

◆ **TABLE OF CONTENTS** ◆

ENDOASCULAR ANEURYSM REPAIR

A Meta-Analysis of Outcome After Percutaneous Endovascular Aortic Aneurysm Repair Using Different Size Sheaths or Endograft Delivery Systems

George S. Georgiadis, MD; George A. Antoniou, MD; Miltos Papaioakim, MD; Efstratios Georgakarakos, MD; George Trellopoulos, MD; Nikolaos Papanas, MD; and Miltos K. Lazarides, MD, EBQS(vasc) *Alexandroupolis, Greece*

COMMENTARY: Percutaneous Access for Endovascular Aortic Surgery: The Way Forward

Jack Brownrigg, MBBS, and Matt Thompson, MD, FRCS *London, UK*

Endograft Accommodation on the Aortic Bifurcation: An Overview of Anatomical Fixation and Implications for Long-term Stent-Graft Stability

Efthimios D. Avgerinos, MD, PhD, MSc; Ilias Dalainas, MD, PhD; John Kakisis, MD, PhD, FEBVS; Konstantinos Moulakakis, MD, PhD, MSc; Triantafillos Giannakopoulos, MD, PhD; and Christos D. Liapis, MD, FRCS *Athens, Greece*

ENDOASCULAR REPAIRS IN THE THORACIC AND THORACOABDOMINAL AORTA

Branched Grafts for Thoracoabdominal Aneurysms: Off-Label Use of FDA-Approved Devices

Karthik Kasirajan, MD *Atlanta, Georgia, USA*

continued...

Early Results of Left Carotid Chimney Technique in Endovascular Repair of Acute Non-A–Non-B Aortic Dissections

Chang Shu, MD, PhD; Ming-Yao Luo, MD; Quan-Ming Li, MD; Ming Li, MD; Tun Wang, MD; and Hao He, MD *Changsha, People's Republic of China*

Impact of Stent-Graft Development on Outcome of Endovascular Repair of Acute Traumatic Transection of the Thoracic Aorta

Ludovic Canaud, MD; Frédéric Joyeux, MD; Jean-Philippe Berthet, MD; Kheira Hireche, MD; Charles Marty-Ané, MD, PhD; and Pierre Alric, MD, PhD *Montpellier, France*

Thoracic Aortic Pulsatility Decreases During Hypovolemic Shock: Implications for Stent-Graft Sizing

Frederik H.W. Jonker, MD, PhD; Jasper W. van Keulen, MD; Felix J.V. Schlosser, MD, PhD; Jeffrey E. Indes, MD; Frans L. Moll, MD, PhD; Hence J.M. Verhagen, MD, PhD; and Bart E. Muhs, MD, PhD *Rotterdam and Utrecht, The Netherlands; New Haven, Connecticut, USA*

Aortic Hammer Syndrome

Niels Komen, MD; Sven Vercauteren, MD, PhD; and Dominique de Roover, MD *Antwerp, Belgium*

COMMENTARY: The So-Called “Aortic Hammer Syndrome”

Ilias Dalainas, MD, PhD *Athens, Greece*

LOWER LIMB INTERVENTIONS

Retrograde Popliteal Access in the Supine Patient for Recanalization of the Superficial Femoral Artery: Initial Results

Fabrizio Fanelli, MD; Pierleone Lucatelli, MD; Massimiliano Allegritti, MD; Mario Corona, MD; Plinio Rossi, MD; and Roberto Passariello, MD *Rome, Italy*

COMMENTARY: Miniaturized Retrograde Popliteal Approach in a Supine Patient

Osami Kawarada, MD

Nara, Japan

CEREBROVASCULAR INTERVENTIONS

Determinants and Outcomes of Asystole During Carotid Artery Stenting

Kumar Satya, MD, MRCP; Kathy Dougherty, CRTT, CVT; Vei-Vei Lee, MS; Neil Strickman, MD; Ali Mortazavi, MD; Arup Achari, MD; Emerson Perin, MD, PhD; and Zvonimir Krajcer, MD *Houston, Texas, USA*

Interpretation of TCD Spectral Patterns Detected During Carotid Artery Stent Interventions

Hye Seon Jeong, MD; Hee-Jung Song, MD, PhD; Jae-Hwan Lee, MD, PhD; Si Wan Choi, MD, PhD; and Jei Kim, MD *Daejeon, South Korea*

COMMENTARY: Carotid Artery Stenting Drawbacks: Microembolic Ischemic Cerebral Lesions – Do They Matter?

Anna Kablak-Ziembicka, MD, PhD, and Tadeusz Przewłocki, MD, PhD
Krakow, Poland

An Endovascular Procedure–Specific Neurological Examination Scheme for Intraprocedural Monitoring in Awake Patients

Adnan I. Qureshi, MD *Minneapolis, Minnesota, USA*

COMMENTARY: The Endovascular Procedure–Specific Neurological Examination Scheme

Patrick D. Lyden, MD, FAAN *Los Angeles California, USA*

A Case of Contrast-Induced Encephalopathy Using Iodixanol

Emiliano Chisci, MD, PhD; Francesco Setacci, MD; Gianmarco de Donato, MD; and Carlo Setacci, MD *Siena, Italy*

COMMENTARY: New Insights Into the Risk Factors of Contrast-Induced Encephalopathy

Jennifer Yu, MBBS, and George Dangas, MD, PhD *New York, New York, USA*

Comparison of Short- and Long-term Results of Drug-Eluting vs. Bare Metal Stenting in the Porcine Internal Carotid Artery

Alexandra Schwarzmaier-D'Assie, MD; Noemi Nyolczas, MD, PhD; Rayyan Hemetsberger, MD; Christoph Strehblow, MD; Johannes Matiasek, MD; Serdar Farhan, MD; Kurt Huber, MD; Johann Wojta, PhD; Dietmar Glogar, MD; Christian Plass, MD; Mariann Gyöngyösi, MD, PhD; and Ronald Karnik, MD *Vienna, Austria*

ISES ENDOVASCULAR RESEARCH COMPETITION

Computational Analysis of Stresses Acting on Intermodular Junctions in Thoracic Aortic Endografts

Anamika Prasad, PhD; Lillian K. To, MSc; Madhu L. Gorrepati, MD; Christopher K. Zarins, MD; and C. Alberto Figueroa, PhD *Stanford, California, USA*

Magnitude of the Forces Acting on Target Vessel Stents as a Result of a Mismatch Between Native Aortic Anatomy and Fenestrated Stent-Grafts

Olufemi A. Oshin, BEng, MBChB, MRCS; Thien V. How, PhD; John A. Brennan, MD, FRCS; Robert K. Fisher, MD, FRCS; Richard G. McWilliams, FRCR; and S. Rao Vallabhaneni, MD, FRCS *Liverpool, UK*

Impact of Stent-Graft Oversizing on the Thoracic Aorta: Experimental Study in a Porcine Model

Igor Rafael Sincos, MD; Ricardo Aun, MD, PhD; Erasmo Simão da Silva, MD, PhD; Sergio Belczak, MD; Maria de Lourdes Higuchi, MD, PhD; Vitor Cervantes Gornati, MD; Pedro Nogueira Gigglio, MD; Anna Paula Weinhardt Baptista, MD; and Luiz Francisco Poli de Figueiredo, MD, PhD *São Paulo, Brazil*

Adjunctive Stenting of Endograft Limbs During Endovascular Treatment of Infrarenal Aortic and Iliac Aneurysms According to 3-Projection Completion Angiography

Claudio Bianchini Massoni, MD; Mauro Gargiulo, MD; Federica Giovanetti, MD; Antonio Freyrie, MD; GianLuca Faggioli, MD; Enrico Gallitto, MD; and Andrea Stella, MD *Bologna, Italy*

Endovascular Management of Stanford Type A Dissection or Intramural Hematoma With a Distal Primary Entry Tear

Oliver Lyons, MRCS; Rachel Clough, MRCS; Ashish Patel, MRCS; Prakash Saha, MRCS; Tom Carrell, FRCS; and Peter Taylor, FRCS *London, UK*

In Vitro Analysis of Type II Endoleaks and Aneurysm Sac Pressurization on Longitudinal Stent-Graft Displacement

Martyn Knowles, MD; Tiago Pellisar, MD; Erin H. Murphy, MD; Gregory A. Stanley, MD; Abraham F. Hashmi, MD; M. Zachary Arko; and Frank R. Arko III, MD *Dallas, Texas, USA*

CASE REPORT

Endovascular Repair of a Pancreatic Allograft Mycotic Aneurysm: Two-year Follow-up

Gregory J. Jaffers, MD; William T. Bohannon, MD; and Clifford Buckley, MD *Temple, Texas, USA*

LETTER TO THE EDITORS

Re: “Endovascular Management of Arterioenteric Fistulas: A Systemic Review and Meta-Analysis of the Literature”

Ray A. Dieter, Jr., MD, MS, and George B. Kuzycz, MD *Naperville, Illinois, USA*

Reply: Stavros K. Kakkos, MD, MSc, PhD, DIC, RVT; Spyros Papadoulas, MD, PhD; and Ioannis A. Tsolakis, MD, PhD *Patras, Greece*