

Helmut D. Hummler



Qualifications

MD, MBA

Job Title

**Senior Attending
Neonatology**

Division

Neonatology

Specialties

**Neonatal Critical Care,
Neonatal Pulmonology,
Mechanical Ventilation,
Neonatal Resuscitation
Quality of Care**

Years of Experience

39

Languages Spoken

English, French, German

Short Biography

Dr. Hummler graduated in 1986 from the medical school of the University of Tübingen, Germany. After his residency in Pediatrics in Germany he received his training in Neonatology from 1992 to 1995 by Eduardo Bancalari, M.D. at the Division of Neonatology, Department of Pediatrics, Jackson Memorial Medical Center, University of Miami, Florida, U.S.A.

After returning to Germany Dr. Hummler joined the staff of the Division of Neonatology und Pediatric Critical Care, Children's Hospital, University of Ulm, Germany in 1996, where he became Division Chief in 2005. He received his M.B.A. and became Professor of Pediatrics in 2006 and Vice-Chairman of the Dept. of Pediatrics in 2008. He joined the faculty at Sidra Medicine, Doha, Qatar to become Chief of the Division of Neonatology in 2017 and was appointed as Professor of Pediatrics at Weill Cornell Medicine – Qatar in 2018. His team introduced family-centered care the new standard in Sidra Medicine, Doha, Qatar. In 2021 he joined the Dept. of Neonatology, Tübingen University, Germany, and became Chief of the Division of Neonatology and Pediatric Critical Care, Marburg, Germany in 2023. He retired from clinical care in 2024 and from September 2024 to July 2025 he supported the European foundation for the care of newborn infants (EFCNI) as Senior Medical Director.

His research interests are related to neonatal lung injury, mechanical ventilation, permissive hypercapnia and to the effects of hypoxemic episodes in VLBWI. He was involved in the development of several modes for mechanical ventilation including an automated device for closed-loop FiO₂ control. His group was actively participating in many international clinical trials, and he has published more than 150 original articles in peer-reviewed journals and editorials and book chapters.

In recent years his activities were focused on research activities related to quality of care as well. In a close collaboration with other stakeholders from obstetrics he led a multidisciplinary team to reduce the rate of IVH and to improve neurodevelopmental outcome substantially and for more than 10 years. He received the Scientific Award of the German Society of Neonatology and Pediatric Intensive Care and received several awards as a Top Physician in Neonatology in Germany. In 2018 he received the Chief Executive Recognition Award (CEO Sidra Medicine, Doha, Qatar).

He has been/is a member of many national and international scientific committees and a frequent peer reviewer for many scientific journals. He is a fellow of the American Academy of

Pediatrics and a member of the Society of Pediatric Research and the European Society of Pediatric Research. Dr. Hummler served as an invited speaker at more than 150 national and international meetings and postgraduate courses.

Dr. Hummler is a strong advocate of family-centered care, based on "core principles such as dignity and respect for parents/families, information exchange, family participation in care, and cooperation on all levels needed". He believes that clinical care must be delivered to the highest standards possible. Furthermore, in his opinion participation in "Quality related clinical research should be a uniform standard in NICUs thriving for excellence".

31st July, 2026