

Special Issue

Advances in Intensive Care for Critically Ill Neonates: Clinical Diagnosis and Treatment

Message from the Guest Editor

Critically ill neonates born prematurely and at term represent a major challenge for healthcare professionals. Critically ill neonates are infants with a broad spectrum of diseases and disorders that emerge pre-, peri- or postnatally and who need life support treatment in the neonatal intensive care unit (NICU). The NICU is a place where initial and final diagnoses, carried out many times with the involvement of an interdisciplinary team, are confirmed and treatment is ongoing. Treatment options involving modern life support systems (mechanical ventilation, extracorporeal membrane oxygenation, blood purification techniques, etc.), surgeries, and the most advanced medicines are also available in the NICU. The treatment and prevention of pain, combatting nosocomial infections, and total parenteral nutrition are also of great importance. Healthcare professionals' support for the families of the critically ill neonates is a prerequisite for the completeness of the care of critically ill neonates. Additionally, different ethical issues may arise during intensive treatment in the NICU.

Guest Editor

Prof. Dr. Stefan Grosek

1. Neonatology Section, Department of Perinatology, Division of Obstetrics and Gynecology, University Medical Centre Ljubljana, Šlajmerjeva 3, 1000 Ljubljana, Slovenia
2. Department of Paediatrics, Faculty of Medicine, University of Ljubljana, Bohoričeva 20, 1000 Ljubljana, Slovenia

Deadline for manuscript submissions

closed (5 July 2025)



Children

an Open Access Journal
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Impact Factor 2.1
CiteScore 3.8
Indexed in PubMed



mdpi.com/si/205260

Children
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
children@mdpi.com

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You are invited to contribute a research article or comprehensive review for consideration and publication in *Children* (ISSN 2227-9067). *Children* is an open access journal—research articles, reviews, and other content are published online immediately after acceptance. The scientific community and the general public have unlimited free access to the content as soon as it is published. The journal focuses on sharing clinical, epidemiological, and translational science relevant to children's health. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Paul R. Carney
Departments of Child Health and Neurology, University of Missouri, 400
Keene Street, Columbia, MO 65211, USA

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