

<b>Division</b>	<b>UMass Radiology Publications 2021</b>
<b>ABDOMEN</b>	
ABD	<a href="#"><u>ACR Appropriateness Criteria(R) Epigastric Pain</u></a> November 15, 2021. Author(s): Abhinav Vij, Alan J. Goldstein. Source: Journal of the American College of Radiology : JACR
ABD	<a href="#"><u>LI-RADS treatment response assessment of combination locoregional therapy for HCC</u></a> August 01, 2021. Author(s): Marielia Gerena, Christopher Molvar, Mark Masciocchi, Sadhna Nandwana, Carl Sabottke, Bradley Spieler, Rishi Sharma, Leo Tsai, Ania Kielar. Source: Abdominal radiology (New York)
ABD	<a href="#"><u>Patient-Friendly Summary of the ACR Appropriateness Criteria: Crohn Disease</u></a> July 01, 2021. Author(s): Kristin Jordan Moore, Tasneem Lalani . Source: Journal of the American College of Radiology : JACR
ABD	<a href="#"><u>Role of the radiologist at HCC multidisciplinary conference and use of the LR-TR algorithm for improving workflow</u></a> April 27, 2021. Author(s): Anuradha S. Shenoy-Bhangle, Leo L. Tsai, Mark J. Masciocchi, Sandeep Singh Arora, Ania Z. Kielar. Source: Abdominal radiology (New York)
ABD	<a href="#"><u>Stereotactic Body Radiotherapy for Palliation of Hematuria Arising From Urothelial Carcinoma of the Kidney in Unfavorable Surgical Candidates</u></a> March 12, 2021. Author(s): Jesse N. Aronowitz, Linda Ding, Jennifer K. Yates, Yang Zong, Larry Z. Zheng, Zhong Jiang, Jessica Yancey, Kriti Mittal, Thomas J. Fitzgerald. Source: American journal of clinical oncology
<b>EDUCATION</b>	
Education	<a href="#"><u>Integration of clinical anatomical sciences in medical education: Design, development and implementation strategies</u></a> July 01, 2021. Author(s): Mohammed K. Khalil, Eustathia Lela Giannaris, Vaughan Lee, Dolgor Baatar, Saskia Richter, Krista S. Johansen, Priti L. Mishall. Source: Clinical anatomy
Education	<a href="#"><u>Integrating art museum visits into the radiology curriculum: A program to encourage engagement, observation and analytic skills among millennial learners</u></a> May 31, 2021. Author(s): Andrew M. Singer, Carolyn M. DeBenedectis, Max P. Rosen. Source: Clinical imaging
Education	<a href="#"><u>Analysis of Literature Regarding Health Care Disparities in Radiology: Is Radiology Falling Behind</u></a> May 15, 2021. Author(s): Lisa Americo, Alexander Song, Hannah Myers, Mudassir Mumtaz, Jordan Mercado, Carolyn M. DeBenedectis, David Sarkany. Source: Academic radiology
Education	<a href="#"><u>Implementation of a Novel Hands-on Advanced Radiology Elective</u></a> March 01, 2021. Author(s): Alex Newbury, Christopher A. Cerniglia, Hao S. Lo. Source: Current problems in diagnostic radiology
<b>ADMINISTRATIVE</b>	
Admin	<a href="#"><u>American Association for Women in Radiology</u></a> December 01, 2021. Author(s): Carolyn M. DeBenedectis, Chelsea Schmitt, Kristin K. Porter, Carol Rumack. Source: Clinical imaging
Admin	<a href="#"><u>Disability: An Important Dimension of Diversity</u></a> November 01, 2021. Author(s): Juan D. Guerrero-Calderon, Kay Lozano, Carolyn M.

	DeBenedectis, LeAnn Shannon, Chitra Viswanathan, Nolan J. Kagetsu. Source: Journal of the American College of Radiology : JACR
Admin	<a href="#"><u>Family and Medical Leave for Diagnostic Radiology, Interventional Radiology, and Radiation Oncology Residents in the United States: A Policy Opportunity</u></a> July 01, 2021. Author(s): Kirti Magudia,Carolynn M. DeBenedectis. Source: Radiology
Admin	<a href="#"><u>Addressing the ACGME Mandate for Healthcare Disparities Education in Residency Programs: A Needs Assessment</u></a> July 01, 2021. Author(s): Alexander Song, Lisa Americo, Hannah Myers,Carolynn M. DeBenedectis, Priscilla J. Slanetz, David Sarkany. Source: Academic radiology
Admin	<a href="#"><u>Ensuring a Smooth Transition for Trainees Returning from Parental Leave - A Guide for Program Directors</u></a> June 06, 2021. Author(s):Carolynn M. DeBenedectis, Ann K. Jay, Sheryl G. Jordan, Courtney P. Raybon, Jessica B. Robbins, Lori A. Deitte. Source: Academic radiology
Admin	<a href="#"><u>Mitigating Unconscious Bias in Recruitment and Hiring</u></a> June 01, 2021. Author(s): Nikita Consul, Richard Strax,Carolynn M. DeBenedectis, Nolan J. Kagetsu. Source: Journal of the American College of Radiology : JACR
Admin	<a href="#"><u>Determinants of Burnout and Well-Being in Women, Gender-Diverse Radiologists, and Radiologists of Other Underrepresented Minorities</u></a> May 01, 2021. Author(s):Carolynn M. DeBenedectis. Source: Journal of the American College of Radiology : JACR
Admin	<a href="#"><u>In Seas of Change, a Call to Action: 2021 American Board of Medical Specialties Policy on Parental, Caregiver, and Medical Leave During Training</u></a> March 31, 2021. Author(s): Courtney P. Raybon, Sheryl G. Jordan, Lori A. Deitte,Carolynn M. DeBenedectis, Ann K. Jay, Jessica B. Robbins. Source: Academic radiology
Admin	<a href="#"><u>COVID-19 Vaccination-Related Uptake on FDG PET/CT: An Emerging Dilemma and Suggestions for Management</u></a> March 01, 2021. Author(s): Lacey J. McIntosh, Alexander A. Bankier, Gopal R. Vijayaraghavan, Robert Licho, Max P. Rosen. Source: AJR. American journal of roentgenology
Admin	<a href="#"><u>Building a Learning Community for Radiology Quality and Safety in Massachusetts: Confronting Challenges and Creating Opportunities</u></a> March 01, 2021. Author(s): Jennifer C. Broder, Steven J. Baccei. Source: Journal of the American College of Radiology : JACR
Admin	<a href="#"><u>Enabling Your Radiology Business to Thrive Strategic Lessons Learned During the Initial and Subsequent Surges of the Covid-19 Pandemic</u></a> January 13, 2021. Author(s): Jonathan B. Kruskal, Max P. Rosen, Amy K. Hara, Cheri Canon, Christoph Wald. Source: Academic radiology
Admin	<a href="#"><u>Representation of Women in Diagnostic Radiology Residency Programs: Does National Institutes of Health Program Ranking Matter?</u></a> January 01, 2021. Author(s): Grace Wang, Molly Huggett, Bruce A. Barton, Lucy B. Spalluto,Carolynn M. DeBenedectis. Source: Journal of the American College of Radiology : JACR
<b>ANATOMY</b>	
Anat	<a href="#"><u>A case of distal limb arterial tortuosity and dilation: observations and potential clinical significance</u></a> June 01, 2021. Author(s): Yasmin Carter,

	Desmond J. Bennett, Vadim Molla, Alexandra E. Wink, Amanda J. Collins, Eustathia Lela Giannaris. Source: Folia morphologica
<b>ARTIFICIAL INTELLIGENCE</b>	
AI	<a href="#"><u>Artificial intelligence in medical ultrasonography: driving on an unpaved road</u></a> July 01, 2021. Author(s): Young H. Kim. Source: Ultrasonography (Seoul, Korea);
AI	<a href="#"><u>Deep Learning-Based Quantification of Visceral Fat Volumes Predicts Posttransplant Diabetes Mellitus in Kidney Transplant Recipients</u></a> May 25, 2021. Author(s): Ji Eun Kim, Sang Joon Park, Yong Chul Kim, Sang-II Min, Jongwon Ha, Yon Su Kim, Soon Ho Yoon, Seung Seok Han
AI	<a href="#"><u>Review of Artificial Intelligence Training Tools and Courses for Radiologists</u></a> March 10, 2021. Author(s): Michael L. Richardson, Hao S. Lo. Source: Academic radiology
<b>BIOMEDICAL IMAGING AND BIOENGINEERING</b>	
BIB	<a href="#"><u>Suppression of mutant C9orf72 expression by a potent mixed backbone antisense oligonucleotide</u></a> December 23, 2021. Author(s): Helene Tran, Michael P. Moazami, Huiya Yang, Diane Mckenna-Yasek, Catherine Douthwright, Courtney Pinto, Jake P. Metterville, Minwook Shin, Nitasha Sanil, Craig Dooley, Ajit S. Puri, Alexandra Weiss, Nicholas Wightman, Heather L. Gray-Edwards, Miklos G. Marosfoi, Robert M. King, Jonathan K. Watts, Robert H. Brown Jr.. Source: Nature medicine
BIB	<a href="#"><u>Comparative route of administration studies using therapeutic siRNAs show widespread gene modulation in Dorset sheep</u></a> December 22, 2021. Author(s): Chantal M. Ferguson, Bruno M. D. C. Godinho, Julia F. Alterman, Andrew H. Coles, Matthew R. Hassler, Dimas Echeverria, James W. Gilbert, Emily G. Knox, Jillian Caiazza, Reka A. Haraszti, Robert M. King, Toloo Taghian, Ajit S. Puri, Richard P. Moser, Matthew J. Gounis, Neil Aronin, Heather L. Gray-Edwards, Anastasia Khvorova .Source: JCI insight; Copyright: © 2021
BIB	<a href="#"><u>Data-driven respiratory signal estimation from temporally finely sampled projection data in conventional cardiac perfusion SPECT imaging</u></a> December 13, 2021. Author(s): P. Hendrik Pretorius, Michael A. King. Source: Medical physics
BIB	<a href="#"><u>Improved Performance of a Multipinhole SPECT for DAT Imaging by Increasing Number of Pinholes at the Expense of Increased Multiplexing</u></a> November 01, 2021. Author(s): Arda Konik, Navid Zeraatkar, Kesava S. Kalluri, Benjamin Auer, Timothy J. Fromme, Yulun He, Micaehla May, Lars R. Furenlid, Phillip H. Kuo, Michael A. King. Source: IEEE transactions on radiation and plasma medical sciences
BIB	<a href="#"><u>A clinical perspective on endovascular stroke treatment biomechanics</u></a> October 11, 2021. Author(s): Johanna M. Ospel, Aad van der Lugt, Matthew J. Gounis, Mayank Goyal, Charles B. L. M. Majoie. Source: Journal of biomechanics
BIB	<a href="#"><u>Cerebral SPECT imaging with different acquisition schemes using varying levels of multiplexing versus sensitivity in an adaptive multipinhole brain-dedicated scanner</u></a> September 22, 2021. Author(s): Navid

	Zeraatkar, Kesava S. Kalluri, Benjamin Auer, Micaehla May, R. Garrett Richards, Lars R. Furenlid, Phillip H. Kuo, Michael A. King. Source: Biomedical physics and engineering express
BIB	<a href="#"><u>Real-time MR tracking of AAV gene therapy with betagal-responsive MR probe in a murine model of GM1-gangliosidosis</u></a> August 26, 2021. Author(s): Toloo Taghian, Ana Rita Batista, Paola Rodriguez, Katerina Mesa, Shaokuan Zheng, Robert M. King, Matthew J. Gounis, Sophia H. Todeasa, Miguel Sena-Esteves, Thomas J. Meade, Heather L. Gray-Edwards . Source: Molecular therapy. Methods and clinical development
BIB	<a href="#"><u>Improving detection accuracy of perfusion defect in standard dose SPECT-myocardial perfusion imaging by deep-learning denoising</u></a> July 19, 2021. Author(s): Junchi Liu, Yongyi Yang, Miles N. Wernick, P. Hendrik Pretorius, Piotr J. Slomka, Michael A. King . Source: Journal of nuclear cardiology
BIB	<a href="#"><u>Multimodal Bone Metastasis-associated Epidermal Growth Factor Receptor Imaging in an Orthotopic Rat Model</u></a> July 01, 2021. Author(s): Tobias Bauerle, Suresh Gupta, Shaokuan Zheng, Lisa Seyler, Anita M. Loporati, Miklos G. Marosfoi, Simone Maschauer, Olaf Prante, Peter Caravan, Alexei A. Bogdanov Jr. Source: Radiology. Imaging cancer
BIB	<a href="#"><u>Comprehensive Assessment of Fine-Grained Wound Images Using a Patch-Based CNN With Context-Preserving Attention</u></a> June 24, 2021. Author(s): Ziyang Liu, Emmanuel Agu, Peder Pedersen, Clifford Lindsay, Bengisu Tulu, Diane Strong. Source: IEEE open journal of engineering in medicine and biology
BIB	<a href="#"><u>Per pass analysis of thrombus composition retrieved by mechanical thrombectomy</u></a> April 07, 2021. Author(s): Mehdi Abbasi, Matthew J. Gounis. Source: Interventional neuroradiology : journal of peritherapeutic neuroradiology, surgical procedures and related neurosciences
BIB	<a href="#"><u>A novel deep-learning-based approach for automatic reorientation of 3D cardiac SPECT images</u></a> April 02, 2021. Author(s): Duo Zhang, P. Hendrik Pretorius, Kaixian Lin, Weibing Miao, Jingsong Li, Michael A. King, Wentao Zhu. Source: European journal of nuclear medicine and molecular imaging
BIB	<a href="#"><u>Modelling the impact of clot fragmentation on the microcirculation after thrombectomy</u></a> March 12, 2021. Author(s): Wahbi K. El-Bouri, Andrew MacGowan, Tamas I. Jozsa, Matthew J. Gounis, Stephen J. Payne. Source: PLoS computational biology
BIB	<a href="#"><u>Preventing Inadvertent Foreign Body Injection in Angiography</u></a> March 09, 2021. Author(s): Omid Nikoubashman, Afif Kraitem, Rose Arslanian, Matthew J. Gounis, Thorsten Sichtermann, Martin Wiesmann. Source: Radiology
BIB	<a href="#"><u>Quantifying and Mitigating Motor Phenotypes Induced by Antisense Oligonucleotides in the Central Nervous System [preprint]</u></a> February 15, 2021. Author(s): Michael P. Moazami, Julia M. Rembetsy-Brown, Feng Wang, Pranathi Meda Krishnamurthy, Alexandra Weiss, Miklos G. Marosfoi, Robert M. King, Mona Motwani, Heather L. Gray-Edwards, Katherine A. Fitzgerald, Robert H. Brown Jr., Jonathan K. Watts. Source: bioRxiv

BIB	<a href="#"><u>Deletions in CWH43 cause idiopathic normal pressure hydrocephalus</u></a> January 18, 2021. Author(s): Hong Wei Yang, Dejun Yang, Huijun Dai, Yan Zhang, Sijun Zhao, Shuo Zhang, Yan Ma, George Wang, Shaokuan Zheng, Rona S. Carroll, Mark D. Johnson. Source: EMBO molecular medicine
<b>BREAST IMAGING</b>	
Breast	<a href="#"><u>Ultrasound Imaging Morphology is Associated with Biological Behavior in Invasive Ductal Carcinoma of the Breast</u></a> September 02, 2021. Author(s): Gopal Vijayaraghavan, Matthew Kona, Abiramy Maheswaran, Dina Kandil, Madhavi Toke, Srinivasan Vedantham. Source: Journal of clinical imaging science
Breast	<a href="#"><u>A single-institution analysis of reflector-guided localization using SAVI SCOUT(R) in nonpalpable breast carcinoma compared to traditional wire localization</u></a> September 01, 2021. Author(s): Nicholas Bercovici, Vladislav Makarenko, Gopal Vijayaraghavan, Anne C. Larkin, Jennifer Clark, Dina Kandil. Source: The breast journal
Breast	<a href="#"><u>Robust breast cancer detection in mammography and digital breast tomosynthesis using an annotation-efficient deep learning approach</u></a> February 01, 2021. Author(s): William Lotter, Abdul Rahman Diab, Bryan Haslam, Jiye G. Kim, Giorgia Grisot, Eric Wu, Kevin Wu, Jorge Onieva Onieva, Yun Boyer, Jerrold L. Boxerman, Meiyun Wang, Mack Bandler, Gopal Vijayaraghavan, A. Gregory Sorensen. Source: Nature medicine
<b>CELL BIOLOGY AND IMAGING</b>	
CBI	<a href="#"><u>Structural basis of the super- and hyper-relaxed states of myosin II</u></a> December 10, 202. Author(s): Roger W. Craig, Raul A. Padron. Source: The Journal of general physiology
CBI	<a href="#"><u>Structural organization of the C1b projection within the ciliary central apparatus</u></a> November 01, 2021. Author(s): Kai Cai, Yanhe Zhao, Lei Zhao, Nhan Phan, Yuqing Hou, Xi Cheng, George B. Witman, Daniela Nicastro. Source: Journal of cell science
CBI	<a href="#"><u>Chlamydomonas FAP70 is a component of the previously uncharacterized ciliary central apparatus projection C2a</u></a> June 28, 2021. Author(s): Yuqing Hou, Lei Zhao, Tomohiro Kubo, Xi Cheng, Nathan A. McNeill, Toshiyuki Oda, George B. Witman. Source: Journal of cell science
CBI	<a href="#"><u>Fast skeletal myosin-binding protein-C regulates fast skeletal muscle contraction</u></a> April 27, 2021. Author(s): Taejeong Song, James W. McNamara, Weikang Ma, Maicon Landim-Vieira, Kyoungwan Lee, Lisa A. Martin, Judith A. Heiny, John N. Lorenz, Roger W. Craig, Jose Renato Pinto, Thomas Irving, Sakthivel Sadayappan. Source: Proceedings of the National Academy of Sciences of the United States of America
CBI	<a href="#"><u>Amino terminus of cardiac myosin binding protein-C regulates cardiac contractility</u></a> March 26, 2021. Author(s): Thomas L. Lynch 4th, Kyoungwan Lee, Roger W. Craig, Sakthivel Sadayappan. Source: Journal of molecular and cellular cardiology
CBI	<a href="#"><u>Relaxed tarantula skeletal muscle has two ATP energy-saving mechanisms</u></a> March 01, 2021. Author(s): Weikang Ma, Sebastian Duno-

	Miranda, Thomas Irving, Roger W. Craig, Raul A. Padron. Source: The Journal of general physiology
CBI	<a href="#"><u>The N terminus of myosin-binding protein C extends toward actin filaments in intact cardiac muscle</u></a> February 01, 2021. Author(s): Sheema Rahmanseresht, Kyoung H. Lee, Thomas S. O'Leary, James W. McNamara, Sakthivel Sadayappan, Jeffrey Robbins, David M. Warshaw, Roger W. Craig, Michael J. Previs. Source: The Journal of general physiology
<b>CARDIOTHORACIC IMAGING</b>	
CTI	<a href="#"><u>Lung Physiological Variations in COVID-19 Patients and Inhalation Therapy Development for Remodeled Lungs</u></a> September 01, 2021. Author(s): Jinxiang Xi, Brendan Walfield, Xiuhua April Si, Alexander A. Bankier. Source: SciMedicine Journal
CTI	<a href="#"><u>Myocarditis following COVID-19 vaccination</u></a> May 18, 2021. Author(s): Elisabeth Albert, Gerard P. Aurigemma, Jason Saucedo, David S. Gerson. Source: Radiology Case Reports
<b>EMERGENCY RADIOLOGY</b>	
<b>ELECTRON MICROSCOPY CORE</b>	
EM	<a href="#"><u>Deficient spermiogenesis in mice lacking Rlim</u></a> February 23, 2021. Author(s): Feng Wang, Maria Gracia Gervasi, Ana Boskovic, Fengyun Sun, Vera D. Rinaldi, Jun Yu, Mary C. Wallingford, Darya A. Tourzani, Jesse Mager, Lihua Julie Zhu, Oliver J. Rando, Pablo E. Visconti, Lara Strittmatter, Ingolf Bach. Source: eLife
EM	<a href="#"><u>UPR(mt) scales mitochondrial network expansion with protein synthesis via mitochondrial import in Caenorhabditis elegans</u></a> January 20, 2021. Author(s): Tomer Shpilka, Yunguang Du, Qiyuan Yang, Andrew Melber, Nandhitha Uma Naresh, Joshua Lavelle, Sookyung Kim, Pengpeng Liu, Hilla Weidberg, Rui Li, Jun Yu, Lihua Julie Zhu, Lara Strittmatter, Cole M. Haynes. Source: Nature communications
<b>NEUROINTERVENTIONAL RADIOLOGY</b>	
NIR	<a href="#"><u>International Study of Intracranial Aneurysm Treatment Using Woven EndoBridge: Results of the WorldWideWEB Consortium</u></a> December 17, 2021. Author(s): Adam A. Dmytriw, Anna L. Kuhn, Ajit S. Puri. Source: Stroke
NIR	<a href="#"><u>Quantification of clot spatial heterogeneity and its impact on thrombectomy</u></a> December 15, 2021. Author(s): Yang Liu, Matthew J. Gounis, Ajit S. Puri. Source: Journal of neurointerventional surgery
NIR	<a href="#"><u>Preclinical modeling of mechanical thrombectomy</u></a> December 08, 2021. Author(s): Vania Anagnostakou, Mark Epshtein, Anna L. Kuhn, Robert M. King, Ajit S. Puri, Matthew J. Gounis Source: Journal of biomechanics
NIR	<a href="#"><u>Noncontrast Computed Tomography vs Computed Tomography Perfusion or Magnetic Resonance Imaging Selection in Late Presentation of Stroke With Large-Vessel Occlusion</u></a> November 08, 2021. Author(s):

	Thanh N. Nguyen, Ajit S. Puri, Anna L. Kuhn, Raul G. Nogueira. Source: JAMA neurology
NIR	<a href="#"><u>Endoluminal flow diverting stents for middle cerebral artery bifurcation aneurysms: multicenter cohort</u></a> November 03, 2021. Author(s): Mohamed M. Salem, Anna L. Kuhn, Francesco Massari, Ajit S. Puri, Ajith J. Thomas. Source: Journal of neurointerventional surgery
NIR	<a href="#"><u>Carotid artery revascularization using the Walrus balloon guide catheter: safety and feasibility from a US multicenter experience</u></a> October 22, 2021. Author(s): Mohamed M. Salem, Anna L. Kuhn, Ajit S. Puri, Jan-Karl Burkhardt. Source: Journal of neurointerventional surgery
NIR	<a href="#"><u>Repeat Flow Diversion for Cerebral Aneurysms Failing Prior Flow Diversion: Safety and Feasibility From Multicenter Experience</u></a> October 12, 2021. Author(s): Mohamed M. Salem, Anna L. Kuhn, Ajit S. Puri, Ajith J. Thomas. Source: Stroke
NIR	<a href="#"><u>Intravascular Wrap for Treatment of Basilar Artery Perforator Aneurysm</u></a> September 16, 2021. Author(s): Anna L. Kuhn, Ajit S. Puri, Francesco Massari, Jasmeet Singh. Source: Cureu
NIR	<a href="#"><u>Mechanical thrombectomy beyond the circle of Willis: efficacy and safety of different techniques for M2 occlusions</u></a> July 05, 2021. Author(s): Leonardo Renieri, Iacopo Valente, Ajit S. Puri, Jasmeet Singh, Anna L. Kuhn. Source: Journal of neurointerventional surgery
NIR	<a href="#"><u>Age and Acute Ischemic Stroke Outcome in North American Patients With COVID-19</u></a> July 03, 2021. Author(s): Adam A. Dmytriw, Anna L. Kuhn, Ajit S. Puri . Source: Journal of the American Heart Association
NIR	<a href="#"><u>Left Ventricular Noncompaction Cardiomyopathy as a Potential Cause of Bilateral Posterior Cerebral Artery Stroke - a Rare and Unique Clinical Occurrence</u></a> June 22, 2021. Author(s): Marwa Elnazeir, Lisa Nobel, Siddharth Narayanan, Fahed Darmoch, Francesco Massari, Timothy P. Fitzgibbons, Raphael A. Carandang, Adalia H. Jun-O'Connell. Source: The American journal of case reports
NIR	<a href="#"><u>Optical Coherence Tomography for Neurovascular Disorders</u></a> June 12, 2021. Author(s): Vania Anagnostakou, Giovanni J. Ughi, Ajit S. Puri, Matthew J. Gounis. Source: Neuroscience
NIR	<a href="#"><u>Up around the bend: progress and promise of intravascular imaging in neurointerventional surgery</u></a> June 01, 2021. Author(s): Matthew J. Gounis, David A. Steinman Source: Journal of neurointerventional surgery
NIR	<a href="#"><u>Postmarket American Experience With Woven EndoBridge Device: Adjudicated Multicenter Case Series</u></a> May 14, 2021. Author(s): Jacob Cherian, Stephen R. Chen, Ajit S. Puri, Kunal Vakharia, Elad Levy, Sheila Eshraghi, Brian M. Howard, Frank C. Tong, C. Michael Cawley, Bradley Gross, Matthew D. Alexander, Ramesh Grandhi, Visish M. Srinivasan, Jan-Karl Burkhardt, Jeremiah N. Johnson, Peter Kan. Source: Neurosurgery
NIR	<a href="#"><u>Histological evaluation of acute ischemic stroke thrombi may indicate the occurrence of vessel wall injury during mechanical thrombectomy</u></a> May 11, 2021. Author(s): Oana Madalina Mereuta, Matthew J. Gounis, Ajit S. Puri. Source: Journal of neurointerventional surgery

NIR	<a href="#"><u>Walrus large bore guide catheter impact on recanalization first pass effect and outcomes: the WICKED study</u></a> April 15, 2021. Author(s): Gustavo M. Cortez, Raymond D. Turner, Andre Monteiro, Ajit S. Puri, Adnan H. Siddiqui, J. Mocco, Jan Vargas, Anna L. Kuhn, Shahram Majidi, M. Imran Chaudry, Amin Aghaebrahim, Aquilla S. Turk, Eric Sauvageau, Ricardo A. Hanel. Source: Journal of neurointerventional surgery
NIR	<a href="#"><u>Global Impact of COVID-19 on Stroke Care</u></a> March 29, 2021. Author(s): SVIN COVID-19 global registry, Raul Nogueira, Ajit S. Puri, Anna L. Kuhn, Thanh Nguyen. Source: International journal of stroke : official journal of the International Stroke Society
NIR	<a href="#"><u>Decline in subarachnoid haemorrhage volumes associated with the first wave of the COVID-19 pandemic</u></a> March 26, 2021. Author(s): Thanh N. Nguyen, Ajit S. Puri, Anna L. Kuhn, Raul G. Nogueira. Source: Stroke and vascular neurology
NIR	<a href="#"><u>A New Class of Radially Adjustable Stentrievers for Acute Ischemic Stroke: Primary Results of the Multicenter Tiger Trial</u></a> March 19, 2021. Author(s): Rishi Gupta, Ajit S. Puri. Source: Stroke
NIR	<a href="#"><u>Association between clot composition and stroke origin in mechanical thrombectomy patients: analysis of the Stroke Thromboembolism Registry of Imaging and Pathology</u></a> March 15, 2021. Author(s): Waleed Brinjikji, Matthew J. Gounis, Ajit S. Puri. Source: Journal of neurointerventional surgery
NIR	<a href="#"><u>Pivotal trial of the Neuroform Atlas stent for treatment of posterior circulation aneurysms: one-year outcomes</u></a> March 15, 2021. Author(s): Brian T. Jankowitz, Ajit S. Puri. Source: Journal of neurointerventional surgery
NIR	<a href="#"><u>Role of Surgical Intervention for Intracranial Dural Arteriovenous Fistulas With Cortical Venous Drainage in an Endovascular Era: A Case Series</u></a> March 15, 2021. Author(s): Yosuke Akamatsu, Santiago Gomez-Paz, David Vergara-Garcia, Viraj M. Moholkar, Anna L. Kuhn, Kohei Chida, Jasmeet Singh, Katyucia de Macedo Rodrigues, Francesco Massari, Justin M. Moore, Ajit S. Puri, Christopher S. Ogilvy, Ajith J. Thomas. Source: Operative neurosurgery (Hagerstown, Md.)
NIR	<a href="#"><u>POSITIVE: Perfusion imaging selection of ischemic stroke patients for endovascular therapy</u></a> February 25, 2021. Author(s): J. Mocco, Ajit S. Puri. Source: Journal of neurointerventional surgery
NIR	<a href="#"><u>Safety of the APOLLO Onyx delivery microcatheter for embolization of brain arteriovenous malformations: results from a prospective post-market study</u></a> February 01, 2021. Author(s): Philip M. Meyers, Ajit S. Puri. Source: Journal of neurointerventional surgery
<b>INTERVENTIONAL RADIOLOGY</b>	
<b>MUSCULOSKELETAL IMAGING</b>	

MSK	<a href="#"><u>Absence of post-traumatic bone marrow edema in the setting of preeclampsia</u></a> February 01, 2021. Author(s): Tina Shiang, Ryan Tai, George J. Watts. Source: Journal of the American Podiatric Medical Association
<b>NEURORADIOLOGY</b>	
NEURO	<a href="#"><u>Paramagnetic Rim Lesions in Multiple Sclerosis: Comparison of Visualization at 1.5-T and 3-T MRI</u></a> December 01, 2021. Author(s): Christopher C. Hemond, Daniel S. Reich, Sathish Kumar Dundamadappa. Source: AJR. American journal of roentgenology
NEURO	<a href="#"><u>Qualifying Certainty in Radiology Reports through Deep Learning-Based Natural Language Processing</u></a> October 01, 2021. Author(s): Feifan Liu, Peng Zhou, Steven J. Baccei, Mark J. Masciocchi, Nita Amornsiripanitch, Catarina I. Kiefe, Max P. Rosen. Source: AJNR. American journal of neuroradiology
NEURO	<a href="#"><u>CT Angiogram Area Stenosis Calculations Overestimate the Degree of Carotid Stenosis Compared to NASCET Diameter Stenosis Calculations</u></a> February 03, 2021. Author(s): Edward J. Arous, Dejah R. Judelson, Anushree Agrawal, Sathish Kumar Dundamadappa, Allison S. Crawford, Kimberly T. Malka, Jessica P. Simons, Andres Schanzer. Source: Journal of vascular surgery
<b>NUCLEAR MEDICINE</b>	
<b>ONCOLOGIC IMAGING</b>	
ONC	<a href="#"><u>Coordination and optimization of FDG PET/CT and COVID-19 vaccination; Lessons learned in the early stages of mass vaccination</u></a> May 11, 2021. Author(s): Lacey J. McIntosh, Max P. Rosen, Kriti Mittal, Giles F. Whalen, Venu G. Bathini, Tasneem Ali, Kathryn L. Edmiston, William V. Walsh, Jonathan M. Gerber. Source: Cancer Treatment Reviews
ONC	<a href="#"><u>Pseudoprogression of triple-hit diffuse large B-cell lymphoma following polatuzumab vedotin-based salvage therapy</u></a> March 15, 2021. Author(s): Xin Wang, Lacey J. McIntosh, William Selove, Jaroslav Zivny, Jan Cerny. Source: Leukemia and lymphoma
<b>PEDIATRIC RADIOLOGY</b>	
PEDI	<a href="#"><u>Lack of Progression of Intraventricular Hemorrhage in Premature Infants: Implications for Head Ultrasound Screening</u></a> May 19, 2021. Author(s): Jaclyn Daigneault, Heather White, Alexandra Dube, Qiming Shi, Jean-Marc Gauguier, Lawrence M. Rhein. Source: Global pediatric health;
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PEDI	<a href="#"><u>Long-term GH Therapy Does Not Advance Skeletal Maturation in Children and Adolescents</u></a> March 05, 2021. Author(s): Benjamin U. Nwosu, Gabrielle Jasmin, Sadichehha Parajuli, Alan D. Rogol, Ellen C. Wallace, Austin F. Lee. Source: Journal of the Endocrine Society
<b>ADJUNCT FACULTY</b>	

Adjunct Faculty	<a href="#"><b><u>Artificial Intelligence in Healthcare Explained for Computer-Non-Experts</u></b></a> October 06, 2021. Author(s): Sarwat Hussain. Source: Annals of King Edward Medical University
Adjunct Faculty	<a href="#"><b><u>The Lancet Commission on diagnostics: transforming access to diagnostics</u></b></a> October 06, 2021. Author(s): Kenneth A. Fleming, Susan Horton, Sarwat Hussain. Source: Lancet (London, England)
Adjunct Faculty	<a href="#"><b><u>Optimizing integrated imaging service delivery by tier in low-resource health systems</u></b></a> September 16, 2021. Author(s): Kristen DeStigter, Kara-Lee Pool, Abimbola Leslie, Sarwat Hussain, Bien Soo Tan, Lluís Donoso-Bach, Savvas Andronikou. Source: Insights into imaging