

Curriculum Vitae

Karl Florian Schettler

M.D., MHBA

born Sep 17th 1974 in Munich, Germany



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School

1984 Theodor-Heuss-Elementary School, Munich
1993 Mathematical-science Heinrich-Heine-High School, Munich

University

1994 Begin of studies of human medicine at Ludwig-Maximilians-University of Munich
1996 Step 1 German state exam
1997 Step 2 German state exam
1998 USMLE Step 1
1999 Semester and electives at Harvard Medical School, Boston
2000 Step 3 German state exam
2000 USMLE Step 2
2001 Step 4 German state exam and medical licensing
2014-2016 Studies and degree as Master of Health Business Administration, University Erlangen-Nuernberg

Profession / Positions

1994 – 1999 Trainer, chief of operations and commissioner of emergency medical services at Johanniter-Unfall-Hilfe, Munich
1998-2000 Co-Assistent academic course macroscopic anatomy at Anatomic Institute of Ludwig-Maximilians-University of Munich
2001-2002 Resident Pediatric Surgery, Dr. von Haunersches Childrens Hospital of the Ludwig-Maximilians-University of Munich
2003-2008 Resident Pediatrics, Childrens Hospital St. Marien, Landshut
2008–2009 Fellowship Pediatric Intensive Care, Campus Großhadern of Ludwig-Maximilians-University of Munich
2014-2016 Fellowship Pediatric Cardiology, Campus Großhadern, Munich
2008-2019 Attending, Neonatology and Pediatric Intensive Care, Childrens Hospital St. Marien, Landshut
Since 2019 Chief of Neonatology and Pediatric Intensive Care, Deputy Chief of Pediatrics, Deputy Hospital Director, Childrens Hospital St. Marien, Landshut, Germany
Since 2021 Section Chief of Neurocritical Care, ESPNIC

Board/Subspecialty Certifications

January 2008: Paediatrics
September 2008: Neonatology
October 2009: Paediatric Intensive Care
November 2011: Paediatric Diabetology DDG
November 2021: Paediatric Cardiology

Publications

Neonatology and Gynecology, Book: Technical Biomedicine – Biosignals and Monitoring, Part 5, DeGruyter Publishing, to be published 2023

DPM1-CDG: Novel Variant with Severe Phenotype and Literature Review. Front Genet. 2022 Jul 13;13:889829. doi: 10.3389/fgene.2022.889829. PMID: 35910228; PMCID: PMC9326363.

Guiding antiepileptic therapy in a pediatric patient with severe meningoencephalitis and decompressive craniectomy with the use of amplitude-integrated EEG, Journal of Pediatric Intensive Care 06/2016, eFirst DOI: 10.1055/s-0036-1587328

Use of free medical checkup for children by german population, Master thesis for degree Master of Health Business Administration, University of Erlangen-Nuernberg

The Diabetes Riding Camp, Poster Annual meeting German Diabetes Society 2014, Berlin

The amplitude-integrated EEG in Neonatology, Neonatologie Scan, Dec 2013 315-336

Dramatic neurologic symptoms covering the picture of intussusception, Poster annual meeting pediatric neurology societies 2013, Innsbruck, Austria

Current use of amplitudenintegrated EEG (aEEG) in Germany, Poster annual meeting of the German Society of Neonatology and Pediatric Intensive care 2012, Hamburg, Germany

The aEEG booklet, Nihon Kohden Publishing, 2011, published in English, German, Japanese and Russian

Hypothermia treatment of the asphyxiated newborn, Gynäkologie+Geburtshilfe Dec 2010

Current Research interests

Non-invasive cardiac output measurement in neonates

Use of Neuromonitoring, especially aEEG in Neonatology and Paediatric Intensive Care

Academic exchanges / visits

2005 Neonatology, Vanderbilt University, Nashville, Tennessee, USA

2014 Neonatology, University of California, Los Angeles, USA

Important lectures and teaching activities

Since 2004: 3 times each year Course for Echocardiography and Dopplerultrasound in Neonatology and Paediatric Intensive Care, Landshut

Since 2008: yearly workshops „aEEG in Neonatology“ in Landshut, Hannover, Vienna

Since 2011: yearly Workshop aEEG in Neonatology at annual Conferences of the German Neonatal and Paediatric Intensive Care Society

2011 Seizures in Neonatology – role of the aEEG, Eastern Germany neonatal nursing meeting, Dresden

2011 and 2012 Therapeutic Hypothermia in asphyctic newborns and in pediatric intensive care“, German Academy for enhancement of neurodevelopmental care, Munich

2012 aEEG in Neonatology, Incekara Neonatology Symposium, Istanbul, Turkey
"Master Class - The amplitude-integrated EEG (aEEG) in Neonatology“, St. Petersburg, Russia

2012 Workshop "aEEG in Neonatology" and lecture “The use of aEEG in Neonatology in theory and daily practice - based on a current survey in Germany” at “The 48th Annual Congress of Japan Society of Perinatal and Neonatal Medicine”, Oomiya, Japan

2012 „The use of aEEG in daily practice“, Hurghada, Egypt

2012 "Reading the newborn brain - what can (a)EEG tell you ?“, Annual Conference of the Belgian Society of Neonatology , Brussels, Belgium

2013 Congress President, Munich Neocon – Munich International Neonatal Conference

2013 "Master Class - The aEEG in Neonatology“, Tscheboksary, Russia

2013 Conference President, Munich International Conference - Improvement of neurodevelopmental outcome in Neonatology and PreConference Workshop: The amplitudeintegrated EEG in Neonatology, Munich, Germany

2013 Seoul aEEG Symposium, Coex Intercontinental Hotel, Seoul, South Korea
"The amplitude-integrated EEG - Basics, lessons from use in Neonatology and benefit for adult medicine“, Yonsei University, Severance Hospital, Seoul, South Korea

2014 Chairman of Session „Neuroprotection“ at the annual meeting of the German Neonatal and Paediatric Intensive Care Society

2015 „aEEG in the HIE population and the effect of hypothermia on aEEG assessment“, 11th conference of the European Pediatric Neurology Society, Vienna, Austria

2015 „amplitude-integrated EEG - seeing ghosts or a reliable predictor?“, Annual Meeting of European Society of Pediatric and Neonatal Intensive Care, Vilnius, Lithuania

2016 “Use of aEEG in asphyxia and more...”, The Neonate Conference, Shanghai, China

2016 China Tour aEEG workshops in Beijing, Jinan, Changsha, Wuhan

2016 aEEG workshop, APHP - South Paris University Hospitals, "A.Beclere" Medical Center

2017 India Tour aEEG workshops in Chennai, Bengaluru, Jaipur, Mumbai

2017 “Rationale for the aEEG monitoring in the Neonate” and aEEG workshop at Neonatal Emergencies Symposium 2017, Poznan, Poland

2018 aEEG workshops in Riad, Saudi Arabia and Madrid, Spain

2018 “Therapeutic Hypothermia – New Perspectives” and “aEEG in preterm infants”, Annual Neonatal Society Meeting, Mexico

2018 Conference President, Munich Neocon, International workshops on aEEG and NIRS

2019 “aEEG – seizures and beyond”, 7th International Congress of Neonatologists of Ukraine

2020 “aEEG monitoring beyond HIE”, Neonatal Care Academy eSeminar

2021 aEEG workshop, 1st virtual South African Paediatric Association Congress

2021 “Practical approach to continuous EEG monitoring in the PICU” and “cEEG vs. aEEG monitoring in the PICU”, ESPNIC Xperience

2021 “Neuromonitoring in cardiac intensive care patients”, Annual Conference of the German Society of Neonatal and Paediatric Intensive Care

2022 “Advanced Neuromonitoring in the Intensive Care Unit” and “Each unit should have a neurocritical care programme”, EAPS Barcelona

2023 “aEEG in the cardiac/surgery patient”, ESPNIC Section of Neurocritical Care Webinar Series