

Special Issue

Updates on Anesthesia and Intensive Care among Neonates and Children

Message from the Guest Editors

Anesthesia for and the intensive care of small children, especially newborns or infants, are challenging for anesthetists. The appropriate assessment of a child's health condition and proper preparation for anesthesia and intensive care may affect the number of complications, and insufficient and incorrect qualifications may be a source of many risks. Small children are a group of patients who are more likely to develop circulatory and respiratory system failure. The consequences of these disorders are more serious the younger the child is—the effects of hypoxia and hypotension particularly include the central nervous system. Circulatory and respiratory disorders often occur with other concomitant diseases and congenital defects. This Special Issue aims to discuss matters associated with pediatric and neonatal anesthesia and intensive care and its management, with a particular focus on pain management. The scope of the Issue includes the pharmacological treatments, regional anesthesia, epidemiology of neonatal and pediatric pain, pain education for care givers or health care professionals, and end-of-life care on neonatal and pediatric intensive care units.

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