Clinical Research Studies

Subclinical embolization after carotid artery stenting: New lesions on diffusion-weighted magnetic resonance imaging occur postprocedure
Joseph H. Rapp, MD, Laura Wakil, BA, Rajiv Sawhney, MD, Xian Mang Pan, MD, Midori A. Yenari, MD, Christine Glastonbury, MD, Sheila Coogan, MD, and Max Wintermark, MD, San Francisco, and Palo Alto, Calif
CME article

The impact of increasing age on anatomic factors affecting carotid angioplasty and stenting
Russell C. Lam, MD, Stephanie C. Lin, MD, Brian DeRubertis, MD, Robert Hyncecek, MD, K. Craig Kent, MD, and Peter L. Faries, MD, New York, NY
CME article

Prospective randomized trial of ACUSEAL (Gore-Tex) versus Hemashield-Finesse patching during carotid endarterectomy: Early results
Ali F. AbuRahma, MD, Patrick A. Stone, MD, Sarah K. Flaherty, BS, and Zachary AbuRahma, Charleston, WVa

Five-year report of a multicenter controlled clinical trial of open versus endovascular treatment of abdominal aortic aneurysms
Brian G. Peterson, MD, Jon S. Matsumura, MD, David C. Brewster, MD, and Michel S. Makaroun, MD, for the Excluder Bifurcated Endoprosthesis Investigators, St. Louis, Mo; Chicago, Ill; Boston, Mass; and Pittsburgh, Pa

The impact of gender on presentation, therapy, and mortality of abdominal aortic aneurysm in the United States, 2001-2004
James T. McPhee, MD, Joshua S. Hill, MD, and Mohammad H. Eslami, MD, Worcester, Mass

Abdominal aortic aneurysm neck remodeling after open aneurysm repair
Juergen Falkensammer, MD, W. Andrew Oldenburg, MD, Matthias Biebl, MD, Beate Hugl, MD, Albert G. Hakaim, MD, Julia E. Crook, PhD, Todd L. Berland, MD, and Ricardo Paz-Fumagalli, MD, Jacksonville, Fla; and Innsbruck, Austria
Patterns of aortic involvement in Takayasu arteritis and its clinical implications: Evaluation with spiral computed tomography angiography

Jin Wook Chung, MD, Hyo-Cheol Kim, MD, Young Ho Choi, MD, Sang Joon Kim, MD, Whal Lee, MD, and Jae Hyung Park, MD, Seoul, South Korea

Durability of renal artery stents in patients with transrenal abdominal aortic endografts

Donald T. Baril, MD, Robert A. Lookstein, MD, Tikva S. Jacobs, MD, Jamie Won, PA-C, and Michael L. Marin, MD, New York, NY

Duplex scan characteristics of bypass grafts to mesenteric arteries

Timothy K. Liem, MD, Jocelyn A. Segall, MD, Wei Wei, MD, Gregory J. Landry, MD, Lloyd M. Taylor, MD, and Gregory L. Moneta, MD, Portland, Ore

Primary revision of mid-vein stenoses in venous bypass conduits: Venous patch versus interposition vein

Paul Kreienberg, MD, Mohiuddin Cheema, MD, Benjamin B. Chang, MD, Philip S. K. Paty, MD, Sean P. Roddy, MD, and R. Clement Darling, III, MD, Albany, NY

CME article

The effect of intensified lipid-lowering therapy on long-term prognosis in patients with peripheral arterial disease

Harm H. H. Feringa, MD, Stefanos E. Karagiannis, MD, Virginie H. van Waning, MD, Eric Boersma, MD, Olaf Schouten, MD, Jeroen J. Bax, MD, and Don Poldermans, MD, Rotterdam, The Netherlands

CME article

Refinement of survival prediction in patients undergoing lower extremity bypass surgery: Stratification by chronic kidney disease classification

Christopher D. Owens, MD, Karen J. Ho, MD, Sang Kim, BS, Andres Schanzer, MD, Julie Lin, MD, MPH, Evan Matros, MD, Michael Belkin, MD, and Michael S. Conte, MD, Boston, Mass

Adjunctive parenteral therapy with lipo-ecraprost, a prostaglandin E1 analog, in patients with critical limb ischemia undergoing distal revascularization does not improve 6-month outcomes

Mark R. Nehler, MD, Eric P. Brass, MD, PhD, Richard Anthony, PhD, John Dormandy, DSc, Jenny Jiao, PhD, Thomas O. McNamara, MD, and William R. Hiatt, MD, for the Circulase investigators, Denver, Colo; Torrance, Pasadena, and Los Angeles, Calif; and London, United Kingdom

Hospital specific aspects predominantly determine primary failure of hemodialysis arteriovenous fistulas

Henricus J.T.A.M. Huijbregts, MD, Michiel L. Bots, MD, PhD, Frans L. Moll, MD, PhD, and Peter J. Blankestein, MD, PhD, on behalf of the CIMINO members, Utrecht, The Netherlands

Access flow, venous saturation, and digital pressures in hemodialysis

Frank van Hoonck, MD, Marc R. M. Scheltinga, MD, PhD, Martin Luirink, MD, Leo C. J. Raaymakers, Carola van Pul, PhD, and Charles H. Beerenhout, MD, PhD, Veldhoven, The Netherlands

Results of aggressive graft surveillance and endovascular treatment on secondary patency rates of Vectra Vascular Access Grafts

Stavros K. Kakkoos, MD, MSc, PhD, DIC, Roger Haddad, BS, Georges K. Haddad, MD, FACS, RVT, Daniel J. Reddy, MD, FACS, RVT, Timothy J. Nypaver, MD, RVT, Judith C. Lin, MD, RVT, and Alexander D. Shepard, MD, RVT, Detroit, Mich
Outcome of a comprehensive follow-up program to enhance maturation of autogenous arteriovenous hemodialysis access
Robert B. McLafferty, MD, Raymond W. Pryor III, MD, Colleen M. Johnson, MD, Don E. Ramsey, MD, and Kim J. Hodgson, MD, Springfield, Ill

Arteriovenous fistula for long-term venous access for boys with hemophilia
Walter J. McCarthy, MD, Leonard A. Valentino, MD, Ana Silvia Bonilla, MD, Irina Goncharova, MD, Audrey Taylor, BSN, Thomas A. Pooley, MS, RVT, and Chad E. Jacobs, MD, Chicago, Ill

Long-term outcomes of catheter directed thrombolysis for lower extremity deep venous thrombosis without prophylactic inferior vena cava filter placement
Clinton D. Protack, BS, Andrew M. Bakken, MD, Nikhil Patel, MD, Wael E. Saad, MD, David L. Waldman, MD, PhD, and Mark G. Davies, MD, PhD, Rochester, NY

Proximate versus nonproximate risk factor associated primary deep venous thrombosis: Clinical spectrum and outcomes
Peter K. Henke, MD, Eric Ferguson, MD, Manu Varma, BS, K. Barry Deatrick, MD, G. Thomas W. Wakefield, MD, and Derek T. Woodrum, MD, Ann Arbor, Mich

The utility of the venous clinical severity score in 682 limbs treated by radiofrequency saphenous vein ablation
Michael A. Vasquez, MD, Jiping Wang, MD, PhD, Marchyan Mahathanaruk, BS, Glenn Buczkowski, RPAC, Esther Sprehe, MS, ANP, and Hasan H. Dosluoglu, MD, Buffalo and Amherst, NY; Kirksville, Mo

Preliminary experience with a novel fluorescence lymphography using indocyanine green in patients with secondary lymphedema
Naoki Unno, MD, Kazunori Inuzuka, MD, Minoru Suzuki, MD, Naoto Yamamoto, MD, Daisuke Sagara, MD, Motohiro Nishiyama, MD, and Hiroyuki Konno, MD, Shizuoka, Japan

BASIC RESEARCH STUDIES

Smooth muscle cells cultured from human saphenous vein exhibit increased proliferation, invasion, and mitogen-activated protein kinase activation in vitro compared with paired internal mammary artery cells
Neil A. Turner, PhD, Selina Ho, BSc, Philip Warburton, David J. O’Regan, MD, FRCS, and Karen E. Porter, PhD, Leeds, United Kingdom

Inhibition of neointimal hyperplasia in a sheep model of dialysis access failure with the bioabsorbable Vascular Wrap paclitaxel-eluting mesh
Ted R. Kohler, MD, MSc, Philip M. Toleikis, PhD, David M. Gravett, PhD, and Rui L. Avelar, MD, Seattle, Washington; and Vancouver, British Columbia, Canada

Impaired Fas-induced apoptosis of T lymphocytes in patients with abdominal aortic aneurysms
Jian Zhang, MD, PhD, Dittmar Böckler, MD, PhD, Eduard Ryschich, MD, Klaus Klemm, MD, Hardy Schumacher, MD, PhD, Jan Schmidt, MD, PhD, and Jens R. Allenberg, MD, PhD, Shenyang, China; and Heidelberg, Germany
Evaluation of endovenous radiofrequency ablation and laser therapy with endoluminal optical coherence tomography in an ex vivo model

Claus-Georg Schmedt, MD, Oliver A. Meissner, MD, Kathrin Hunger, MD, Gregor Babaryka, MD, Volker Ruppert, MD, Mojtaba Sadeghi-Azandaryani, MD, Bernd Manfrred Steckmeier, MD, PhD, and Ronald Sroka, PhD, Munich, Germany

CASE REPORTS

Pseudoaneurysm of the abdominal aorta due to a needle-like osteophyte on the first lumbar vertebra

Einar Dregelid, MD, Guttorm Jensen, MD, Torbjørn Jonung, PhD, MD, and Audun Braaten, MD, Bergen, Norway

Treatment of an early type II endoleak causing hemorrhage after endovascular aneurysm repair for ruptured abdominal aortic aneurysm

Olivier Hartung, MD, Vincent Vidal, MD, Ivo Marani, MD, Anthony Saran, MD, Jean Michel Bartoli, MD, and Yves S Alimi, MD, PhD, Marseille, France

Infected splenic artery aneurysm with associated splenic abscess formation secondary to bacterial endocarditis: Case report and review of the literature

Robert A. McCready, MD, M. Ann Bryant, RN, John W. Fehrenbacher, MD, and Michael G. Rowe, MD, Indianapolis, Ind

Hepatic artery aneurysm involving the proper hepatic and gastroduodenal artery treated using a gastroepiploic artery in situ bypass

Takayuki Kadohama, MD, PhD, Norifumi Ohtani, MD, PhD, and Tadahiro Sasajima, MD, PhD, Muroran and Asahikawa, Japan

Subarachnoid hemorrhage after carotid artery stenting

Tadeusz Przewlocki, MD, PhD, Piotr Pieniazek, MD, PhD, Anna Kablak-Ziembicka, MD, PhD, Rafal Motyl, MD, PhD, Zbigniew Moczulski, MD, PhD, and Wieslawa Tracz, MD, PhD, Krakow, Poland

Endovascular treatment of a post-traumatic tibial pseudoaneurysm and arteriovenous fistula: Case report and review of the literature

Rita Spririo, MD, Piero Trabattoni, MD, Giulio Pompiio, MD, PhD, Stefano Zoli, MD, Marco Agrifoglio, MD, PhD, and Paolo Biglioli, MD, Milan, Italy

Subclavian venous aneurysm: Case report and review of the literature

Robert A. McCready, MD, M. Ann Bryant, RN, Janet L. Divelbiss, RN, and Bart A. Chess, MD, Indianapolis, Ind

VASCULAR IMAGES

Rupture of left common iliac artery aneurysm

Katsuya Shimabukuro, MD, Tadamasa Miyauchi, MD, and Hirofumi Takemura, MD, Gifu, Japan

SURGICAL ETHICS CHALLENGES

Going public with amazing cases: Fiat or fiasco?

James W. Jones, MD, PhD, MHA, and Laurence B. McCullough, PhD, Houston, Tex
LETTERS TO THE EDITOR

Regarding “Early and late complications of silicone patch saphenoplasty at the saphenofemoral junction”
Ronald G. Bush, MD, FACS, Dayton, Ohio

Reply
Marianne G. De Maeseneer, MD, PhD, Antwerp, Belgium

Regarding “Adjuvant arteriovenous fistula as a means of rescue for infrapopliteal venous bypass with poor runoff”
Herbert Dardik, MD, Englewood, NJ; New York, NY; and Philadelphia, Pa

Reply
Katariina Laurila, MD, and Mauri Lepantalo, MD, Helsinki, Finland

Error in Charing Cross Venous Ulcer Questionnaire (CXVUQ)
Andrew Jull, MA(Appl), and Varsha Parag, MSc, Auckland, New Zealand

Corrections

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