

# PUBLICATIONS

## Beat H. Walpoth, MD

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## 1. Original articles (Peer Reviewed)

1. **B. Walpoth**, M. Fornaro, W. von Gossler, M. Turina: Tierexperimentelle Beurteilung des Myokardschutzes mittels Magnesiumasparaginat-procain-Loesung. Chir Forum. 1978; 99-102, Langenbecks Archiv Chirurgie. (IF 1.538)
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**6. Books**

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**8. Theses****A. Accepted Theses (Bern)**

1. **Volken, Ulrike**  
Retransfusion des Thoraxdrainageblutes: Quantitative und qualitative Analyse (1990)
2. **Locher, Thomas**  
Akzidentelle Hypothermie in der Schweiz (1980-1987) - Kasuistik und prognostische Faktoren (1990)
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Quantitative und qualitative Aspekte eines aus dem Restblut der extrakorporalen Zirkulation aufbereiteten Erythrozytenkonzentrates (1991)
5. **Tschopp, Andreas**  
Correlation of in vivo Cardiac Phosphorous Nuclear Magnetic Resonance with Myocardial Histology and Planimetry in Experimental Heterotopic Heart Transplantation (1991)
6. **Ammon, Andreas**  
Tierexperimentelle Erprobung neuer Gefässprothesen im arterio-venösen Shuntmodell unter besonderer Berücksichtigung der Prothesenvorbehandlung mit Albumin (1992)
7. **Amport, Thomas**  
Hemofiltration during Cardiopulmonary Bypass: Quality Assessment of Hemoconcentrated Blood (1993)
8. **Schmid, Roger**  
Intraoperative Aspiration und Reinfusion von autologem Blut bei der Resektion von Bauchaortenaneurismen mittels Solcotrans (1993)
9. **Moschovitis, Giorgio**  
Klinisch-diagnostische Wertigkeit von Troponin-T bei herzchirurgischen Eingriffen (1994)
10. **Walpoth, Nazan**  
Nachkontrolle von erfolgreich aufgewärmten Patienten nach tiefer akzidenteller Hypothermie und nachgewiesenem Kreislaufstillstand (1998)
11. **Senn, Pascal**  
Hirnvolumetrische Untersuchung bei Patienten nach akzidenteller Hypothermie und Kreislaufstillstand (1998)
12. **Eggensperger, Nicole**  
Blutaufbereitung mit dem kontinuierlichen autologen Transfusionssystem (CATS) bei herzchirurgischen Patienten (1999)

13. **Nicolaus**, Beatrice  
Erfassung der Abstossungsreaktion mittels MR-Spektroskopie und MR-Imaging nach orthotoper Herztransplantation beim Schwein (1999)
14. **Beldi**, Guido  
Transit time flow measurement: experimental validation and comparison of three different systems (2000)
15. **Pavlicek**, Michael  
Prevention of neointimal proliferation by immunosuppression in synthetic vascular grafts (2001)
16. **Bosshard**, Andreas  
Flow mismatch of arterial and venous coronary bypass grafts (2001)
17. **Aregger**, Fabienne und **Imboden**, Christian  
Preoperative autologous blood donation (PABD) in cardiac surgery: effect of erythropoietin and iron supplementation (EPOCARD TRIAL) (2002)
18. **Menth** Markus  
Assessment of Troponin I and T for the diagnosis of contusio cordis (2002)
19. **Springe** Dirk  
Pressure-flow relationship of arterial and venous bypass grafts (2002)
20. **Auf der Mauer**, Pia und **Fallegger**, Basil  
Transit-Time-Flussmessung vor und nach Karotisthrombendarterektomie (2003)
21. **Aregger**, Kathrin  
Treatment of low cardiac output by peripheral counterpulsation with ECG triggered muscle stimulation (2003)
22. **Schmid**, Markus / **Schwab**, Anna  
Vascular remodelling of ITA grafts by flow adaptation (2008)

#### **B. Accepted THESES (Geneva)**

1. **Karrer** Leo  
Assessment of thrombogenicity and bio-compatibility of degradable and non-degradable small synthetic vascular grafts (Docteur en medicine 26.4.2011)
3. **Meyer** Marie  
International Hypothermia Registry (development du premier register international sur l'hypothermie accidentelle)

#### **B. ONGOING THESES (Geneva)**

1. **Pfister** Raymond  
Morphometric analysis of intimal hyperplasia in stable and degradable vascular grafts
2. **Zenelaj** Besa  
In vitro and In vivo testing of new degradable PDS-based patches (sub-cutaneous patch implantation)

3. **Vogt Karin**  
Can lactate serve as an additional prognostic marker for the decision-making in patients under CPR with severe accidental hypothermia? A retrospective data analysis

#### **C. TRAVAIL DE DIPLOME (Sciences II)**

1. **Corboud Stephanie:**  
PCL electro-spinning of vascular grafts
2. **Patois Emilie:**  
CHITOSAN-based thermo-plastic gels
3. **Luca Ludmilla**  
Comparative study of the influence of the carrier nature and pH on rhBMP-2-induced ectopic bone formation

#### **D. PhD (Sciences II; Prof. Robert Gurny)**

1. **DE VALENCE Sarra**  
Synthetic Biodegradable Vascular Grafts For The Regeneration of Arteries  
29.11.12

#### **E. MASTER**

1. **WUARIN Lydia**  
Acellular / Cellular Myocardial Patch repair after AMI in the Rat Model  
August 2012

#### **F. INTERNATIONALLY CO-TUTORED PHD COURSE IN BIOTECHNOLOGY & BIOENGINEERING (Universities of Geneva and Verona)**

1. **CRESCE Giovanni**  
Small animal oxygenator
2. **INNOCENTE Francesco**  
Drug-eluting vascular prostheses
3. **RUNGATSCHER Alessio**  
Cell-based vascular tissue engineering

**9. ABSTRACTS presented at International Congresses**

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**10. ABSTRACTS presented at National Congresses**

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