EDITORIAL
459 Do Kidneys Need Blood?
J. Moss, P. Kalra and S. Chakraverty

STATEMENT
461 Response to ‘Statement from the European Society of Vascular Surgery and the World Federation of Vascular Surgery Societies’
Inter-Society Consensus Document (TASC) III and International Standards for Vascular Care (ISVaC)
L. Norgren, W.R. Hiatt and M.R. Jaff

CAROTID DISEASE
462 Imaging of the Vulnerable Carotid Plaque: Biological Targeting of Inflammation in Atherosclerosis using Iron Oxide Particles and MRI
J.M.S. Chan, C. Monaco, M. Wylezinska-Arridge, J.L. Tremoleda and R.G.J. Gibbs

AORTIC DISEASE
470 Editor’s Choice – Hybrid Treatment of Thoracic, Thoracoabdominal, and Abdominal Aortic Aneurysms: A Multicenter Retrospective Study

A high mortality and morbidity (especially paraplegia and mesenteric ischaemia) questions the role of hybrid techniques in this multi-centre study.

479 Differences in Mortality, Risk Factors, and Complications After Open and Endovascular Repair of Ruptured Abdominal Aortic Aneurysms

Age >75 and hypotension were independent predictors for death after open repair (but not EVAR), while low haemoglobin predicted death in both open and endovascular repair of rAAA.

487 3D Contrast Enhanced Ultrasound for Detecting Endoleak Following Endovascular Aneurysm Repair (EVAR)
A. Abbas, V. Hansrani, N. Sedgwick, J. Ghosh and C.N. McCollum

3D contrast enhanced ultrasound was able to identify inflow and outflow vessels involved in endoleaks after EVAR.

493 Rapamycin Limits the Growth of Established Experimental Abdominal Aortic Aneurysms

Intravenous rapamycin significantly reduced aortic aneurysm expansion in this animal model.
CONTENTS—continued

501 Graft Durability and Fatigue after In Situ Fenestration of Endovascular Stent Grafts Using Radiofrequency Puncture and Balloon Dilatation
L.A. Eadie, G. Soulez, M.W. King and L.W. Tse

Different stent graft fabrics exhibited varying morphological responses to in situ fenestration and some required cutting balloons to achieve full-sized fenestrations.

509 Early and Long-term Results after Reconstructive Surgery in 42 Children and Two Young Adults with Renovascular Hypertension due to Fibromuscular Dysplasia and Middle Aortic Syndrome
W. Sandmann, P. Dueppers, S. Pourhassan, A. Voiculescu, D. Klee and K.M. Balzer

Excellent initial technical success, good blood pressure control in the long term but one third required second or third operations.

PERIPHERAL ARTERIAL DISEASE

517 Angiosome-targeted Lower Limb Revascularization for Ischemic Foot Wounds: Systematic Review and Meta-analysis
F. Biancari and T. Juvonen

Direct angiosomal revascularization was associated with better wound healing and lower amputation rates in this meta-analysis of non-randomized studies.

Invited Commentary

523 Commentary on “Angiosome-targeted Lower Limb Revascularization for Ischaemic Foot Wounds: Systematic Review and Meta-analysis”
R. Forsythe and R. Hinchliffe

524 Randomized Trials for Endovascular Treatment of Infrainguinal Arterial Disease: Systematic Review and Meta-analysis (Part 1: Above the Knee)
S. Jens, A.P. Conijn, M.J.W. Koelemay, S. Bipat and J.A. Reekers

Balloon angioplasty with bailout bare metal stents for residual stenoses >30% in claudicants with above-the-knee arterial lesions. No clear strategy currently available for CLI patients.

536 Randomized Trials for Endovascular Treatment of Infrainguinal Arterial Disease: Systematic Review and Meta-analysis (Part 2: Below the Knee)
S. Jens, A.P. Conijn, M.J.W. Koelemay, S. Bipat and J.A. Reekers

Balloon angioplasty with bailout bare metal (rather than drug eluting) stents for CLI patients with below-the-knee arterial disease. More scientific data is urgently needed.

VENOUS DISEASE

545 Improvement of Venous Pumping Function by Double Progressive Compression Stockings: Higher Pressure Over the Calf is More Important Than a Graduated Pressure Profile
G. Mosti and H. Partsch

Two, superimposed progressive compression stockings (delivering higher pressures to the calf) almost normalized the calf muscle pump ejection fraction and were tolerated by patients.

550 Strategy and Long-term Outcomes of Endovascular Treatment for Budd–Chiari Syndrome Complicated by Inferior Vena Caval Thrombosis

The nature of the aspirated caval thrombus determined the subsequent endovascular and/or thrombolytic strategy.

558 Ultrasound-guided Intralesional Diode Laser Treatment of Congenital Extratruncular Venous Malformations: Mid-term Results

Endovenous laser ablation of congenital extratruncular venous malformations showed good short-term outcomes but more long-term data are required.
CONTENTS—continued

Invited Commentary
565  Commentary on ‘Ultrasound-guided Intralesional Diode Laser Treatment of Congenital Extratruncular Venous Malformations: Mid-term Results’
     B.B. Lee

MISCELLANEOUS
566  Luminal Surface Engineering, ’Micro and Nanopatterning’: Potential for Self Endothelialising Vascular Grafts?
     D.S.T. Chong, B. Lindsey, M.J. Dalby, N. Gadegaard, A.M. Seifalian and G. Hamilton
     An insight into how new technologies promoting graft endothelialisation may lead to the development of more effective, small-calibre non-autologous conduits.

577  Selected Abstracts from the May Issue of the Journal of Vascular Surgery
581  Forthcoming Events

Editor’s Choice: This paper has been selected by the Editor to be made available online as Open Access.

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