

## Special Issue

# Clinical Insights into Pediatric Critical Care

### Message from the Guest Editors

The presence of anemia in critically ill children in the PICU is common. Because of diminished oxygen delivery, anemia has been shown to worsen patient outcomes, though the degree of anemia that is present matters. One potential factor that has clinical significance is the presence of metabolic alterations in transfused red blood and storage time, although the clinical effects of these entities are controversial. Additionally, transfusion of other blood product components—including platelets, fresh frozen plasma, and cryoprecipitate—has come under review for critically ill children with life-threatening bleeding. The use of whole blood as a resuscitative fluid in children with life-threatening bleeding and the use of tranexamic acid to help with blood clotting are areas of increasing interest in the management of hemorrhage in pediatric ICUs. Clinicians and scientists are encouraged to submit original research papers or state-of-the-art reviews for the upcoming Special Issue focusing both on all aspects of transfusions in critically ill children and appropriate management of hemorrhage in critically ill children.

### Guest Editors

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### Deadline for manuscript submissions

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