

European Journal of Vascular & Endovascular Surgery

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CAROTID AND SUPRA-AORTIC ARTERIES

- 516 **Editor's Choice – Prognostic Role of Pre-Operative Symptom Status in Carotid Endarterectomy: A Systematic Review and Meta-Analysis**
S. Ball, A. Ball and G.A. Antoniou
→ *Meta-analysis of 92 000 patients shows that pre-operative ischaemic symptoms double the risk of stroke or death after CEA; and those with a pre-operative stroke fare worse than those with pre-operative TIA.*
- Invited commentary:*
- 525 **Should We Be (Even More) Restrictive in Selecting Patients for Carotid Endarterectomy?**
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- 526 **Intra-Operative Hypotension is a Risk Factor for Post-operative Silent Brain Ischaemia in Patients With Pre-operative Hypertension Undergoing Carotid Endarterectomy**
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→ *Preliminary results suggest that larger blood pressure drops during CEA may be dangerous (55 patients with symptomatic stenosis): needs to be validated though.*
- Invited commentary:*
- 535 **More Questions Than Answers!**
A.R. Naylor
- 536 **Clinical Impact of Routine Cardiology Consultation Prior to Elective Carotid Endarterectomy in Neurologically Asymptomatic Patients**
F. Squizzato, M. Antonello, J. Tagliavoro, L. Prodocimi, F. Grego, M. Lupia and M. Piazza
→ *Routine cardiology consultation reduced cardiac complications and long term cardiovascular mortality - at least compared with historic controls (almost 2000 CEA patients analysed)*

AORTA AND MAJOR BRANCHES

- 545 **Systematic Review and Meta-analysis of Current Literature on Isolated Abdominal Aortic Dissection**
Y. Liu, M. Han, J. Zhao, L. Kang, Y. Ma, B. Huang, D. Yuan and Y. Yang
→ *Half of the patients present with acute symptoms, two thirds are being managed conservatively, and overall 30 day mortality is 3 % (482 patients analysed)*

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- 557 **Impact of Aortic Tortuosity on Displacement Forces in Descending Thoracic Aortic Aneurysms**
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- 565 **Elective Multistaged Endovascular Repair of Thoraco-abdominal Aneurysms with Fenestrated and Branched Endografts to Mitigate Spinal Cord Ischaemia**
L. Bertoglio, M. Katsarou, D. Loschi, E. Rinaldi, D. Mascia, A. Kahlberg, R. Lembo, G. Melissano and R. Chiesa
→ Observational data suggest a multistaged approach is promising but standardisation and formal comparative evaluation is needed
- 577 **Optimising Aortic Endovascular Repair in Patients with Marfan Syndrome**
Q. Pellenc, A. Girault, A. Roussel, R. De Blic, P. Cerceau, R. Raffoul, O. Milleron, G. Jondeau and Y. Castier
→ TEVAR in Marfan patients should avoid stent grafts with bare metal stents and limit proximal oversizing to < 10% (preliminary findings in 18 patients)
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- 586 **TEVAR in Patients With Marfan Syndrome: From Bailout to Strategy**
F.S. Schoenhoff and J. Schmidli

PERIPHERAL ARTERIES

- 587 **Editor's Choice — Long Term Survival after Femoropopliteal Artery Revascularisation with Paclitaxel Coated Devices: A Propensity Score Matched Cohort Analysis**
C.-A. Behrendt, A. Sedrakyan, F. Peters, T. Kreutzburg, M. Schermerhorn, D.J. Bertges, A. Larena-Avellaneda, H. L'Hoest, T. Kölbel and E.S. Debus
→ New perspective on risks and benefits of paclitaxel eluting devices based on a matched comparison of 38 000 PAOD patients
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- 597 **Are Paclitaxel-Enhanced Lower Limb Interventions Safe?**
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- 598 **Incidence and Risk Factors for Delirium in Elderly Patients with Critical Limb Ischaemia**
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→ Delirium is frequent and associated with an impaired prognosis - and can be predicted! (based on 392 CLTI patients)
- 606 **Prognostic Risk Modelling for Patients Undergoing Major Lower Limb Amputation: An Analysis of the UK National Vascular Registry**
G.K. Ambler, E. Thomas-Jones, A.G.K. Edwards and C.P. Twine
→ Major amputation is associated with high mortality; potentially modifiable predictors may inform quality improvement initiatives (some 9500 major amputations analysed)

DIALYSIS ACCESS

- 614 **Repair of Aneurysmal Arteriovenous Fistulae: A Systematic Review and Meta-analysis**
P. Baláž, S. Rokošný, J. Bařnec, A. Whitley and S. O'Neill
→ Most are treated for bleeding prevention; and simple aneurysmorrhaphy is the treatment of choice (597 fistula aneurysms analysed)
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- 624 **Summarising Small Studies on Big Fistulas**
M.G. Snoeijjs

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- 625 **Infrared Illumination and Subcutaneous Venous Network: Can it be of Help for the Study of CEAP C₁ Limbs?**
F. Ortega-Santana, P. Hernández-Morera, F. Ruano-Ferrer and A. Ortega-Centol
→ Near infrared illumination could be of help to see (and understand) characteristics of the subcutaneous venous network better (109 female legs investigated)

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→ Gentamicin containing implants did not reduce surgical site infections, but effect may have been missed as trial was underpowered (288 patients instead of 608)

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→ Electrospun conduits from bioabsorbable urethane showed good in vivo performance and biomechanical stability up to one year - promising!

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→ Six behavioural rules to reduce radiation exposure of operator and personnel!

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T.B. Hansen, R. Sjøgaard and J.S. Lindholt

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Editor's Choice: This paper has been selected by the Editor to be made freely available online.

 Additional material available online: <http://www.sciencedirect.com/science/journal/10785884/59>