

PUBLICATIONS

Beat H. Walpoth, MD

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1. Original articles (Peer Reviewed)

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6. Books

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

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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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Intraoperative Aspiration und Reinfusion von autologem Blut bei der Resektion von Bauchaortenaneurismen mittels Solcotrans (1993)
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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. MASTER1. **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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