

Curriculum vitae Prof. Thomas M. Berger

Name: Thomas M. Berger
Address: Brambergstrasse 25
6004 Luzern
Switzerland
E-Mail: tmberger@bluewin.ch

Date of Birth: 25th of January 1960
Place of Birth: Basel, Switzerland

Education and Medical Degree

1979-85 Medical School, University of Basel
1985 Medical Degree from the University of Basel
1986 Doctorate (Audiovisual Course: The Ultrastructure of the Cell)

Continuing Education

1986 Visiting Physician, Department of Anesthesiology, University Hospital of Basel
1986-87 Medical Officer, Mafikeng and Gelukspan, Bophuthatswana, South Africa
1987-88 Resident, Department of Surgery, Cantonal Hospital of St. Gallen
1988-90 Resident, Children's Hospital of Lucerne
1990-92 Resident, Department of Pediatrics, Mayo Clinic, Rochester, MN, USA
1992-95 Clinical Research Fellow, Joint Program in Neonatology, Harvard Medical School, Boston, MA, USA
1994-95 Director of Children's Hospital Transport Team, Children's Hospital, Harvard Medical School, Boston, MA, USA

1995-96 Clinical and Research Fellow, Department of Critical Care, Children's National Medical Center, George Washington University, Washington, DC, USA

Current Academic Position

since 2000 Lectureship, University of Berne
2005-2010 Assistant Professor, University of Berne
since 2010 Associate Professor, University of Berne

Clinical Positions

1997-2015 Director, Neonatal and Pediatric Intensive Care Unit, Children's Hospital of Lucerne
2003-2015 Co-Chief, Department of Pediatrics, Children's Hospital of Lucerne
2009-2015 Chief, Neonatal and Pediatric Intensive Care Unit, Children's Hospital of Lucerne
since 2016 Consultant and senior project advisor for the development of neonatal and pediatric intermediate care services at the Ospedale San Giovanni, Bellinzona
2017-2018 Private practice, *Chinderdokter vo Wolhuse*, Wolhusen, Switzerland
since 2017 Senior attending physician, Neonatology, Department of Obstetrics and Gynecology, Cantonal Hospital of Zug
since 2018 Senior attending physician, Neonatology, Andreas Klinik Cham, Switzerland

Medical Missions in Low Income Countries

2012 Ivory Coast (Mission I): Neonatal resuscitation training, Hôpital Méthodiste de Dabou, Ivory Coast

- 2013 Ivory Coast (Mission II): Neonatal resuscitation training, Hôpital Méthodiste de Dabou, Ivory Coast
- 2015 Ivory Coast (Mission III): Neonatology and neonatal resuscitation training, Hôpital Universitaire de Yopougon, Abidjan, Ivory Coast
- 2015 Namibia (Mission I): Neonatology and neonatal resuscitation training, Rundu State Hospital, Rundu, Namibia
- 2016 The Gambia (Mission I): Neonatology and neonatal resuscitation training, Edward Francis Small Teaching Hospital, Banjul, The Gambia
- 2016 Namibia (Mission II): Evaluation of neonatology services at Rundu State Hospital, Rundu, and neonatal resuscitation training at Welwitchia University, Windhoek, Namibia
- 2017 Namibia (Mission III & IV): Initiation of the NEO FOR NAMIBIA – Helping Babies Survive Project at Rundu State Hospital, Rundu, Namibia
- 2018 Namibia (Mission V): Consolidation of the NEO FOR NAMIBIA – Helping Babies Survive Project at Rundu State Hospital, Rundu, Namibia
- 2018 Namibia (Mission VI): Consolidation of the NEO FOR NAMIBIA – Helping Babies Survive Project at Rundu State Hospital, Rundu, Namibia
Evaluation of neonatology services at Onandjokwe Hospital, Rundu, Namibia (assessment if neonatology program can be expanded)

Scholarships and Awards

- 1995 Wyeth Pediatric Neonatology Research Fund
- 1999 Glaxo Welcome Scholarship for Pediatric Pulmonology
- 2001 Fred Bamatter Award
- 2004 Nufer Poster Award of the Swiss Society of Pediatrics
- 2018 1st Humanitarian Neonatology Award of the Swiss Society of Neonatology

Research Projects

- 1999-2005 Anatomical Institute of the University of Bern: Lung Development
Effect of dexamethasone on the postnatal expression of sm-actin and tenascin-C in rat lungs
Transmission and scanning electron microscopic examination of microvascular maturation in rat lungs
Effect of dexamethasone on microvascular maturation
Function of β 1-Integrin during lung development
- 2001-2005 Swiss Pediatric Surveillance Unit (SPSU)
Severe RSV infections in infants and small children under 3 years of age
- 2012-2017 National Research Foundation Program 67: End-of-life decision-making in extremely preterm infants in Switzerland

Further Certificates and Diplomas

- 1985 Foreign Medical Graduate Examination in the Medical Sciences (FMGEMS)
- 1991 Federal Licensing Examination, Minnesota (FLEX)
- 1992 Specialist for Pediatrics (FMH, Switzerland)
- 1993 Diplomat, American Board of Pediatrics
- 1995 Diplomat, Neonatal-Perinatal Medicine
- 1996 Specialist for Intensive Care Medicine (FMH, Switzerland)
- 1999 Fellow of the American Academy of Pediatrics (FAAP)
- 1999 Specialist for Neonatology (FMH, Switzerland)

Memberships in Professional Organizations

- Since 1988 Medical Federation of Helvetia (FMH)
- Since 1992 American Academy of pediatrics (AAP)
- Since 1995 Society of Critical Care Medicine (SCCM)
- Since 1998 Swiss Society of Intensive Care Medicine (SGI)

**NEO FOR
NAMIBIA**
HELPING BABIES
SURVIVE

- Since 1998 European Society of Intensive Care Medicine (ESICM)
- Since 1998 European Society for Pediatric and Neonatal Intensive Care (ESPNIC)
- Since 1999 Executive Board member, Swiss Society of Neonatology (SGN)
- Since 1999 Webmaster, Swiss Society of Neonatology (www.neonet.ch)
- 2009-17 Representative of the Swiss Society of Pediatrics in the Senate of the Swiss Academy of the Medical Sciences
- 2004-7 President elect, Swiss Society of Neonatology (SGN)
- 2008-11 President, Swiss Society of Neonatology (SGN)
- 2012-15 Past President, Swiss Society of Neonatology (SGN)
- Since 2017 Secretary and Chief Medical Advisor