

Professor Britta Regli-von Ungern-Sternberg holds the foundation Chair of Paediatric Anaesthesia at the University of Western Australia (the first of its kind in Australasia), and is a specialist paediatric anaesthetist at Perth Children's Hospital and the team leader of the Perioperative Medicine Team at Telethon Kids Institute, Perth, Australia. She leads the most active paediatric anaesthesia research program in Australasia which is also an internationally leading program focusing on continuously driving improvements in safety and quality of care along the perioperative pathway. The research team is strengthened by its multidisciplinary nature comprising anaesthetists, surgeons, physicians, nurses, allied health professionals, engineers, scientists, statisticians and health economists across multiple medical and academic institutions. These diverse clinical networks provide strong evidence for immediate translation into tangible health benefits for young Australians.

Her main research interests relate to the prediction and prevention of respiratory complications in paediatric anaesthesia, lung function changes during anaesthesia, the evaluation of different airway devices, as well as the impact of anaesthesia in early life on a child's neurodevelopment.

Britta was appointed to the Clinical Senate of Western Australia (2020-present) and sits on the Scientific Advisory Safety Committee of the Child and Adolescent Health Service Human Research Ethics Committee. She is a member of the Executive for the Clinical Trials Network of the Australia and New Zealand College of Anaesthetists (ANZCA) as well as the co-chair of the ANZCA Research Committee and sits on the Society for Paediatric Anaesthesia Research Committee. She is a Section Editor and Editorial Advisory Board member for the journal Pediatric Anesthesia and Anaesthesia Critical Care and Pain Medicine.