CLINICAL RESEARCH STUDIES

The impact of adjusting for reliability on hospital quality rankings in vascular surgery
Nicholas H. Osborne, MD, MS, Clifford Y. Ko, MD, MS, Gilbert R. Upchurch, Jr, MD, and Justin B. Dimick, MD, MPH, Ann Arbor, Mich; and Los Angeles, Calif

CME
Thirty-day mortality and late survival with reinterventions and readmissions after open and endovascular aortic aneurysm repair in Medicare beneficiaries
Kristina A. Giles, MD, Bruce E. Landon, MD, MBA, Philip Cotterill, PhD, A. James O’Malley, PhD, Frank B. Pomposelli, MD, and Marc L. Schermerhorn, MD, Boston, Mass; and Baltimore, Md

Invited Commentary: W. Anthony Lee, MD, Boca Raton, Fla

CME
Treatment options for delayed AAA rupture following endovascular repair
Manish Mehta, MD, MPH, Philip S.K. Paty, MD, Sean P. Roddy, MD, John B. Taggert, MD, Yaron Sternbach, MD, Paul B. Kreienberg, MD, Benjamin B. Chang, MD, and R. Clement Darling III, MD, Albany, NY

Perioperative cardiac events in endovascular repair of complex aortic aneurysms and association with preoperative studies
Guilherme L. Bub, MD, Roy K. Greenberg, MD, Tara M. Mastracci, MD, Matthew J. Eagleton, MD, Giuseppe Panuccio, MD, Adrian V. Hernandez, MD, PhD, and Manuel D. Cerqueira, MD, Cleveland, Ohio

Thrombus volume is associated with cardiovascular events and aneurysm growth in patients who have abdominal aortic aneurysms
Adam Parr, MBBS (Hons), Moira McCann, PhD, Barbara Bradshaw, RGN, Anwar Shahzad, MBBS, MRCP UK, Petra Buttner, PhD, and Jonathan Golledge, MChir, Townsville, Queensland, Australia

The advent of thoracic endovascular aortic repair is associated with broadened treatment eligibility and decreased overall mortality in traumatic thoracic aortic injury
Michael S. Hong, MD, Robert J. Feezor, MD, W. Anthony Lee, MD, and Peter R. Nelson, MD, MS, Gainesville, Fla

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Early and long-term results of carotid endarterectomy in diabetic patients
Walter Dorigo, MD, Raffaele Pulli, MD, Giovanni Pratesi, MD, Aaron Fargion, MD, John Marek, MD, Alessandro Alessi Innocenti, MD, and Carlo Pratesi, MD, Florence and Rome, Italy, and Albuquerque, NM

Critical appraisal of the Carotid Duplex Consensus criteria in the diagnosis of carotid artery stenosis
Ali F. AbuRahma, MD, Mohit Srivastava, MD, Patrick A. Stone, MD, Albeir Y. Mousa, MD, Akhilesh Jain, MD, L. Scott Dean, PhD, MBA, Tammi Keiffer, RN, and Mary Emmett, PhD, Charleston, WV

New brain lesions after carotid revascularization are not associated with cognitive performance
Katrin Wasser, MD, Sara M. Pilgram-Pastor, MD, Sonja Schnaudigel, MD, Tomislav Stojanovic, MD, Holger Schmidt, MD, Jana Knauf, MD, Klaus Gröschel, MD, Michael Knauth, MD, Helmut Hildebrandt, PhD, and Andreas Kastrup, MD, Göttingen and Oldenburg, Germany

Effects of statins on early and late results of carotid stenting
Fabio Verzini, MD, PhD, Paola De Rango, MD, Gianbattista Parlani, MD, Giuseppe Giordano, MD, Valeria Caso, MD, PhD, Enrico Cieri, MD, Giacomo Isernia, MD, and Piergiorgio Cao, MD, FRCS, Perugia and Rome, Italy

Inference from clinical and fluid dynamic studies about underlying cause of spontaneous isolated superior mesenteric artery dissection
Yang Jin Park, MD, Cheol-Woo Park, PhD, Kwang Bo Park, MD, Young Nam Roh, MD, Dong-Ik Kim, MD, and Young-Wook Kim, MD, FACS, Seoul and Daegu, Korea

Total laparoscopic renal artery bypass for restenosis after failed percutaneous transluminal renal stenting
Jérôme Cau, MD, Jean Baptiste Ricco, MD, Olivier Page, MD, Gilles Régnault de la Mothe, MD, Christophe Marchand, MD, and Alexandre Valagier, MD, Poitiers, France

Early and long-term comparison of endovascular treatment of iliac artery occlusions and stenosis
Raffaele Pulli, MD, Walter Dorigo, MD, Aaron Fargion, MD, Alessandro Alessi Innocenti, MD, Giovanni Pratesi, MD, John Marek, MD, and Carlo Pratesi, MD, Florence and Rome, Italy, and Albuquerque, NM

In situ rifampin-soaked grafts with omental coverage and antibiotic suppression are durable with low reinfection rates in patients with aortic graft enteric erosion or fistula
Gustavo S. Oderich, MD, Thomas C. Bower, MD, Jan Hofer, RN, Manju Kalra, MBBS, Audra A. Duncan, MD, John W. Wilson, MD, Stephan Cha, MS, and Peter Gioviczki, MD, Rochester, Minn

Management of perianastomotic stenosis of direct wrist autogenous radial-cephalic arteriovenous accesses for dialysis
Bertrand Long, MD, Nicolas Brichart, MD, Patrick Lermusiaux, PhD, Luc Turmel-Rodrigues, MD, Bernard Artru, MD, Jean Michel Boutin, MD, Josette Pengloean, MD, Philippe Bertrand, MD, and Franck Bruyère, MD, Tours and Le Mans, France
Multicenter randomized trial comparing compression with elastic stocking versus bandage after surgery for varicose veins
Fabrizio Mariani, MD, Enrico Maria Marone, MD, Vincenzo Gasbarro, MD, Matteo Bucalossi, MD, Sara Spelta, MD, Felix Amsler, MS, Michele Agnati, MD, and Roberto Chiesa, MD, Siena, Milano, and Ferrara, Italy; and Biel-Benken, Switzerland

Iliac vein stenting in postmenopausal leg swelling
Seshadri Raju, MD, Matthew Oglesbee, BS, and Peter Neglén, MD, PhD, Flowood, Miss

Clinical significance of cerebrovascular gas emboli during polidocanol endovenous ultra-low nitrogen microfoam ablation and correlation with magnetic resonance imaging in patients with right-to-left shunt
John D. Regan, MD, Kathleen D. Gibson, MD, Janet E. Rush, MD, Cynthia K. Shortell, MD, Stanley A. Hirsch, MD, and David D. I. Wright, MB, FCRS, Winston-Salem, NC; Bellevue, Wash; Durham, NC; Pittsburgh, Pa; London, United Kingdom; and W. Conshohocken, Pa

Invited Commentary: Peter Gloviczki, MD, Rochester, Minn

Postthrombotic vein wall remodeling: Preliminary observations
Kristopher B. Deatrick, MD, Megan Elfline, MS, Nichole Baker, RVT, Catherine E. Luke, LVT, Susan Blackburn, MS, and Catherine Stabler, RN, Thomas W. Wakefield, MD, and Peter K. Henke, MD, Ann Arbor, Mich

Effect of anticoagulation on endothermal ablation of the great saphenous vein
Mohsen Sharifi, MD, Mahshid Mehdipour, Curt Bay, PhD, Farnaz Emrani, BS, and Jalaladdin Sharifi, MD, Mesa, Ariz

Bleomycin A5 sclerotherapy for cervicofacial lymphatic malformations
Yaowu Yang, DDS, PhD, Moyi Sun, DDS, PhD, Qin Ma, DDS, PhD, Xiaobing Cheng, DDS, PhD, Jianhua Ao, DDS, Lei Tian, DDS, PhD, Lei Wang, DDS, PhD, and Delin Lei, DDS, Xi’an, China

BASIC RESEARCH STUDIES

The effects of ginsenoside Rb1 on endothelial damage and ghrelin expression induced by hyperhomocysteine
Zhiwei Xu, PhD, Taohua Lan, MD, Weikang Wu, MD, and Yiling Wu, PhD, Guangzhou and Shijiazhuang, Peoples Republic of China

The impact of ischemic intervals on neuromuscular recovery in a porcine (Sus scrofa) survival model of extremity vascular injury
Gabriel E. Burkhardt, MD, Shaun M. Gifford, MD, Brandon Propper, MD, Jerry R. Spencer, RVT, Ken Williams, MSc, Lyell Jones, MD, Nathan Sumner, MD, Jerry Cowart, DVM, and Todd E. Rasmussen, MD, San Antonio, Tex; and Bethesda, Md

Circulating B lymphocytes producing autoantibodies to endothelial cells play a role in the pathogenesis of Takayasu arteritis
Haitao Wang, MD, Jun Ma, MD, Qinghua Wu, MD, Xiaoyun Luo, MD, Zhong Chen, MD, and Lei Kou, MD, Beijing, China
Proof-of-principle study of steam ablation as novel thermal therapy for saphenous varicose veins

Renate R. van den Bos, MD, Rene Milleret, MD, Martino Neumann, MD, PhD, and Tamar Nijsten, MD, PhD, Rotterdam, The Netherlands; and Montpellier, France

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W. Anthony Lee, MD, Jon S. Matsumura, MD, R. Scott Mitchell, MD, Mark A. Farber, MD, Roy K. Greenberg, MD, Ali Azizzadeh, MD, Mohammad Hassan Murad, MD, MPH, and Ronald M. Fairman, MD, Boca Raton, Fla; Madison, Wis; Palo Alto, Calif; Chapel Hill, NC; Cleveland, Ohio; Houston, Tex; Rochester, Minn; and Philadelphia, Pa

Comparative effectiveness of the treatments for thoracic aortic transaction

Mohammad Hassan Murad, MD, MPH, Adnan Z. Rizvi, MD, Rafael Malgor, MD, Jantey Carey, MD, Aziz A. Alkatib, MD, Patricia J. Erwin, MLS, W. Anthony Lee, MD, and Ronald M. Fairman, MD, Rochester and Minneapolis, Minn; Stony Brook, NY; Boca Raton, Fla; and Philadelphia, Pa

CASE REPORTS

Management of non-giant cell arteritis disease of the superficial temporal artery

Nicos Labropoulos, PhD, Robert J. Meisner, MD, Antonios Gasparis, MD, and Apostolos K. Tassiopoulos, MD, Stony Brook, NY

A calcified lesion within the inferior vena cava presenting as recurrent pulmonary emboli

Andrew Chetwood, BMedSci, MBChB, MRCS, Martin Saweirs, BSc, MBChB, and Alun H. Davies, MA, MBBS, DM, FHEA, FRCS, London, United Kingdom

Complete spontaneous regression of an extrahepatic portal vein aneurysm

Purandath Lall, MBBS, Lohith Potineni, MD, and Hasan H. Dosluoglu, MD, Buffalo, NY

Endovascular management of superior mesenteric artery pseudoaneurysm

Gautam V. Shrikhande, MD, Sikandar Zaman Khan, MD, Katherine Gallagher, MD, and Nicholas J. Morrissey, MD, New York, NY

A multimodal therapeutic approach to phlegmasia cerulea dolens in a pediatric patient

Isabella Kuo, MD, Jason Smith, MD, and Ahmed M. Abou-Zamzam Jr, MD, Loma Linda, Calif

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CPT ADVISOR

Critical appraisal of the Carotid Duplex Consensus criteria in the diagnosis of carotid artery stenosis
Sean P. Roddy, MD, Albany, NY

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ABSTRACTS FROM THE 2011 AMERICAN VENOUS FORUM ANNUAL MEETING

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Regarding “Clinical course of asymptomatic patients with carotid duplex scan end diastolic velocities of 100 to 124 centimeters per second”
Raphae l Coscas, MD, Boulogne-Billancourt, France

Reply
Thomas S. Riles, MD, New York, NY

Regarding “Gender trends in the repair of ruptured abdominal aortic aneurysms and outcomes”
Hisato Takagi, MD, PhD, Hideaki Manabe, MD, Masafumi Matsui, MD, Shin-nosuke Goto, MD, and Takuya Umemoto, MD, PhD, Shizuoka, Japan

Reply
Leila Mureebe, MD, Durham, NC

Regarding “Analysis of risk factors for abdominal aortic aneurysm in a cohort of more than 3 million individuals”
Seamus Conor Harrison, MRCS, and Steve Eric Humphries, PhD, FRCP, London, United Kingdom

Reply
Giampaolo Greco, PhD, MPH, and K. Craig Kent, MD, New York, NY; and Madison, Wisc

Regarding “Asymptomatic carotid artery stenosis—Medical therapy alone versus medical therapy plus carotid endarterectomy or stenting”
Anne L. Abbott, MD, FRACP, PhD, Victoria and Melbourne, Australia

Reply
Peter A. Schneider, MD, Honolulu, Hawaii
Regarding “Haptoglobin 2-1 phenotype predicts rapid growth of abdominal aortic aneurysms”
Valerio Napolioni, MSc, Camerino, Italy

Reply
Ireneusz Wiernicki, PhD, Szczecin, Poland