

The Walter E. Berdon/Thomas L. Slovis Awards

The Berdon award recognizes the best Clinical Research paper submitted to the journal of *Pediatric Radiology* in the year preceding the meeting. This award was established to honor Walter Berdon who served as the North American Editor of Pediatric Radiology for 30 years and who stepped down as editor on June 30, 2003.

The Slovis award recognizes the best Basic Scientific paper submitted to the journal of *Pediatric Radiology* in the year preceding the meeting. This award was established to honor Thomas Slovis who served as the North American Editor of Pediatric Radiology following Dr. Berdon and who stepped down as editor on December 31, 2012.

2020

Best Clinical Paper (Walter Berdon Award):

Jeffrey P. Otjen, A. Luana Stanescu, Adam M. Alessio & Marguerite T. Parisi. Ovarian torsion: developing a machine-learned algorithm for diagnosis

Best Basic Science Paper (Tom Slovis Award):

Cyrus A. Raji, Maxwell B. Wang, NhuNhu Nguyen, Julia P. Owen, Eva M. Palacios, Esther L. Yuh & Pratik Mukherjee. Connectome mapping with edge density imaging differentiates pediatric mild traumatic brain injury from typically developing controls: proof of concept

2019

Best Clinical Paper (Walter Berdon Award):

Jonathan R. Dillman, MD, MSc; Suraj D. Serai, PhD; Andrew T. Trout, MD; Ruchi Singh; Jean A. Tkach; Amy E. Taylor, MD; Burns C. Blaxall, Lin Fei¹; Alexander G. Miethke. Diagnostic performance of quantitative magnetic resonance imaging biomarkers for predicting portal hypertension in children and young adults with autoimmune liver disease.

Best Basic Science Paper (Tom Slovis Award):

Ashley M. Lucke, MD; Anil N. Shetty; Joseph L. Hagan; Allison Walton; Tiffany D. Stafford; Zili D. Chu; Christopher J. Rhee; Jeffrey R. Kaiser; Magdalena Santa Cortes. Early proton magnetic resonance spectroscopy during and after therapeutic hypothermia in perinatal hypoxic ischemic encephalopathy.

2018

Best Clinical Paper (Walter Berdon Award):

Linda M. Sanders, MD; Pinky Sharma, MD; Miriam El Madany, MD; Alexander B. King, MD; Koren S. Goodman, PhD; Alison Esteva Sanders, MD. Clinical breast concerns in low-risk pediatric patients: practice review with proposed recommendations.

Best Basic Science Paper (Tom Slovis Award):

Lauren A. May, MD; R. Paul Guillerman, MD; Wei Zhang, PhD; Robert C. Orth, MD, PhD. Unfounded conclusions of equivalence in diagnostic accuracy studies: a pervasive fallacy of inference in pediatric radiology scientific abstracts.

2017

Best Clinical Paper (Walter Berdon Award):

Jennifer E. Lim-Dunham, MD, FACR, Iclal Erdem Toslak, MD, Khalid Alsabban, MD, Amany Aziz, MD, Brendan Martin, PhD, Gokcan Okur, MD, Katherine C. Longo, MD. Ultrasound risk stratification for malignancy using the 2015 American Thyroid Association Management Guidelines for Children with Thyroid Nodules and Differentiated Thyroid Cancer.

Best Basic Science Paper (Tom Slovis Award):

Monwabisi Makola, PhD, M. Douglas Ris, PhD, E. Mark Mahone, PhD, Keith Owen Yeates, PhD, Kim M. Cecil, PhD. Long-term effects of radiation on white matter of the corpus callosum: a diffusion tensor imaging study

2016

Best Clinical Paper (Walter Berdon Award):

Sarah Rothman, MD, Anat Gonen, BN, MHA, Alina Vodonos, PhD, Prof. Victor Novack, MD, PhD, Prof. Ilan Shelef, MD. "Does preparation of children before MRI reduce the need for anesthesia? Prospective randomized control trial", *Pediatric Radiology*, 2016.

Best Basic Science Paper (Tom Slovis Award):

Kelly Jarvis, PhD, Susanne Schnell, PhD, Alex J. Barker, PhD, Julio Garcia, PhD, Ramona Lorenz, PhD, Michael Rose, BS, Varun Chowdhary, MD, James Carr, MD, Joshua D. Robinson, MD, Cynthia K. Rigsby, MD, Michael Markl, PhD. "Evaluation of blood flow distribution asymmetry and vascular geometry in patients with Fontan circulation using 4-D flow MRI", *Pediatric Radiology*, 2016.

2015

Best Clinical Paper (Walter Berdon Award):

Arabinda K. Choudhary, Ray Bradford, Mark S. Dias, K. Thamburaj, Danielle K. B. Boal. "Venous injury in abusive head trauma", *Pediatric Radiology*, 2015.

Best Basic Science Paper (Tom Slovis Award):

Susan J. Back, J. Christopher Edgar, Douglas A. Canning, Kassa Darge. "Contrast-enhanced voiding urosonography: In vitro evaluation of a second-generation ultrasound contrast agent for in vivo optimization", *Pediatric Radiology*, 2015.

2014

Best Clinical Paper (Walter Berdon Award):

Catlin, M, Bohl, D, Blickman, J. "A randomized controlled trial: child life services in pediatric imaging", *Pediatric Radiology*, 2014.

Best Basic Science Paper (Tom Slovis Award):

Tsai, A, McDonald, A, Rosenberg, A, Gupta, R, Paul K. Kleinman. "High-resolution CT with histopathological correlates of the classic metaphyseal lesion of infant abuse", *Pediatric Radiology*, 2014.

2013

Best Clinical Paper (Walter Berdon Award):

Punwani S, Cheung KK, Skipper N, Bell N, Bainbridge A, Taylor SA, Groves AM, Hain SF, Ben-Haim S, Shankar A, Daw S, Halligan S, Humphries PD. Dynamic contrast enhanced MRI improves accuracy for detecting focal splenic involvement in children and adolescents with Hodgkin disease.

Best Basic Science Paper (Tom Slovis Award):

Hanquinet S, Rougemont AL, Courvoisier D, Rubbia-Brandt L, McLin V, Tempia M, Anooshiravani M. Acoustic radiation force impulse (ARFI) elastography for the non-invasive diagnosis of liver fibrosis in children.

2012

Best Clinical Paper (Walter Berdon Award) :

Swanson JO, Vavilala MS, Wang J, et al. Association of initial CT findings with quality-of-life outcomes for traumatic brain injury in children

Best Basic Science Paper (Tom Slovis Award):

Tkach JA, Hillman NH, Jobe AH. An MRI system for imaging neonates in the NICU: initial feasibility study.

2011

Best Basic Science Paper

Castaneda RT, Boddington S, Henning TD, Wendland M, Mandrussow L, Liu S, Daldrup-Link H. Labeling Human Embryonic Stem-Cell-Derived Cardiomyocytes for Tracking With MR Imaging

Best Clinical Research Paper

Schachar JL, Zampolin RL, Miller TS, Farinhas JM, Freeman K, Taragin BH. External Validation of the New Orleans Criteria (NOC), the Canadian CT Head Rule (CCHR) and the National Emergency X-Radiography Utilization Study II (NEXUS II) for CT Scanning in Pediatric Patients With Minor Head Injury in a Non-Trauma Center

2010

Best Basic Science Paper

Goo HW. "Initial Experience of Dual Energy Lung Perfusion CT Using a Dual Source CT System in Children."

Best Clinical Research Paper

Raissaki M, Perisinakis K, Damilakis J, Gourtsoyiannis N. "Eye-lens Bismuth Shielding in Pediatric Head CT: Artifact Evaluation and Reduction."

2009

Best Basic Science Paper

Helm, EJ; Silva, CT; Roberts, HC; Manson, D; Seed, MTM; Amaral, JG; Babyn, PS, "Computer-aided detection for the identification of pulmonary nodules in pediatric oncology patients: initial experience"

Best Clinical Research Paper

Saad, MB; Rohnean, A; Sigal-Cinqualbre, A; Adler, G; Paul, J-F, "Evaluation of image quality and radiation dose of thoracic and coronary dual-source CT in 110 infant with congenital heart disease"

2008

Best Basic Science Paper

Wang, ZJ, Boddington, S, Wendland, M, Meier, Reinhard, Corot, C, Daldrup-Link, H, "MR Imaging of Ovarian Tumors Using Folate-Receptor-Targeted Contrast Agents"

Best Clinical Research Paper

Hallowell, LM, Stewart, SE, de Amorim e Silva, CT, Ditchfield, MR, "Reviewing the Process of Preparing Children for MRI"

2007

Best Basic Science Paper

Maree GJ, Irving BJ, Hering ER, "Paediatric Dose Measurement in a Full-Body Digital Radiography Unit"

Best Clinical Research Paper

Silva CT, Daneman A, Navarro OM, Moore AM, Moineddin R, Gerstle JT, Mittal A, Brindle M, Epelman M, "Correlation of Sonographic Findings and Outcome in Necrotizing Enterocolitis"

2006

Best Basic Science Paper

Hyun Woo Goo, Dong Soo Suh, "The Influences of Tube Voltage and Scan Direction on Combined Tube Current Modulation: A Phantom Study"

Best Clinical Research Paper

I-Chen Tsai, Tain Lee, Yun-Ching Fu, Sheng-Lin Jan, Chung-Chi Wang, Yen Chang, Min-Chi Chen, "Using Multidetector-row CT in Neonates with Complex Congenital Heart Disease to Replace Diagnostic Cardiac Catheterization for Anatomical Investigation: Initial Experiences in Technical and Clinical Feasibility"

2005

Best Basic Science Paper

Nield LE, Qi XL, Valsangiacomo ER, Macgowan CK, Wright GA, Hornberger LK, Yoo SJ, " *In vivo* MRI Measurement of Blood Oxygen Saturation in Children with Congenital Heart Disease"

Best Clinical Paper

Jones A, Granger S, Brambilla D, Gallagher D, Vichinsky E, Woods G, Berman B, Roach S, Nichols F, Adams RJ, "Can Peak Systolic Velocities be Used for Prediction of Stroke in Sickle Cell Anemia?"

2004

Best Basic Science Paper

Peng SSF, Lee WT, Wang YH, Huang KM, "Cerebral Diffusion Tensor Images in Children With Tuberous Sclerosis: A Preliminary Report"

Best Clinical Paper

Babyn PS, Chu WC, Tsou IYY, Wansaicheong GKL, Allen U, Britnun A, Chee TSG, Cheng FWT, Chiu MC, Fok TF, Hon EKL, Gahunia HK, Kaw GJL, Khong PL, Leung CW, Li AM, Manson D, Metreweli C, Ng PC, Read S, Stringer DA, "Severe Acute Respiratory Syndrome (SARS): Chest Radiographic Features in Children"

2003

Best Basic Science Paper

Xiang J, Holowka S, Sharma R, Hunjan A, Otsubo H, Chuang S, " Volumetric Localization of Somatosensory Cortex in Children Using Synthetic Aperture Magnetometry"

Best Clinical Paper

Grattan-Smith JD, Perez-Bayfield MR, Jones RA, Little S, Broecker B, Smith EA, Scherz HC, Kirsch AJ, "MR Imaging of Kidneys: Functional Evaluation Using F-15 Perfusion Imaging"

2002

Best Basic Science Paper

L Nield, X Qi, S Yoo, E R Valsangiacomo, L K Hornberger, G A Wright, "MRI-based blood oxygen saturation measurements in infants and children with congenital heart disease"

Best Clinical Paper

Lamer, S Dorgeret, AKhairouni, K Mazda, P Brillet, E Bacheville, J Bloch, G F Penneçot, M Hassan, G H Sebag, "Femoral head vascularisation in Legg-Calvé-Perthes disease: comparison of dynamic gadolinium-enhanced subtraction MRI with bone scintigraphy"