

# PUBLICATIONS

B.H. Walpoth, MD

## Cardiovascular research

### Cardiovascular surgery and flow measurements

**B.H. Walpoth**, A. Mohadjer, Ph. Gersbach, R. Rogulenko, B.N. Walpoth, U. Althaus: Intraoperative internal mammary artery transit time flow measurements: Comparative evaluation of two surgical pedicle preparation techniques. *Eur J Cardio-thorac Surg* 10: 1064-1070, **1996**. (IF 1.1)

**B.H. Walpoth**, A. Bosshard, I. Genyk, B. Kipfer, P.A. Berdat, O.M. Hess, U. Althaus, T.P. Carrel: Transit-time flow measurement for detection of early graft failure during myocardial revascularization. *Ann Thorac Surg* 66: 1097-100, **1998**. (IF 2.0)

**B.H. Walpoth**, A. Bosshard, B. Kipfer, P.A. Berdat, U. Althaus, T. Carrel: Failed coronary artery bypass anastomosis: detected by intraoperative coronary flow measurement. *Eur J Cardio-thorac Surg*, **1998** ; 14 (Suppl. 1): 76-81. (IF 1.676)

**B.H. Walpoth**, M.F. Müller, I. Genyk, B. Aeschbacher, B. Kipfer, U. Althaus, T.P. Thierry: Evaluation of coronary bypass flow with color-Doppler and magnetic resonance imaging techniques: comparison with intraoperative flow measurements. *Eur J Cardio-thorac Surg*, **1999**;15:795-802 (IF 1.676)

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**B.H. Walpoth**, G. Beldi, A. Bosshard, O.M. Hess, T. Carrel: Transit time flow measurements: from Bench to Bedside. In: Intraoperative graft patency verification in cardiac and vascular surgery. G. D'Ancona, H.L. Karamanoukian, M. Ricci, T.A. Salerno, J. Bergsland (Eds.). Futura Publishing Company, **2001**.

**Walpoth BH** Invited Commentary for: Leong DKH, et al. Transit-Time Flow Measurement is Essential in Coronary Artery Bypass Grafting. *Ann Thorac Surg* **2005**;79:857-8.

**Walpoth BH** Invited Commentary for: Ki-Bong Kim, Chang Hyun Kang, Cheong Lim. Prediction of graft flow impairment by intraoperative transit time flow measurement in off-pump coronary artery bypass using arterial grafts: comparison with the results of early postoperative coronary angiography. *Ann Thorac Surg* **2005**;80(2):599.

Cikirikcioglu M, Cikirikcioglu YB, Khabiri E, Djebaili MK, Kalangos A, **Walpoth BH**. Pre-clinical validation of a new intra-operative 'dual beam doppler' blood flowmeter in an artificial circuit. *Heart Surgery Forum* **2006**;9(1):E499-505 (IF 0.8)

**Walpoth B**, Schmid M, Schwab A, Bosshard A, Eckstein F, Carrel T, Hess OM. Vascular Adaptation of the Internal Thoracic Artery Graft Early and Late after Bypass Surgery. *J Thorac Cardiovasc Surg*. **2008** Oct;136(4):876-83. (IF 3.56)

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Cardiovascular research

## Cardiovascular surgery and flow measurements

Parmeseeven Mootosamy, Jalal Jolou, Patrick O. Myers, **Beat H. Walpoth**, Afksendiyos Kalangos, Mustafa Cikirikcioglu. External Saphenous Vein Support Mesh Does Not Interfere With Transit-Time Flow Measurement on Venous Coronary Bypass Conduit Clinical Confirmation. Case Report. Innovations (Phila). **2016** Jan-Feb;11(1):70-2. doi: 10.1097/IMI.0000000000000238.