

Annals of Vascular Surgery

The International Journal of Vascular Surgery and Endovascular Therapies

Volume 25

Number 2

February 2011

Official publication for:

Brazilian Society of Angiology and Vascular Surgery

French Society for Vascular Surgery

Peripheral Vascular Surgery Society, USA

Southern California Vascular Surgical Society

Vascular Interventional Advances (VIVA)

Vascular Society of India

Vascular Surgeons of Spanish Language

Contents

EDITOR'S COMMENTARY

Timothy M. Sullivan, *Minneapolis, MN* 151

INVITED COMMENTARY

The CREST Results: Another Piece to an Unfinished Puzzle 152
Norman R. Hertzler, *Beachwood, Ohio*

CLINICAL RESEARCH

Tertiary Patency as a Measure of Active Revascularization Policy for Leg Salvage 159
Maria Söderström, Eva Arvela, Maarit Venermo, Mauri Lepäntalo, and Anders Albäck, *Helsinki, Finland*

The Effect of Immunosuppression on Lower Extremity Arterial Bypass Outcomes 165
Joseph L. Grisafi, Cyrus Dadachanji, Rodeen Rahbar, Elizabeth Detschelt, Daniel H. Benckart, and Satish C. Muluk, *Pittsburgh and Philadelphia, Pennsylvania; and Washington, District of Columbia*

Peripheral Arterial Disease in Octogenarians and Nonagenarians: Factors Predicting Survival 169
Ville k. Koskela, Juha Salenius, and Velipekka Suominen, *Tampere, Finland*

Limb Salvage With *CryoVein* Cadaver Saphenous Vein Allografts Used for Peripheral Arterial Bypass: Role of Blood Compatibility 177
Bradley P. Zehr, Charles J. Niblick, Heidi Downey, and Joseph S. Ladowski, *Fort Wayne, Indiana*

Computerized Dynamic Posturography in the Objective Assessment of Balance in Patients With Intermittent Claudication 182
Katherine A. Mockford, Fayyaz A.K. Mazari, Alastair R. Jordan, Natalie Vanicek, Ian C. Chetter, and Patrick A. Coughlin, *Hull, United Kingdom*

Ambulatory Percutaneous Angioplasty in Patients With Claudication. 191
Blandine Maurel, Antoine Paumier, David Jacobi, François Bleuet, Robert Martinez, and Patrick Lermusiaux, *Tours and Angers, France*

A Long-Term Survival Score Improves Preoperative Prediction of Survival Following Major Vascular Surgery 197
Balachundhar Subramaniam, Yuval Meroz, Daniel Talmor, Frank B. Pomposelli, Yaacov Berlatzky, and Giora Landesberg, *Boston, Massachusetts; and Jerusalem, Israel*

Impact of Race on Infringuinal Angioplasty and Stenting	204
Terry J. Chong, Vincent L. Rowe, Fred A. Weaver, and Steven G. Katz, <i>Los Angeles, California</i>	
Endovascular Nitinol Stenting for Long Occlusive Disease of the Superficial Femoral Artery in Critical Limb Ischemia: A Single-Center, Mid-Term Result	210
Hang Hu, Hongkun Zhang, Yunjun He, Wei Jin, Lu Tian, Xudong Chen, and Ming Li, <i>Hangzhou, People's Republic of China</i>	
Use of a Totally Implantable Access Port Through the External Jugular Vein When the Cephalic Vein Approach is Not Feasible	217
Yi-Chang Lin, Chi-Hong Chu, Kuang-Wen Ou, De-Chuan Chan, Chung-Bao Hsieh, Teng-Wei Chen, Huan-Ming Hsu, and Jyh-Cherng Yu, <i>Taiwan, Republic of China</i>	
Renal Embolization and Nephrectomy in a Single Surgical Act in High-Risk Renal Tumor Pathology	222
Rubén Rodríguez Carvajal, Antonio Orgaz, José I. Leal, F. Javier Peinado, Sandra Vicente, José Gil, Ángel Flores, Juan Fontcuberta, Elena Buendia, Eduardo Bolufer, Antonio Gómez, and Manuel Doblas, <i>Toledo, Spain</i>	

BASIC SCIENCE RESEARCH

Interleukin-6: A Potential Target for Post-Thrombotic Syndrome	229
Brandon M. Wojcik, Shirley K. Wroblewski, Angela E. Hawley, Thomas W. Wakefield, Daniel D. Myers Jr, and Jose A. Diaz, <i>Ann Arbor, Michigan</i>	
Downregulation of FHL1 Expression in Thoracic Aortic Dissection: Implications in Aortic Wall Remodeling and Pathogenesis of Thoracic Aortic Dissection	240
Jianfeng Weng, Mingfang Liao, Sili Zou, Junmin Bao, Jian Zhou, Lefeng Qu, Rui Feng, Xiang Feng, Zhiqing Zhao, and Zaiping Jing, <i>Shanghai and Beijing, People's Republic of China</i>	
Immediately Postoperative B-Type Natriuretic Peptide and Its Predictive Value	248
Stuart Suttie, Reza Mofidi, Robyn McCallum, Sharon Christie, Murray Flett, Janos Nagy, Gareth Griffiths, Shaun Mcleod, Alan Struthers, and Peter Stonebridge, <i>Dundee, United Kingdom</i>	
Quantification and Location of <i>Chlamydia pneumoniae</i> -Specific Antigen in the Walls of Abdominal Aortic Aneurysms	256
Fei Xiong, and Ji-Chun Zhao, <i>Sichuan, People's Republic of China</i>	

CASE REPORT ABSTRACTS

Full text and images of these case reports can be seen at www.annalsofvascularsurgery.com

Dislodged Self-Expanding Carotid Stent Delivery Sheath Marker Ring Leading to Emergent Surgery	264
Jen-Hung Huang, Hsien-Li Kao, Wen-Re Hao, and Shih-Chung Chen, <i>Taiwan, R.O.C</i>	
Combined Femoral Vein Transposition and Iliac Vein to Suprarenal Vena Cava Bypass as a Last Resort Dialysis Access	264
Patricia H. Bellows, Javier E. Anaya-Ayala, Zulfiqar F. Cheema, Mark G. Davies, Alan B. Lumsden, and Eric K. Peden, <i>Houston, Texas</i>	
Use of Stent Grafts in Lower Extremity Trauma	264
Donald K. Stewart, Philip M. Brown, Ellis A. Tinsley Jr, William W. Hope, and Thomas V. Clancy, <i>Wilmington, North Carolina</i>	
Endovascular Treatment of a Huge Cervical Carotid Artery Pseudoaneurysm With Wallgraft Prosthesis	265
Chung-hsin Yeh, Maggie S.F. Lin, Mei-cheun Chiu, Chung-Hsiung Chen, and Yu-lin Pai, <i>Taiwan, Republic of China</i>	
Congenital Anomalies of Inferior Vena Cava in Young Patients With Iliac Deep Venous Thrombosis	265
Gabrielle Sarlon, Michel Alain Bartoli, Cyril Muller, Souad Acid, Jean-Michel Bartoli, Serge Cohen, Philippe Piquet, and Pierre-Edouard Magnan, <i>Marseille, France</i>	

Single-Stage Repair of Aortic Coarctation With Concomitant Bicuspid Aortic Valve and Ascending Aortic Aneurysm	265
Guofei Zhang, Qiang Feng, Dawei Zheng, and Yiming Ni, <i>Hangzhou, People's Republic of China</i>	
Current Management of True Aneurysm of the Dorsalis Pedis Artery	265
Xavier Berard, Rodolphe Bodin, François Saucy, Sébastien Deglise, André Paillet, Dominique Midy, and Jean-Marc Corpataux, <i>Bordeaux, France; and Lausanne, Switzerland</i>	
Extracorporeally Irradiated Autograft-prosthetic Composite Arthroplasty With Vascular Reconstruction for Primary Bone Tumor of the Proximal Tibia	266
Makoto Emori, Nobuyuki Hashimoto, Ken-Ichiro Hamada, Norifumi Naka, Hiroshi Takami, and Nobuhito Araki, <i>Osaka, Japan</i>	
Hybrid Aortic Arch Repair for a Ruptured and Infected Penetrating Atherosclerotic Ulcer of the Aortic Arch	266
Ludovic Canaud, Kheira Hireche, Thomas D'annoville, and Pierre Alric, <i>Montpellier, France</i>	
Abdominal Infectious Aortitis Caused by <i>Streptococcus pneumoniae</i> : A Case Report and Literature Review	266
Claire Cartery, Leonardo Astudillo, Amar Deelchand, Guillaume Moskovitch, Laurent Sailler, Jean-Pierre Bossavy, and Phillippe Arlet, <i>Toulouse, France</i>	
Aortic Transection and Diverting Bypass as Treatment of Repetitive Recurrent Abdominal Aortic False Aneurysm Rupture in a Patient With Behcet's Disease	267
Sang-Dong Kim, Yong-Sung Won, Sang-Seob Yun, Sun-Cheol Park, Ji-Il Kim, In-Sung Moon, and Yong-Bok Koh, <i>Seoul, Korea</i>	
Inferior Mesenteric Artery Aneurysm in the Setting of Chronic Colonic Vascular Ectasia	267
Clarence E. Clark, Jose R. Monzon, Shaun Gifford, Boulos Toursarkissian, and Jaime L. Mayoral, <i>San Antonio and Fort Sam Houston, Texas; and Cooperstown, New York</i>	
Chylothorax After Thoracoabdominal Aneurysm Repair: Efficacy of Somatostatin	267
Emrah Oguz, Anil Z. Apaydin, Fatih Ayik, Ozlem Balcioglu, and Ahmet Dolapoglu, <i>Izmir, Turkey</i>	
A Case of Rectal Obstruction Caused by Bilateral Internal Iliac Artery Aneurysms	267
Ai Sugimoto, Manabu Haga, Shinya Motohashi, Yoshiki Takahashi, Hiroshi Kanazawa, and Satoshi Nakazawa, <i>Niigata, Japan</i>	
Pseudoaneurysm of the Popliteal Artery in a Patient With Multiple Hereditary Exostoses	268
Predrag Pavić, Domagoj Vergles, Mirko Šarlija, Marko Ajduk, and Kristijan Čupurdija, <i>Zagreb, Croatia</i>	
Surgical Repair of a Giant Pseudoaneurysm of the Right Common Carotid Artery Following a Gunshot	268
Marcus Fokou, Jean J. Pagbe, Abel Teyang, Victor C. Eyenga, Bernadette Ngo Nonga, Emmanuel Fongang, Fidele Binam, and Wilhemn Sandmann, <i>Yaounde, Cameroon, Düsseldorf, Germany</i>	
Recurrent Lower Limb Abscesses as the Primary Manifestation of Aorto-Femoral Graft Paraprosthetic Fistula	268
Majdi El Hussein, Lamisse Karam, Georges Tabet, Victor Jebara, and Jacques Choucair, <i>Beirut, Lebanon</i>	
Left Preaortic Primitive Iliac Vein: Two Cases	269
Badre Rhissassi, Amine Bahnini, and Edouard Kieffer, <i>Paris, France</i>	
Severe Lower Limb Ischemia After Bee Stings	269
Majdi El Hussein, Lamisse Karam, Georges Maalouly, and Georges Tabet, <i>Beirut, Lebanon</i>	
Treatment of a Ballistic Wound of the Common Carotid Artery Revealed by a Spontaneous Carotid–Jugular Fistula	269
Amélie Mlynski, Nicolas Mocellin, Marc Imperato, Benoît Molimard, Emmanuel Bordier, Paul Menguy, and Bernard Baranger, <i>Paris, Clamart, and Lyon, France; and Djibouti, République de Djibouti</i>	

GENERAL REVIEW

- Brain Injury After Carotid Revascularization: Outcomes, Mechanisms, and Opportunities for Improvement 270
Joshua B. Goldberg, Philip P. Goodney, Sheba R. Kumbhani, Robert M. Roth, Richard J. Powell,
and Donald S. Likosky, *Lebanon, New Hampshire*

BASIC DATA UNDERLYING CLINICAL DECISION-MAKING IN ENDOVASCULAR THERAPY EDITOR, TIMOTHY M. SULLIVAN

- Carotid Artery Stenting 287
David Paul Slovut, *Sioux Falls, South Dakota*

HISTORICAL NOTE

- Edgar Van Nuys Allen: The Test Was Only the Beginning 294
Melissa R. Appio, and Kenneth G. Swan, *Newark, New Jersey*

Instructions to authors for *Annals of Vascular Surgery* are available on the internet. Go to:

<http://authors.elsevier.com/gfa/avsg>

Annals of Vascular Surgery is abstracted/indexed in: Medline, Current Contents and SCI Search.