

Dr. Martin Kneyber (1972) is Chief of the Division of Paediatric Critical Care Medicine at the Beatrix Children's Hospital, University Medical Center Groningen, Groningen, the Netherlands. Dr. Kneyber obtained his medical degree in 1998 (cum laude) at the Erasmus University Rotterdam and completed his specialist training in Paediatrics in 2003 at the Wilhelmina Children's Hospital, Utrecht (chair: prof.dr. J.L.L Kimpen). Since 2005 he is board certified in paediatric critical care. Dr. Kneyber completed a PhD thesis in 2000 at the Erasmus University Rotterdam (promotor: prof.dr. R. de Groot). He is a fellow of the American College of Critical Care Medicine.

Dr. Kneyber has served on the Institutional Review Board of the VU university medical center, Amsterdam and was a member of the scientific committee of the European Society for Paediatric and Neonatal Intensive Care (ESPNIC) and the first elected chair of the Section on Respiratory Failure of the ESPNIC. Currently, he serves as Chief Scientific Affairs of ESPNIC. He is a member of the editorial board of Pediatric Critical Care Medicine. He frequently acts as reviewer for international journals in the field of critical care medicine.

His main research interest relates to paediatric mechanical ventilation. From a clinical perspective he is interested in understanding respiratory physiology during health and disease in mechanically ventilated children. His basic research focuses on ventilator-induced lung injury and its relationship with multiple system organ failure. He is the PI for the PAN (Paediatric Ards Neuromuscular blockade) study funded by ZonMW and MPI for PROSpect (Prone and Oscillation pediatric clinical trial) funded by the NIH/NHLBI.

Dr. Kneyber has published more than 100 scientific papers and contributed to various book chapters. He frequently gives invited lectures and workshops at international critical care conferences.