

589 Prostatic Artery Embolization in the Treatment of Localized Prostate Cancer: A Bicentric Prospective Proof-of-Concept Study of 12 Patients

Livio Mordasini, Lukas Hechelhammer, Pierre-André Diener, Joachim Diebold, Agostino Mattei, Daniel Engeler, Gautier Müllhaupt, Suk-Kyum Kim, Hans-Peter Schmid, and Dominik Abt

Prostatic artery embolization (PAE) with the use of 100- μ m microspheres failed to achieve complete elimination of tumor cells. Extensive tumor regression was induced in some lesions, highlighting the need for further assessment of PAE as a potential treatment option for prostate cancer.

598 Progression of Treated versus Untreated Liver Imaging Reporting and Data System Category 4 Masses after Transcatheter Arterial Embolization Therapy

James Ronald, Rajan T. Gupta, Daniele Marin, Qi Wang, Nicholas S. Durocher, Paul V. Suhocki, and Charles Y. Kim

Liver Imaging Reporting and Data System category 4 masses that receive embolization in the setting of dominant masses elsewhere show lower rates of progression compared with untreated masses.

607 Aspiration Thrombectomy versus Conventional Catheter-Directed Thrombolysis as First-Line Treatment for Noniatrogenic Acute Lower Limb Ischemia

C.H. Ricky Kwok, Scott Fleming, Kenneth K.C. Chan, Jonathan Tibballs, Shaun Samuelson, John Ferguson, Sanjay Nadkarni, Joseph A. Hockley, and Shirley J. Jansen

First-line use of percutaneous aspiration thrombectomy for endovascular treatment of acute lower limb ischemia can reduce the need for catheter-directed thrombolysis, with no significant cost difference.

614 Use of the Gore Tigris Vascular Stent in Advanced Femoropopliteal Peripheral Arterial Disease

Pierleone Lucatelli, Marco Cini, Giulio Tommasino, Antonio Benvenuti, Giulia Guaccio, Stefano Bascetta, Eugenio Neri, and Carmelo Ricci

The Tigris stent used alone or in combination with a Viabahn stent for femoropopliteal Trans-Atlantic Intersociety Consensus type B–D lesions demonstrated acceptable 12-month primary patency with a low reintervention rate.

623 A Technique of “Chimney Nellix” for the Management of Type 1a Endoleak After EVAR

Simon Z. Joseph, C.H. Ricky Kwok, Joseph A. Hockley, Marek W. Garbowski, John Ferguson, Shaun Samuelson, and Shirley J. Jansen

628 Percutaneous Transthoracic Treatment of Ascending Aortic and Root Pseudoaneurysms: Procedural Aspects and Guidance with the Use of Multimodality Imaging

Frank Hao, Scott Genshaft, Stephen T. Kee, Timothy Canan, Eric H. Yang, and John M. Moriarty

632 Endovascular Treatment of Concurrent Bilateral Common and Internal Iliac Artery Aneurysms with Preserved Pelvic Circulation: Bilateral Iliac Branch Devices with Opposing Single Division Internal Iliac Artery Sparing

Ramsey Al-Hakim, Libby Watch, and Alex Powell

636 Gastric Varices Bleed at Lower Portosystemic Pressure Gradients than Esophageal Varices

Joseph D. Morrison, Nasya Mendoza-Elias, Andrew J. Lipnik, R. Peter Lokken, James T. Bui, Charles E. Ray, Jr, and Ron C. Gaba

Gastric varices (GV) bleed at lower portosystemic pressure gradients (PSGs) than esophageal varices (EV). EV, gastroesophageal varices, and isolated gastric varices bleeding is associated with successively lower PSGs. These findings highlight distinct physiology, anatomy, and behavior of GV compared with EV.

642 Quality Improvement Guidelines for Mesenteric Angioplasty and Stent Placement for the Treatment of Chronic Mesenteric Ischemia



Anil K. Pillai, Sanjeeva P. Kalva, Steven L. Hsu, T. Gregory Walker, James E. Silberzweig, Ganesan Annamalai, Mark O. Baerlocher, Jason W. Mitchell, Mehran Midia, Boris Nikolic, and Sean R. Dariushnia

648 Randomized Clinical Trial Evaluating Complications and Complication-Related Removal of Arm-Situated Power-Injectable and Non-Power-Injectable Totally Implanted Venous Access Devices among Cancer Patients

Brent Burbridge, Chris Plewes, Grant Stoneham, Peter Szkup, Rob Otani, Paul Babyn, and Rhonda Bryce

There was no difference in port-related complication occurrence or complication-related removal when using the arm power-injectable port compared with the non-power-injectable port among cancer patients.

657 New Regulatory Framework for Medical Devices in Japan: Current Regulatory Considerations Regarding Clinical Studies

Akihide Konishi, Soichiro Isobe, and Daisaku Sato

661 An Evaluation of Trends in Patient and Public Awareness of IR

David Heister, Susan Jackson, Margaret Doherty-Simor, and Isabel Newton

These data provide metrics of current and historical awareness trends in IR, which demonstrate low patient and public awareness. The findings of this study may help guide future efforts to promote patient and public awareness of IR.

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