

PUBLICATIONS

B.H. Walpoth, MD

Cardiovascular research

Hypothermia research and international registry

B.H. Walpoth, T. Locher, F. Leupi, P. Schüpbach, W. Mühlemann, U. Althaus: Accidental deep hypothermia with cardiopulmonary arrest: Extracorporeal blood rewarming in 11 patients. *Eur J Cardio-thorac Surg* 4: 390-393, **1990**. (IF 1.1)

T. Locher, **B. Walpoth**, D. Pfluger, U. Althaus: Akzidentelle Hypothermie in der Schweiz (1980-1987) - Kasuistik und prognostische Faktoren. *Schweiz Med Wochenschr* 121: 1020-1028, **1991**. (IF 0.3)

B. Walpoth, J. Galdikas, F. Leupi, W. Mühlemann, P. Schläpfer, U. Althaus: Assessment of hypothermia with a new tympanic thermometer. *J Clin Monit* 10: 91-96, **1994**. (IF 1.4)

Th. Locher, **B.H. Walpoth**: Differentialdiagnose des Kreislaufstillstands hypothermer Lawinenopfer: retrospektive Analyse von 32 Lawinenunfällen. *Schweizerische Rundschau für Medizin (PRAXIS)* 85 (41): 1275-1282, **1996**. (IF -)

B.H. Walpoth, B.N. Walpoth-Aslan, H.P. Mattle, B.P. Radanov, G. Schroth, L. Schäffler, A.P. Fischer, L. von Segesser, U. Althaus: Outcome of survivors of accidental deep hypothermia and circulatory arrest treated with extracorporeal blood warming. *N Engl J Med* 337: 1500-5, **1997**. (IF 28.9)

K.O. Lövblad, P. Senn, **B.H. Walpoth**, B.N. Walpoth, H.P. Mattle, B.P. Radanov, C. Ozdoba, G. Schroth: Increased Brain Tolerance for Ischemia in Accidental Deep Hypothermia and Circulatory Arrest. *Riv Neurorad* 11 (Suppl. 2): 224-226, **1998**. (IF 0.1)

Gert-Jan van der Ploeg, J. Carel Goslings, **Beat H. Walpoth**, Joost J.L.M. Bierens. Accidental hypothermia: rewarming treatments, complications and outcomes from one university medical centre. *Resuscitation*. **2010** Nov;81(11):1550-5. Epub 2010 Aug 11.

Meyer M, Pelurson N, Khabiri E, Siegenthaler N, **Walpoth BH**. Sequelaé-free long-term survival of a 65-year old woman after 8 hours and 40 minutes of cardiac arrest from deep accidental hypothermia. *J. Thorac Cardiovasc Surg*. **2014** Jan;147 (1):e1-2

Zafren K, Giesbrecht GG, Danzl DF, Bruger H, Sagalyn EB, **Walpoth B**, Weiss EA, Auerbach PS, McIntosh SE, Némethy M, McDevitt M, Dow J, Schoene RB, Rodway GW, Hackett PH, Bennett BI, Grisson CK. Wilderness Medical Society Practice Guidelines for the Out-of-Hospital Evaluation and Treatment of Accidental Hypothermia. *Wilderness & Environmental Medicine*. **2014**. Epub. 10/2014; 25(4).

Peter Paal, Les Gordon, Giacomo Strapazzon, Monika Brodmann Maeder, Gabriel Putzer, **Beat Walpoth**, Michael Wanscher, Doug Brown, Michael Holzer, Gregor Broessner, Hermann Brugger. Accidental hypothermia – an update. *Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine*. **2016**. 24:111 (Open Access Article.)

PUBLICATIONS

B.H. Walpoth, MD

Cardiovascular research

Hypothermia research and international registry

Rungatscher, A., Luciani, G. B., Linardi, D., Milani, E., Gottin, L., **Walpoth, B.**, Faggian, G. (2017). Temperature Variation After Rewarming from Deep Hypothermic Circulatory Arrest Is Associated with Survival and Neurologic Outcome. *Therapeutic Hypothermia and Temperature Management*, ther.2016.0037. <http://doi.org/10.1089/ther.2016.0037>

Beat H. Walpoth, Marie Meyer, Christophe Gaudet-Blavignac, Philippe Baumann, Pierre Gilquin, Christian Lovis. The International Hypothermia Registry. Dieter's ESAO Winter Schools & Beat's International Hypothermia Registry. Falkenhagen Commemorative Issue. *Int J Artif Organs* **2017**; 40(1): 40-42

Rungatscher, A., Luciani, G. B., Linardi, D., Milani, E., Gottin, L., **Walpoth, B.**, & Faggian, G. (2017). Temperature Variation After Rewarming from Deep Hypothermic Circulatory Arrest Is Associated with Survival and Neurologic Outcome. *Therapeutic Hypothermia and Temperature Management*, **2017** Jun;7(2):101-106

Mair P, Gasteiger L, Mair B, Stroehle M, **Walpoth B.** Successful Defibrillation of Four Hypothermic Patients with Witnessed Cardiac Arrest. *High Alt Med Biol.* 2019 Feb 25. doi: 10.1089/ham.2018.0084. [Epub ahead of print]

Gordon G. Giesbrecht, **Beat H. Walpoth.** Risk of Burns During External Rewarming for Accidental Hypothermia. *Wilderness Environ Med.* 2019 Sep 28. [Epub ahead of print]

Lucchelli M, Brugger H, **Walpoth BH**, Brodmann Maeder M (2020) Hypothermic Trauma Patients-Rewarming Before Trauma Assessment?. *Emerg Med Trauma.* EMT CJ-100025

Linardi D, **Walpoth B**, Mani R et al. Slow versus fast rewarming after hypothermic circulatory arrest: effects on neuroinflammation and cerebral oedema. *European Journal of Cardio-Thoracic Surgery*, Volume 58, Issue 4, October 2020, Pages 792–800

Beat H. Walpoth, Monika Brodmann Maeder, Delphine S. Courvoisier, Marie Meyer, Evelien Cools, Tomasz Darocha, Marc Blancher, Frédéric Champly, Lorenzo Mantovani, Christian Lovis, Peter Mair. Hypothermic Cardiac Arrest – Retrospective cohort study from the International Hypothermia Registry. *Resuscitation.* 2021. 167:58-65