Correspondence

lower rate of postoperative hypotension or hypertension that required intravenous fluid or medication in the CEA group when compared with the CAS group.

Personally, we – based on the experience from more than 1000 CEA performed under LA - believe that LA ultimately is the preferred anaesthetic technique for CEA. With this technique we had a combined 30-day incidence of any stroke or deah of 1.3% and a 30-day rate of myocardial infarction of 0.2%.

T. Luebke*, M. Aleksic, J. Brunkwall

Division of Vascular Surgery, University of Cologne, Cologne, Germany E-mail address: thomas_luebke@yahoo.de

References

- RERKASEM K, BOND R, ROTHWELL PM. Local versus general anaesthesia for carotid endarterectomy. *Cochrane Database Syst rev* 2004;2:CD000126.
- 2 BUSH RL, KOUGIAS P, GUERRERO MA, LUBBE DF, ZHOU W, LUMSDEN AB *et al*. A comparison of carotid artery stenting with neuroprotection versus carotid endarterectomy under local anaesthesia. *Am J Surg* 2005;**190**:696–700.

Accepted 17 October 2007 Available online 11 December 2007

doi:10.1016/j.ejvs.2007.10.009, available online at http://www.sciencedirect.com on ScienceDirect

Letter to the Editor regarding "Fast Track Open Aortic Surgery: Reduced Post Operative Stay with a Goal Directed Pathway". M.A. Murphy, T. Richards, C. Atkinson, J. Perkins and L.J. Hands. *Eur J Vasc Endovasc Surg* 2007;34:274-278.

Dear Sir,

We read with interest the article by Murphy *et al.*¹ and find it particularly valuable for bringing up the topic of early discharge after surgical AAA repair. Indeed, the mean postoperative stay of 13.5 days reported by the EVAR 1 trial does not reflect common surgical practice, and the concerns raised in the Invited Commentary regarding the improved outcome of patients after a reduced postoperative length of stay appear to be excessive.² On the contrary, we wonder what clinical benefit could be possibly associated with a two-week uncomplicated postoperative course. The historical assumption that AAA surgical repair requires ICU admission and prolonged gastric decompression for paralytic ileus have been previously challenged without any detriment for patients quality of care.^{3,4} The Authors employed an excellent goal-directed clinical pathway similar to the one implemented in our hospital. Differently though, we aim at discharge patients on day 4, allowing them to experience bowel canalization and return to solid diet within day 3. Also, epidural catheter is removed on the second or third postoperative day. We achieved this goal in 82% of the 1576 patients submitted to abdominal aortic aneurysms repair at our institution between January 2001 and October 2007. A complete recover of vital functions while in hospital improved patients' confidence and relatives' compliance.

We believe that any reduction of unnecessary postoperative stay, that we have advocated for both carotid endarterectomy⁵ and aortic surgery since 1995, not only reduces hospital costs, but allows a more rational distribution of resources in the best interest of patients in greater need of care.

M.M. Marrocco-Trischitta*

G. Melissano, R. Chiesa Chair of Vascular Surgery, San Raffaele Scientific Institute, Università Vita-Salute, San Raffaele, Via Olgettina, 60, 20132 Milan, Italy

E-mail address: max_marrocco@yahoo.com

References

- 1 MURPHY MA, RICHARDS T, ATKINSON C, PERKINS J, HANDS LJ. Fast track open aortic surgery: reduced post operative stay with a goal directed pathway. *Eur J Vasc Endovasc Surg* 2007;**34**(3):274–278.
- 2 VAN DER VLIET JA, VAN GOOR H. Invited Commentary on "Fast track open aortic surgery: reduced post operative stay with a goal directed pathway". Towards Aneurysm Repair in Day-care? Eur J Vasc Endovasc Surg 2007;34(3):279–280.
- 3 BERTGES DJ, RHEE RY, MULUK SC, TRACHTENBERG JD, STEED DL, WEBSTER MW et al. Is routine use of the intensive care unit after elective infrarenal abdominal aortic aneurysm repair necessary? J Vasc Surg 2000;32(4):634–642.
- 4 PODORE PC, THROOP EB. Infrarenal aortic surgery with a 3-day hospital stay: a report on success with a clinical pathway. J Vasc Surg 1999;29(5):787–792.
- 5 MELISSANO G, CASTELLANO R, MAZZITELLI S, ZOPPEI G, CHIESA R. Safe and cost-effective approach to carotid surgery. *Eur J Vasc Endovasc Surg* 1997;14(3):164–169.

Accepted 17 October 2007 Available online 11 December 2007 251

^{*}Corresponding author. T. Luebke, MD, Division of Vascular Surgery, University of Cologne, Joseph-Stelzmann-Straße 9, 50924 Cologne, Germany.

DOI of original article: 10.1016/j.ejvs.2007.04.019.

^{*}Corresponding author. M. M. Marrocco-Trischitta, M.D., Vascular Surgery, San Raffaele Scientific Institute, Via Olgettina, 60, 20132 Milan, Italy.