Society of North America, Chicago, IL, December 2002.

PUBLISHED ABSTRACTS (cont'd):

169. Deane NG, Lee H, Price R, Chaurand P, Hill S, Friedman D, Caprioli R, Beauchamp RD. "Profiling Tumor Progression in a Mouse Model of Hepatocellular Carcinoma". Short Oral Presentation for the 3rd **International Symposium on Current Technologies for Gene Expression Analysis, Nashville, TN, October 12-15, 2002.**

170. Williams MC, Riddle WR and Price RR. "Prostate MRI/MRS with Body/Surface Coils at 3T and 1.5T", Presented at the National Medical Association Annual Convention and Scientific Assembly, August 3-8, 2002.

171. Deane NG, Lee H, Price R, Washington MK, Thorgeirsson S, Beauchamp DR. "Transgenic Mice Expressing Both TGF β and Cyclin D1 Transgenes in Hepatocytes Exhibit Increased Liver Tumors". **94th Annual Meeting of the American Association of Cancer Research, Toronto, Canada, April 5-9, 2003 (Postponed due to SARS).**

172. Williams MC, Lavelly WC, Andal R, Price RR, Teng M. "Correlation of Diffusion-Weighted Magnetic Resonance Imaging with Clinical Stage and Progression of Prostate Cancer". Submitted to the 45th Annual Meeting of the American Society of Therapeutic Radiology and Oncology (ASTRO) 2003.

173. Green-Jarvis B, Price R, Lee H, Williams M, Jacobs P, and Lin C. "MRI Assessment of Tumor Microvasculature". Submitted to the World Congress 2003.

EXHIBITS:

1. Touya JJ, Lee GS, Brill AB, Price RR, Patton JA, and Jones JP: "Monitoring of Renal Transplantation", National Medical Association Annual Meeting, Nashville, Tennessee, 1976.
2. Price RR, Wagner J, Larsen KH, Stokes T, Patton JA, and Brill AB: "The Applications of Gd-153 to Static and Dynamic Transmission Studies", ERDA Symposium on X- and Gamma-Ray Sources and Applications, Ann Arbor, Michigan, May 19-21, 1976.
3. Brill AB, Patton JA, Erickson JJ, Price RR, McClain WJ, and Maskewitz B: "Computers in Nuclear Medicine", Teaching Exhibit presented at the 24th Annual Meeting of the Society of Nuclear Medicine, June 20-23, 1977, Chicago, Illinois.
4. Price RR, Erickson JJ, Patton JA, Jones JP, Lagan JE, and Rollo FD: "Applications of Computers in Nuclear Medicine", Teaching Exhibit (Bronze Medal) 25th Annual Meeting, Society of Nuclear Medicine, June 27-30, 1978, Anaheim, California.
5. Patton JA, Price RR, and Rollo FD: Properties and Clinical Applications of Collimators in Nuclear Medicine, Teaching Exhibit presented at the 25th Annual Meeting of the Society of Nuclear Medicine, Anaheim, California, June 27-30, 1978.

EXHIBITS (cont'd):

6. Touya JJ, Price RR, Patton JA, Erickson JJ, Jones JP, Goddard J, Wolfe O, Novak GR, and Rollo FD: Gated Regional Spirometry, Second International Congress of World Federation of Nuclear Medicine and Biology, Washington, DC, September 17-21, 1978.
7. Erickson JJ, Price RR, Patton JA, Jones JP, Rollo FD, and Brill AB: "Factors Influencing the Performance of Nuclear Medicine Computer Systems", 26th Annual Meeting of the Society of Nuclear Medicine, June 25-29, 1979, Atlanta, Georgia.
8. Patton JA, Price RR, Erickson JJ, Brill AB, and Rollo FD: Techniques for Evaluation of Imaging Devices, 26th Annual Meeting of the Society of Nuclear Medicine, Atlanta, Georgia, June 26-29, 1979.
9. Touya JJ, Price RR, Patton JA, Erickson JJ, Jones JP, and Rollo FD: Gated Regional Spirometry, 26th Annual Meeting of the Society of Nuclear

Medicine, Atlanta, Georgia, June 26-29, 1979 (Bronze Medal).

10. Jones TB, Price RR, and James AE: Computer Assisted Volumes from B-Mode Ultrasonography. 65th Annual Meeting of the Radiological Society of North America, November 1979, Atlanta, Georgia.
11. Rollo FD, Price RR, Patton JA, Erickson JJ, and Touya JJ: A Dynamic Cardiac Phantom for Quality Control Testing of Gated Acquisition Systems. International Symposium on Medical Radionuclide Imaging, sponsored by the IAEA and WHO in Heidelberg, Germany, September 1-5, 1980.
12. Pickens DR, Price RR, Patton JA, Erickson JJ, Partain CL, Touya JJ, and Rollo FD: Digital Tomography and Image Processing with an Emission Focal Plane Scanner. Symposium on Clinical Use of Emission Tomography sponsored by the Bureau of Radiological Health, HEW, and the American College of Nuclear Physicians, Washington, DC, March 9-12, 1980.
13. Patton JA, Price RR, Pickens DR, Rollo FD, and Partain CL: X-Ray Fluorescence Tomography. International Symposium on Medical Radionuclide Imaging sponsored by the International Atomic Energy Agency, Heidelberg, Germany, September 1-5, 1980.
14. Pickens DR, Price RR, Patton JA, Erickson JJ, Partain CL, Touya JJ, and Rollo FD: Digital Tomography with an Emission Focal Plane Scanner. Presented at the Annual Meeting of the Radiological Society of North America, Dallas, Texas, November 16-21, 1980 (Certificate of Merit).
15. Partain CL, Rollo FD, Price RR, Patton JA, Erickson JJ, Novak G, and James AE: Nuclear Magnetic Resonance (NMR) Imaging. 66th Annual Meeting of the Radiological Society of North America, Dallas, Texas, November 16-21, 1980.

EXHIBITS (cont'd):

16. Patton JA, Price RR, Pickens DR, Rollo FD, Partain CL and Brill AB: Techniques for Simultaneous X-Ray Fluorescence and Emission Tomography. 66th Annual Meeting of the Radiological Society of North America, Dallas, Texas, November 16-21, 1980.
17. Erickson JJ, Price RR, Rollo FD, Gerlock J, and Partain CL: A Digital Radiographic Analysis System. 66th Annual Meeting of the Radiological Society of North America, Dallas, Texas, November 16-21, 1980.
18. Price RR, Rollo FD, Steckley R, Patton JA, Erickson JJ, and Touya JJ: A New Phantom for Quality Control of Multiple Gated Acquisition Systems. 66th Annual Meeting of the Radiological Society of North America,

Dallas, Texas, November 16-21, 1980.

19. Price RR, Erickson JJ, Jones TB, Fleischer AC, Partain CL, and James AE: A Digital Signal and Image Processing System for Ultrasonography. 25th Annual Convention American Institute of Ultrasound in Medicine, New Orleans, Louisiana, September 1980.
20. Patton JA, Price RR, Partain CL, and Brill AB: Functional Thyroid Imaging. 28th Annual Meeting of the Society of Nuclear Medicine, Las Vegas, Nevada, June 16-19, 1981.
21. Partain CL, Price RR, Stewart RG, Stephens WH, Patton JA, Erickson JJ, Pickens DR, Gibbs SJ, James AE Jr: Nuclear Magnetic Resonance (NMR) Imaging and Diagnostic Chemistry. 28th Annual Meeting of the Society of Nuclear Medicine, Las Vegas, Nevada, June 16-19, 1981.
22. Creasy JL, Price RR, Lorenz CH, Puffer DB, Pickens DR, and Kessler RM: Perfusion and Diffusion Imaging: Explanation of Techniques and Comparison of Imaging Methods. 74th Meeting of the Radiological Society of North America, November 27-December 2, 1988.
23. Lum AP, Powers TA, Lorenz CH, Graham TP, Price RR, and Partain CL: MR Cardiac Cine: Clinical Applications. International Congress of Radiology, Paris, France, July 1989.
24. Pickens DR, Lorenz CH, Puffer DB, Price RR, and Creasy JL: MR Flow and Perfusion. International Congress of Radiology, Paris, France, July 1989.
25. Creasy JL, Price RR, Kessler R: Paramagnetic Enhancement in MR Angiography: Effects on Blood and Gadolinium. RSNA, 75th Annual Meeting, Chicago, 1989.
26. Creasy J, Powers TA, Presbrey T, Price RR, Pickens DR and Partain CL: MR Angiography: Clinical Experience. 17th International Congress of Radiology, Paris, France, 1989 (honorable mention).
27. Lee H, Price RR and Pickens DR: Dynamic MR Imaging with Variable TR/TE Sequences. Radiology, Vol. 193(P), p. 330, 1994.

EXHIBITS (cont'd):

28. Lee H, Price RR, Lorenz CH, Auther L, Riddle WR and Creasy JL: Functional MR Imaging of the Auditory Cortex. Radiology, Vol. 193(P), p. 428, 1994.
29. Lee H and Price RR: MR Angiography with Variable TR Sequences. Proc. Society of Magn Resonance (Vol. 2), p. 955, San Francisco, ISSN 1065-1089, 1994.

30. Morgan VL, Lorenz CH and Price RR: Linear Optimization Techniques Applied to MR Phase Contrast Blood Flow Measurements. Proc. Society of Magn. Resonance (Vol. 2), p. 987, San Francisco, ISSN 1065-9889, 1994.
31. Pickens DR, Lee H, Holburn GE, Blount S, Price RR: Multisection Volumetric Diffusion-Weighted Imaging of Acute Stroke. Radiology, Vol. 193(P), p. 427, 1994.
32. Riddle WR, Creasy JL, Price RR. Quality Assurance for Fat-Saturation MR Imaging. Radiology, (P):451, 1995.
33. Riddle WR, Price RR, Butler MG, Ewing S. Radiologic Assessment of Body Composition in Patients with Prader-Willi Syndrome. Radiology 201(P):529, 1996.
34. Riddle WR, Price RR. Quantifying Visceral and Subcutaneous Fat with MR Imaging. Radiology 209(P):582, 1998.
35. Pickens DR, Price RR, Bruno MA, Partain CL, Riddle WR. Clinical and Physical Evaluation of an Amorphous Silicon X-Ray Imaging System Suitable for Extremity Imaging, Radiology 213(P):503, 1999.
36. Price RR, Pickens DR, Morgan VL, Fitzpatrick JM, Dawant B, Brill AB: Online Position Tracking for fMRI Motion Correction. Radiology 213(P):503, 1999.
37. Morgan VL, Pickens DR, Hartmann SL, Riddle WR, Price RR. Software Phantom for Assessment of Functional MRI Realignment Algorithms. Radiology 217(P):311, 2000.
38. Price RR, Donnelly EF, Pickens DR. Radiation Dose and Image Quality in Polychromatic Phase-Contrast Radiography. American Association of Physicists in Medicine Annual Meeting, Salt Lake City, July 22-26, 2001.
39. **Donnelly EF, Price RR, Pickens DR. Poster presentation, Radiological Society of North America Annual Meeting. Chicago, IL. November 25-30, 2001.**
40. Williams MC, Riddle WR and Price RR. "Prostate MRI/MRS with Body/Surface Coils at 3T and 1.5T", Presented at the National Medical Association Annual Convention and Scientific Assembly, August 3-8, 2002.

EXHIBITS (cont'd):

41. **Lavelly WC, Delbeke D, Price RR and Hallahan D. FDG-PET in the Management of Patients with Hodgkin's and Non-Hodgkin's Lymphoma. Accepted as Poster Presentation at**

the 20th Annual Vanderbilt University Research Forum, Nashville, TN, April 2002.

42. Morgan V, Abou-Khalil B, Modur P, Wushensky C, and Price RR. MRI Functional Connectivity to Lateralize Temporal Lobe Epilepsy. Accepted as Poster Presentation at the Tenth Scientific Meeting and Exhibition of the International Society for Magnetic Resonance in Medicine, Honolulu, Hawaii, May 2002.

AUDIOVISUAL CONTINUING EDUCATION LECTURES (Invited)

1. Price RR. Extensions to nuclear magnetic resonance imaging and quality assurance. Society of Nuclear Medicine, Chicago, 1985. 70 slides with cassette tape.
2. Price RR, Practical Aspects of MR Imaging Quality Assurance, RSNA, Chicago, 1987, 66 slides with cassette tape.
3. Price RR, Contrast Mechanisms in Gradient-Echo Imaging and an Introduction to Fast Imaging, Radiological Society of North America, 1995, 40 slides and booklet.