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## Neonatal Airway Management

Guest Editor:

**Dr. Joaquim M. B. Pinheiro**

Department of Pediatrics, Albany  
Medical College, MC-101, 47 New  
Scotland Avenue, Albany, NY  
12208, USA

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### Message from the Guest Editor

Neonates needing assisted ventilation often require an artificial airway. The normal neonatal airway is intrinsically difficult to manage due to its small dimensions and anatomical relationships, which also vary widely between extremely preterm and full-term newborns. Neonates are often physiologically unstable, and some have airway anomalies. Consequently, tracheal intubation of neonates has a relatively low success rate, and it is associated with acute risks and long-term complications. Additionally, unplanned extubations occur more frequently in newborns than any other age group. These problems are currently addressed by single-center and collaborative efforts, using clinical research, quality improvement and patient safety methodologies. Finally, devices are being increasingly developed to support less-invasive respiratory support of neonates, and to facilitate airway management with reduced technical expertise required of neonatal caregivers. This Special Issue of *Children* will address in neonatal airway management, including normal and anomalous development and injury, tracheal intubation and its associated complications.



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**Special** Issue



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### **Prof. Dr. Paul R. Carney**

Departments of Child Health and Neurology, University of Missouri, 400 Keene Street, Columbia, MI 65201, USA

## Message from the Editor-in-Chief

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*Children* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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