

Donald J. Peck

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Education

Oakland University, Rochester, Michigan; PhD, Medical Physics	1999
Wayne State University, Detroit, Michigan; MS, Radiological Physics	1992
Oakland University, Rochester, Michigan; BS, Medical Physics	1989

Professional Appointments

Henry Ford Health System, Detroit, Michigan

1989 - 2020

Senior Staff Medical Physicist - Contract	2017 - 2020
Vice Chair - Department of Radiology, Imaging Physics and Research	2011 - 2017
Director, Diagnostic Imaging Physics Residency Program	2007 - 2017
Radiation Safety Officer	2000 - 2017
Division Head, Physics - Department of Radiology	1998 - 2017
Senior Staff Medical Physicist	1994 - 1998
Senior Research Assistant, research in signal processing and image analysis	1988 - 1994

Michigan Technological University

2015 - present

Research Associate Professor, College of Computing	2021 - present
Professor of Practice, College of Computing	2017 - 2021
Adjunct Assistant Professor, School of Technology	2015 - 2017

Professional Society Activities

American Association of Physicist in Medicine (AAPM)

Education Council (member)	2006 - 2007
Medical Physics Education of Allied Health Professionals (Chair/member)	1998 - 2007
Task Group 115, Educator's Resource Guide (Chair)	2004 - 2008
Task Group 153, Digital Radiography Glossary (Chair)	2007 - 2010
Medical Physics Education of Physicians (member)	2003 - 2017
Physics in Radiology Curriculum Subcommittee (member)	2006 - 2008
Imaging Physics Residency Workgroup (member)	2013 - 2017
Imaging Physics Curriculum Subcommittee (member)	2006 - 2014
Subcommittee on Medical Physicists as Educators (member)	2009 - 2013
Task Group 231, Cognitive Science and Education Resources (member)	2012 - 2013
Working Group on Periodic Review of Medical Physics Residency Training (member)	2010 - 2017
Working Group on Coordination of Medical Physics Residency Programs (member)	2010 - 2017
Imaging Physics Residency Working Group (member)	2012 - 2017
Science Council (member)	2012 - 2019
Work Group on DICOM Coordination (Chair, member)	2012 - 2023
Work Group on IEC Coordination (Chair, member)	2014 - 2016
Working Group on Improving the Task Group Report Process (member)	2016 - 2023
Imaging Physics Committee (Chair/Vice Chair/member)	2008 - 2017
Task Group No. 246 Task Group on Patient Dose from Diagnostic Radiation (member)	2012 - 2017
Radiography and Fluoroscopy Subcommittee (Chair/member)	2005 - 2011
Task Group 116, DR Exposure Index Task Group (member)	2005 - 2009
Task Group 150, Acceptance Testing of Digital Radiographic Systems (member)	2007 - 2023
Task Group 151, Radiographic System Quality Control (member)	2008 - 2015
AAPM Board of Directors (member)	2012 - 2015
Finance Committee (member)	2012 - 2015

American Board of Radiology (ABR)

Diagnostic Radiologist Certifying Exam - Physics Oversight Committee (Chair)	2011 – 2014
Physicist Maintenance of Certification (MOC) Exam Committee (member)	2012 – 2014
Physics of Diagnostic Radiology Written Exam Committee for Radiologists (member)	2007 – 2011
Diagnostic Radiology Exam Question Writer	2002 – 2015

American College of Radiology (ACR)

ITIC Standards and Interoperability Sub Committee (member)	2011 – 2017
Committee on DICOM Standards (member)	2005 – 2011
Image Wisely Executive Committee (member)	2012 – 2016

American Registry of Radiologic Technologist (ARRT)

Mammography Examination Committee (member)	1997 – 2001
Radiography Examination Committee (member)	2003 – 2007

Digital Imaging and Communication in Medicine (DICOM)

DICOM Standards Committee (DSC) (member)	2011 – 2023
Working Group 28 (WG28) - Physics (Chair)	2011 – 2023
Working Group 02 (WG02) - Projection Radiography and Angiography (member)	2009 – 2023
Working Group 11 (WG11) - Display Function Standard (member)	2005 – 2023
Working Group 17 (WG17) - 3D (member)	2005 – 2008

Great Lakes Chapter of the American Association of Physicist in Medicine (GLAAPM)

Liaison to Michigan Department of Community Health, Radiation Safety Section	2001 – 2012
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International Society for Optics and Photonics (SPIE)

1992 – present

International Society of Magnetic Resonance in Medicine (ISMRM)

1992 – 2017

Michigan Certificate of Need Commission - New Medical Technology Advisory Committee 2008 – 2017**Michigan Radiological Society (MRS)**

1992 – 2017

Radiological Society of North America (RSNA)

Vice Chairs of Research (member)	2011 – 2017
Imaging Communication Network (ICN) (member)	2013 – 2016
Public Information Advisors Network (PIAN) (member)	2013 – 2017

Society for Imaging Informatics in Medicine (SIIM)

2010 – 2021

Certifications and Honors

Wayne State University School of Medicine, Medical Physics - Distinguished Alumni Award	2016
American Association of Physicists in Medicine – Fellow	2011
American College of Radiology – Fellow	2011
FDA - Mammography Physicist Authorization	1999
American Board of Radiology - Diagnostic Radiological Physics Certification	1995
Michigan Department of Community Health - Mammography Physicist Authorization	1993

Teaching

Michigan Technological University	
College of Computing, Department of Applied Computing, , Health Informatics	2019 – 2021
School of Technology, Health Informatics	2015 – 2019
Henry Ford Hospital, Detroit, Michigan	
Diagnostic Radiology Residency Program, imaging physics courses (faculty)	1992 – 2016
Radiologic Technology School, imaging physics and radiation safety courses (faculty)	1995 – 2016
Diagnostic Medical Sonography School, ultrasound imaging physics courses (faculty)	2000 – 2016
Allied Health Professionals, radiation safety courses (faculty)	2000 – 2016
Wayne State University, Detroit, Michigan	
Adjunct Instructor, Medical Physics Graduate Program	1994 – 2012
Curriculum and Evaluations Committee, Medical Physics Graduate Program, (member)	2008 – 2012
Student Advisory Committee, Medical Physics Graduate Program, (member)	2000 – 2007
American College of Radiology (ACR)	
CDC/ACR Cooperative Agreement for QA Activities in Mammography (faculty)	1993 - 1994

Grants, Contracts and Other Funding

- NASA Research and Technology Development to Support Crew Health and Performance in Space Exploration Missions, PI: S Dulchavsky 2010 – 2014
- NCC9-59-387 NASA Intuitive Ultrasound Catalog Grant for Autonomous Medical Care
PI: S Dulchavsky 2008 – 2011
- NIH 2U01-CA62432 New Applications in Brain Tumor Therapy
PI: T Mikkelsen 1998 – 2002 and 2004 – 2008
- ACRIN CA80098-05 Protocol 6662 Semi-Automated Calculation of Volumes of Enhancing Tumor and Tumor Plus Edema from Routine MR Images In Patients with Malignant Gliomas
PI: B Ertl-Wagner 2002 – 2003
- NIH-NCRR 1S10RR013041-01A1, Upgrade of the Research Image Analysis Laboratory
PI: **D Peck** 1999 – 2000
- NIH-NCI 5R01-CA046124-06, Eigenimage Filtering of NMR Image Sequences
PI:**D Peck** 1998-2000
- NIH-NINDS NS23393, Center for Stroke Research – Core B
PI: Chopp 1995-2000

Journal Reviewer

Medical Physics Journal	1999 – 2014
Associate Editor	2005 – 2014
American Journal of Roentgenology (AJR)	1998 – 2015
Journal of Applied Clinical Medical Physics (JACMP)	2009 – 2014
Board of Editors (member)	2010 – 2014
Associate Editor	2010 – 2014
Magnetic Resonance in Medicine Journal	2001 – 2005

Books/Chapters Published

1. Järvinen, H, Karoussou, A, Kortesianiemi, M, Loose R, O'Donnell K, Peck D, Perez M, Rehani M, Samei E, Shannoun F, Trianni A, Tsapaki V, Vano E, Vassileva J, Zanca F, International Atomic Energy Agency, Patient Radiation Exposure Monitoring in Medical Imaging, Safety Reports Series No. 112, IAEA, Vienna 2023 ISBN-978-92-0-149222-7
2. Peck D, Chapter 24 Clinical Practice in Imaging Informatics; in Clinical Imaging Physics: Current and Emerging Practice, edited by Samei E, Pfeiffer D. Hoboken, NJ: John Wiley & Sons. 2020. Pages 413-428. ISBN-13: 978- 1118753453
3. Samei E, Peck D, Hendee's Physics of Medical Imaging. 5th ed. Hoboken, NJ: John Wiley & Sons, Inc. 2019. DOI: 10.1002/9781118671016

Peer Reviewed Publications

1. Jones, AK, Heintz, P, Geiser, W, Goldman, L, Jerjian, K, Martin, M, Peck, D, Pfeiffer, D, Ranger, N, Yorkston, J; Ongoing quality control in digital radiography: Report of AAPM Imaging Physics Committee Task Group 151, Medical Physics, 42(11), 6658-6670, 2024. DOI 10.1118/1.4932623
2. Enrico S, Li C, Yala A, Peck D, Sooma R, Fardi N, Mamshad I, Tang, R Lanahan R, Barzilay R, Hughes K; "Do Neural Information Extraction Algorithms Generalize across Institutions?", JCO Clinical Cancer Informatics, 3: 1-8, 2019.
3. Jones A, Dave J, Fisher R, Hulme K, Rill L, Zamora D, Woodward A, Brady S, MacDougall R, Goldman L, Lang S, Peck D, Apgar B, Shepard S, Uzenoff R, Willis C; "Current State of Practice Regarding Digital Radiography Exposure Indicators and Deviation Indices: Report of AAPM Imaging Physics Committee Task Group 232", Med Phy 45(11): e1146-e1160, 2018.
4. Jones AK, Heintz P, Geiser W, Goldman L, Jerjian K, Martin M, Peck D, Pfeiffer D, Ranger N, Yorkston J; "Ongoing quality control in digital radiography: Report of AAPM Imaging Physics Committee Task Group 151", Med Phy 42(11): 6658-6670, 2015
5. Sechopoulos I, Trianni A, Peck D; "The DICOM Radiation Dose Structured Report: What It Is and What It Is Not", JACR, 12(7): 712-713, 2015.
6. Prisciandaro J, Willis C, Burmeister J, Clarke G, Das R, Esthappan J, Gerbi B, Harkness B, Patton J, Peck D, Pizzutiello R, Sandison G, White S, Wichman B, Ibbott G, Both S: "Essentials and Guidelines for Clinical Medical Physics Residency Training Programs: Executive Summary of AAPM Report Number 249" JACMP 15(3), 4-13, 2014
7. Norweck JT, Seibert JA, Andriole KP, Clunie DA, Curran BH, Flynn MJ, Krupinski E, Lieto RP, Peck DJ, Main TA: "ACR-AAPM-SIIM Technical Standard for Electronic Practice of Medical Imaging", J Digit Imaging 26(1): 38-52 2013.
8. Peck D, Rauch P, Bonnett J: "RSNA/AAPM Online Physics Modules: X-Ray Tubes and Spectra", Radiological Society of North America (RSNA) and American Association of Physicist in Medicine (AAPM) at <http://physics.rsna.org/default.asp>, 2011.
9. Peck D, Applegate K, Slovis T: "RSNA/AAPM Online Physics Modules: Radiation Risks", Radiological Society of North America (RSNA) and American Association of Physicist in Medicine (AAPM) at <http://physics.rsna.org/default.asp>, 2010.
10. Shepard SJ, Flynn M, Gingold E, Goldman L, Krugh K, Leong DL, Mah E, Ogden K, Peck D, Samei E, Wang J, Willis C: "An exposure indicator for digital radiography: AAPM Task Group 116 , (Executive Summary)", Med Phys 36(7): 2898-2914, 2009
11. Ertl-Wagner BB, Blume JD, Peck D, Udupa JK, Herman B, Levering A, Schmalfluss IM; Members of the American College of Radiology Imaging Network 6662 Study Group.: "Reliability of tumor volume estimation from MR images in patients with malignant glioma, results from the American College of Radiology Imaging Network (ACRIN) 6662 Trial". Eur Radiol., 19(3): 599-609, 2009.
12. Brown SL, Freytag SO, Barton KN, Flynn MJ, Peck DJ, Dragovic AF, Jin R, Yeni YN, Fyhrie DP, Les CM, Zhu G, Kolozsvary A, Pitchford WC, Nathanson SD, Fenstermacher JD, Kim JH: "Reporter Gene Imaging using Radiographic Contrast from Nonradioactive Iodide Sequestered by the Sodium-Iodide Symporter." Contrast Media & Molecular Imaging, 2, 240-247, 2007.
13. Kahn CE, Carrino JA, Flynn MJ, Peck DJ, Horii SC: "DICOM and Radiology: Past, Present and Future" JACR, 4 (9), 2007

14. Arbab AS, Rad AM, Iskander AS, Jafari-Khouzani K, Brown SL, Chrchman JL, Ding G, Jiang Q, Frank JA, Soltanian-Zadeh H, Peck DJ: "Magnetically Labeled Sensitized Splenocytes to Identify Glioma by MRI: A Preliminary Study" *MRM*, 58: 519-526, 2007.
15. Soltanian-Zadeh H, Peck DJ, Hearshen DO, Lajiness-O'Neill, RR: "Model-Independent Method for fMRI Analysis" *IEEE Tran Med Imag*, 23(3): 285-296, 2004
16. Soltanian-Zadeh H, Peck DJ: "Feature Space Analysis: Effects of MRI Protocols" *Med Phy* 28(11): 2344-2351, 2001.
17. Mah E, Samei E, Peck DJ: "Evaluation of a Quality Control Phantom for Digital Chest Radiography" *JACMP* 2(2): 90-101, 2001. Winner of RIT Award for Excellence for the best diagnostic imaging paper.
18. Jacobs MA, Zhang ZG, Knight RA, Soltanian-Zadeh H, Goussev AV, Peck DJ, Chopp M: "A Model for Multiparametric MRI Tissue Characterization in Experimental Cerebral Ischemia with Histological Validation in Rat: Part 1" *Stroke*, 32: 943-949, 2001.
19. Jacobs MA, Mitsias P, Soltanian-Zadeh H, Santhakumar S, Ghanei A, Hammond R, Peck DJ, Chopp M, Patel S: "Multiparametric MRI Tissue Characterization in Clinical Stroke with Correlation to Clinical Outcome: Part 2" *Stroke*, 32: 950-957, 2001.
20. Jacobs MA, Knight RA, Soltanian-Zadeh H, Zheng ZG, Goussev AV, Peck DJ, Windham JP, Chopp M. "Unsupervised Segmentation of Multiparameter MRI in Experimental Cerebral Ischemia with Comparison to T2, Diffusion, and ADC MRI parameters and Histopathological Validation." *J Mag Reson Imaging* 11(4) 425-437, 2000
21. Jacobs M, Knight R, Windham J, Zheng Z, Peck DJ, Goussev A, Chopp M: "Identification of a Cerebral Ischemic Lesion using Eigenimage Filtering" *Brain Research*, 83 (1-2): 83-94, 1999.
22. Jacobs M, Windham J, Soltanian-Zadeth H, Peck DJ, Knight,R: "Registration and Warping of Magnetic Resonance Images to Histological Sections." *Med Phys* 26(8), 1568-1578, 1999.
23. Nagesh V, Welch K, Windham J, Patel S, Levine S, Hearshen D, Peck DJ, Robbins K; D'Olhaberriague L, Soltanian-Zadeh H; Boska M: "Time Course of ADCw Changes in Ischemic Stroke: Beyond the Human Eye!" *Stroke* 29(9): 1778-1782, 1998.
24. Soltanian-Zadeh H, Peck DJ, Windham J, Mikkelsen T: "Brain Tumor Segmentation and Characterization by Pattern Analysis of Multispectral NMR Images." *NMR Biomed* 11: 201-208, 1998.
25. Soltanian-Zadeh H, Windham J, Peck DJ, Mikkelsen T: "Feature Space Analysis of MRI." *MRM* 40: 443-453, 1998.
26. Jiang Q, Chopp M, Zhang Z, Knight R, Jacobs M, Windham J, Peck DJ, Ewing J, Welch K: "The Temporal Evolution of MRI Tissue Signatures After Transient Middle Cerebral Artery Occlusion in Rat." *J Neuro Sci* 145: 15-23, 1997.
27. Peck DJ, Windham J, Emery L, Soltanian-Zadeh H, Hearshen D, Mikkelsen T "Cerebral Tumor Volume Calculations Using Planimetric and Eigenimage Analysis." *Med Phys* 23(12): 2035-2042, 1996.
28. Soltanian-Zadeh H, Windham J, Peck DJ: "Optimal Linear Transformation for MRI Feature Extraction." *IEEE Trans Med Imag* 15(6): 749-767, 1996.
29. Welch K, Windham J, Knight R, Nagesh V, Hugg J, Jacobs M, Peck DJ, Booker P, Dereski M, Levine S: "A Model to Predict the Histopathology of Human Stroke Using Diffusion and T2-Weighted MRI." *Stroke* 26: 1983-1989, 1995.
30. Peck DJ, Windham J, Soltanian-Zadeh H, Roebuck J: "A Fast and Accurate Algorithm for Volume Determination in MRI." *Med Phys* 19(3): 599-605, 1992.
31. Peck DJ, Spickler E, Knight R, Hearshen D, Windham J: "Analysis of the Evolution of Focal Cerebral Ischemia in the Rat Using Eigenimage Filtering." *J Magn Reson Med* 26:259-273, 1992.
32. Soltanian-Zadeh H, Windham J, Peck DJ, Yagle A: "A Comparative Analysis of Several Transformations for Enhancement and Segmentation of MRI Scene Sequences." *IEEE Trans Med Imag* 11(3): 302-318, 1992.
33. Knight R, Ordidge R, Helpert J, Chopp M, Rodolosi L, Peck DJ: "Temporal Evolution of Ischemic Damage in Rat Brain by Proton Nuclear Magnetic Resonance Imaging". *Stroke* 22(6): 802-808, 1991.

Invited Presentations/Publications

1. Peck, D "Keynote Speaker: Medical informatics; where's the data and how can it be used" Presented at World Congress on Medical Physics and Bioengineering, Prague, Czech Republic, 2018
2. Peck, D "DICOM and IHE standards" Presented at European Congress of Radiology (ECR), Vienna Austria, 2016

3. Peck D, "Information Management and Display 1.0" Presented at 101st Annual Radiological Society of North America (RSNA), Chicago, IL 2015
4. Peck, D "DICOM and IHE standards" Presented at European Congress of Radiology (ECR), Vienna Austria, March 2015
5. Peck D, "Information Management and Display 1.0" Presented at 100th Annual Radiological Society of North America (RSNA), Chicago, IL 2014
6. Peck, D "Informatics Management 1.0 to 2.0" Presented at 56th Annual Meeting of the American Association of Physicists in Medicine (AAPM), Austin TX 2014
7. Peck, D "Radiation Risk and its Uncertainties", Presented at 56th Annual Meeting of the American Association of Physicists in Medicine (AAPM), Austin TX 2014
8. Peck, D, Pasciak A, "Balancing Image Quality and Dose in Radiography", Presented at 56th Annual Meeting of the American Association of Physicists in Medicine (AAPM), Austin TX 2014
9. Peck, D "Image Wisely", Presented at 2014 Annual Spring Meeting of the Central Chapter - SNMMI, Ann Arbor, MI 2014
10. Peck, D "DICOM and IHE standards" Presented at European Congress of Radiology (ECR), Vienna Austria, March 2014
11. Trianni, A, Peck D, "What is the truth in talking on radiation risk?" Presented at European Congress of Radiology (ECR), Vienna Austria, March 2014
12. Peck D, Flynn M, "Information Management and Display 1.0" Presented at 99th Annual Radiological Society of North America (RSNA), Chicago, IL 2013
13. Clunie D, Peck D, "Imaging Informatics: Radiation Dose Structured Reports", Presented at 55th Annual Meeting of the American Association of Physicists in Medicine (AAPM), Indianapolis, IN 2013
14. Supanich M, Peck D, "Size-Specific Dose Estimate as an Indicator of Absorbed Organ Dose in CT Abdomen and Pelvis Studies", Presented at 98th Annual Radiological Society of North America (RSNA), Chicago, IL 2012.
15. Peck D, Flynn M, "Informatics 1: DICOM and the QMP" Presented at 54th Annual Meeting of the American Association of Physicists in Medicine (AAPM), Charlotte, NC 2012.
16. Peck D, "Clinical Experience of Quality, Safety, and Achieving ACR Accreditation in Diagnostic Imaging", Presented at SEAAPM Symposium, Atlanta GA 2012.
17. Peck D, Samei, E, "Image Wisely - How to Understand and Communicate Radiation Risk", <http://www.imagewisely.org/> >Imaging Professionals>Medical Physicists, 2010.
18. Willis C, Jones A, Flynn M, Peck D, Shepard S, "Adapting Traditional Clinical Medical Physics to Digital Radiography" Presented at 51st Annual Meeting of the American Association of Physicists in Medicine (AAPM), Anaheim CA 2009.
19. Willis C, Jones A, Shepard S, Peck D, "Adapting Traditional Clinical Medical Physics to Digital Radiography" Presented at 50th Annual Meeting of the American Association of Physicists in Medicine (AAPM), Houston, TX, 2008.
20. Flynn M, Peck D, "Current DICOM Topics - Mammo and CD" Presented at 50th Annual Meeting of the American Association of Physicists in Medicine (AAPM), Houston, TX, 2008.
21. Peck D, Flynn M, "Current DICOM Topics - 3D and Compression" Presented at 50th Annual Meeting of the American Association of Physicists in Medicine (AAPM), Houston, TX, 2008.
22. Peck D, Flynn M, "DICOM Enhancements: Current and Future" Presented at 49th Annual Meeting of the American Association of Physicists in Medicine (AAPM), Minneapolis, MN 2007.
23. Peck D, "Workflow and PACS", Presented at SEAAPM Symposium, Atlanta GA 2007.
24. Peck D, Flynn M, "Physics Case of the Day" Presented at 92nd Annual Radiological Society of North America (RSNA), Chicago, IL 2006.
25. Peck D: "Quality Assessment Procedures for Digital Radiography", Presented at 48th Annual Meeting of the American Association of Physicists in Medicine (AAPM), Orlando, FL 2006.
26. Peck D, "Digital Imaging Display for Mammography" Presented at Annual Meeting of Conference of Radiation Control Program Directors (CRCPD), Detroit, MI 2006.
27. Peck D, "Digital Imaging - Acquisition to Display" Presented at Annual Meeting of Illinois Radiology Administrators, Chicago, IL 2006.
28. Peck D, "AAPM-RSNA Equipment Selection Tutorial on Digital Radiography" Presented at 91st Annual Radiological Society of North America (RSNA), Chicago, IL 2005.

29. Peck D, Flynn M: "The Role of the Physicist in Planning and Design of Digital Image Management Systems", Presented at 47th Annual Meeting of the American Association of Physicists in Medicine (AAPM), Seattle WA 2005.
30. Peck D, Morin R, Shepard, SJ, Flynn M: "The Role of the Medical Physicist in the Digital Era", Presented at 46th Annual Meeting of the American Association of Physicists in Medicine (AAPM), Pittsburgh, PA 2004.
31. Peck D, Kruger R: "AAPM/RSNA Basic Physics Lecture for Radiologic Technologist: Understanding Patient Radiation Dose", Presented at 89th Annual Radiological Society of North America (RSNA), Chicago, IL 2003.
32. Peck D: "Medical Physicist Educational Resources of Interest to Radiological Science Educators" Radiologic Science and Education, 7(1) 18-24, 2002.
33. Peck D: "Segmentation and Quantitative Analysis" Presented at the ISMRM Workshop on MR in Experimental and Clinical Cancer Research, Geiranger, Norway, 2000.

Presentations, Abstracts and Proceedings

1. Jones A, Dave J, Fisher R, Hulme K, Rill L, Zamora D, Woodward A, Brady S, MacDougall R, Goldman L, Lang S, Peck D, Apgar B, Shepard S, Uzenoff R, Willis C, "Distribution of the Deviation Index (DI) in Digital radiography Practices Across the United States", Presented at 58th Annual Meeting of the American Association of Physicists in Medicine (AAPM), Washington DC, 2016
2. Bevins N, Flynn M, Peck D, "Open Source Software Solutions for Monitor Calibration and Quality Control" Presented at 100th Annual Radiological Society of North America (RSNA), Chicago, IL 2014
3. Torresin R, Triannia A, Peck D, "Summary report on the work of the DICOM 28 Physics Working Group", Presented at The International Conference on Medical Physics, Brighton, UK 2013
4. Triannia A, Peck D, Torresinc A, Padovania R, "The Need to Foster Collaboration Between medical Physicists and manufacturers Through Standards in the Area of Radiation protection of Patients" Presented at IAEA International Conference on Radiation Protection in Medicine - Setting the Scene for the Next Decade, Bonn Germany, 2012
5. Supanich M, Peck D, "Size-Specific Dose Estimate as an Indicator of Absorbed Organ Dose in CT Abdomen and Pelvis Studies", Presented at 98th Annual Radiological Society of North America (RSNA), Chicago, IL 2012
6. Blechinger J, Harkness B, Peck D, Jackson A, "Lung Scan Doses for Young and Pregnant Women with Suspected Pulmonary Embolism" Presented at 50th Annual Meeting of the American Association of Physicists in Medicine (AAPM), Houston, TX, 2008.
7. Ertl-Wagner B, Blume J, Peck D, Udupa J, Schmalfluss I, Herman B, Levering A, Snowdon, S: "Tumor volume estimation from MR images in patients with malignant glioma. Results from the American College of Radiology imaging network (ACRIN) 6662 " Presented at European Congress of Radiology (ECR), Vienna, 2008
8. Arbab AS, Rad AM, Iskander ASM, Jafari-Khouzani, K, Brown SL, Ding D, Quan J, Soltanian-Zadeh H, Peck D, "Magnetically Labeled Sensitized Splenocytes to Identify Glioma by MRI," Presented at and Published in the Abstracts of the ISMRM, 2007.
9. Flynn M, Channin D, Peck D, Baum J, Tchou P; "Softcopy Presentation of Digital Mammograms in Relation to the Detected Size", Presented at Annual Society for Imaging Informatics in Medicine (SIIM), Providence, RI 2007.
10. Ertl-Wagner, BB, Blume JH, Peck D Udupa JK, Herman BA, Levering A; et al., "Operator Dependence and Performance Evaluation of Computer-assisted Tumor Volume Estimation from MR Images in Patients with Malignant Glioma - Results from the American College of Radiology Imaging Network (ACRIN) 6662 Trial", Presented at 92nd Annual Radiological Society of North America (RSNA), Chicago, IL 2006.
11. Flynn MJ, Rauch P, Peck D, McGee R; "Physical Performance of a General Radiographic Tomosynthesis System With a Selenium DR Detector", Presented at 92nd Annual Radiological Society of North America (RSNA), Chicago, IL 2006
12. Arbab AS, Rad AM, Iskander ASM, Brown SL, Panda S, Ledbetter KA, Ewing JR, Mikkelsen T, Frank JA, Soltanian-Zadeh H, Peck D, "Magnetically Labeled Endothelial Progenitor Cells to Differentiate Glioma from Radiation Necrosis," Presented at and Published in the Abstracts of the *Fifth Annual Meeting of the Society for Molecular Imaging*, Hawaii, 2006.

13. Arbab AS, Rad AM, Iskander ASM, Panda S, Ledbetter KA, Soltanian-Zadeh H, Peck D, "Cellular MRI to Detect the Migration of Magnetically Labeled Stem Cell Derived Dendritic Cells to Glioma," Presented at and Published in the Abstracts of the *Fifth Annual Meeting of the Society for Molecular Imaging*, Hawaii, 2006.
14. Arbab AS, Rad AM, Iskander ASM, Brown SL, Panda S, Ledbetter KA, Ewing JR, Mikkelsen T, Frank JA, Soltanian-Zadeh H, Peck D Arbab AS, Rad AM, Iskander ASM, Brown SL, Panda S, Ledbetter KA, Ding G, Ewing JR, Soltanian-Zadeh H, Peck D; "Differentiation of Glioma from Radiation Necrosis by MRI Using Magnetically labeled cells". Presented at and the Abstract Published in the Proceedings of the ISMRM, Seattle, WA 2006.
15. Arbab AS, Brown SL, Iskander ASM, Rad AM, Panda S, Ledbetter KA, Ewing JR, Soltanian-Zadeh H, Peck D; "Cellular MRI to Differentiate Glioma from Radiation Necrosis in Rat Brain". Presented at and the Abstract Published in the Proceedings of the Academy of Molecular Imaging (AMI), Orlando, FL, 2006.
16. Arbab A, Brown S, Rad A, Churchman J, Ding G, Jiang Q, Ewing J, Peck D, Soltanian-Zadeh H: "Detection of the Margin of Glioma by MRI Using Magnetically Labeled Sensitized Splenocytes". 4th Annual Meeting of Society of Molecular Imaging (SMI), Cologne, Germany, 2005
17. Arbab A, Brown S, Rad A, Churchman J, Ding G, Jiang Q, Ewing J, Soltanian-Zadeh H, Peck D: "FePro Labeled Splenocytes as Cellular Probe for MRI to Delineate the Margin, Early Detection of Recurrent or Metastatic Glioma". Presented at and the Abstract Published in the Proceedings of the ISMRM, Miami, FL, 2005
18. Flynn M, Martin C, Peck D, Bhardwaj A, Brown M: "Impact of Rapid PACS Conversion for an Integrated Health Delivery System" Presented at the 25th Annual Meeting of the Society for Computer Applications in Radiology (SCAR), Orlando, FL 2005.
19. Ertl-Wagner B, Blume J, Peck D, Udupa J, Schmalfluss I, Herman B, Levering A, Snowdon, S: "Results from the American College of Radiology Imaging Network (ACRIN) 6662 Trial: Estimating Volumes of Enhancing Brain Tumor and Tumor Plus Edema from MR Images in Patients with Malignant Glioma - Work-in-Progress" Presented at Annual Meeting of Radiological Society of North America (RSNA), Chicago, IL 2004.
20. Ryu S, Mikkelsen T, Scarpace L, Young L, Peck D, Kim J: "Perfusion and Diffusion MRI in the Assessment of the Antivascular Effect of Arsenic Trioxide Combined with Radiotherapy for Glioblastoma Multiforme" Presented at Annual Meeting of Radiological Society of North America (RSNA), Chicago, IL 2004.
21. Yin F, Scarpace L, Hearshen D, Rock J, Peck D, Ryu S, Promberger C, Mikkelsen T: "Implementation of MRSI in Radiation Treatment Planning", Presented at 46th Annual Meeting of the American Association of Physicists in Medicine (AAPM), Pittsburgh, PA 2004.
22. Halabi SS, Mates J, Brown ML Peck DJ. "Voice Recognition Technology and its Implications in Radiology Residency Education", Presented at and published in the proceedings of the Society for Computer Applications in Radiology (SCAR), Vancouver, B C, May 2004.
23. Peck DJ, M Flynn, C Dodge, A Swinford: "Radiographic Techniques for Digital Mammography with An Amorphous Selenium Detector" Presented at 45th Annual Meeting of the American Association of Physicists in Medicine (AAPM), San Diego, CA 2003
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