

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)

T. Carrel, P. Berdat, **B.H. Walpoth**, B. Kipfer, O.M. Hess, P. Neidhart, J. Robe, T. Sieber, U. Althaus: Intra- and postop quality control in MIDCAB surgery. *Schweiz Med Wochenschr* 129:951-6, **1999**. (IF 0.3)

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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

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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.