

- 1.:Applied Neurophysiology & Neuropharmacology, *Kelley Flesher, W. Andrew Kofke, and Ramani Balu*
- 2.:Physiology of Cerebral Blood Flow, *Ossama Khazzaal, and W. Andrew Kofke*
- 3.:Cardiorespiratory Support, *Michele Salvagno, Chiara Robba, and Fabio Silvio Taccone*
- 4.:Fluid Management, *Abdullah Bib Zahid, and Jose Suarez*
- 5.:Sedation & Analgesia, *Patrick Mark Wanner, Geert Meyfroidt, and Luzius A. Steiner*
- 6.:Nutrition, *Yaseen M. Arabi, and Jean-Charles Preiser*
- 7.:Intracranial Pressure, *Carolina Iaquaniello, and Giuseppe Citerio*
- 8.:Cerebral Blood Flow Monitoring, *Nuno V. Gomes, and Luzius A. Steiner*
- 9.:Monitoring Cerebral Oxygenation, *Matthew R. Leach, and Lori A. Shutter*
- 10.:Cerebral Microdialysis, *Sara Venturini, Keri L.H Carpenter, Peter J. Hutchinson, and Adel Helmy*
- 11.:Multiomodal Monitoring & Artificial Intelligence, *J. Claude Hemphill, and Rajat Dhar*
- 12.:Brain Echography, *Aarti Sarwal, Chiara Robba, and Giuseppe Citerio*
- 13.:Electrophysiology, *Elizabeth E. Carroll, and Jan Claassen*
- 14.:Neuroimaging, *Sara Shams, Mana Shams, and Max Wintermark*
- 15.:Postoperative Care, *Nicolas Bruder*
- 16.:Traumatic Brain Injury, *Tommi K. Korhonen, Angelos Koliass, Richard T. Protheroe, and Peter J. Hutchinson*
- 17.:Subarachnoid Haemorrhage, *Katharina Busl, Sema Akkus, and Carolina Maciel*
- 18.:Intracerebral Haemorrhage, *Craig S. Anderson and Magdy H. Selim*
- 19.:Acute Ischaemic Stroke, *Ugan Reddy and Martin Smith*
- 20.:Spinal Cord Injury, *Anahita Malvea, Lauren D. Hachem, and Michael G. Fehlings*
- 21.:Neuromuscular Disorders, *Maxwell S. Damian and Werner J. Z 'Graggen*
- 22.:Epilepsy & Status Epilepticus, *Jan Novy, and Andrea O. Rossetti*
- 23.:Infection & Inflammation, *Pedro Kurtz, and Romain Sonnevile*
- 24.:Neuro-COVID, *Virginia F.J. Newcombe, and Elisa R. Zanier*
- 25.:Postcardiac Arrest Syndrome, *Jerry P. Nolan, and Claudio Sandroni*
- 26.:Disorders of Consciousness, *Leandro R.D Sanz, Oliver Bodart, and Steven Laureys*
- 27.:Nonneurological Complications, *Ian C. Schoonbaert, and Andreas H. Kramer*
- 28.:Electrolyte & Endocrine Disturbances, *Mathieu Van der Jagt, and Marcel Aries*
- 29.:Paediatric Neurocritical Care, *Emma Harley, Valerie Rae and Tsz-Yan Milly Lo*
- 30.:Neurocritical Care in Resource Poor Environments, *Gentle Sunder Shrestha, Ritesh Lamsal, and Indranil Ghosh*
- 31.:Brain Death, *Ariane Lewis, and Rafael Badenes*
- 32.:Organ Donation, *Michael J. Souter, and Jan Gunst*
- 33.:Ethics, *Erwin J.O Kompanje*