

# Hemoglobin Levels and Postoperative Outcome in Pediatric Surgical Patients

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## Abstract

Postoperative outcome in children is multifactorial. Among the reported predictors of postoperative outcome, preoperative anemia has been related to adverse outcome in children. A secondary analysis was undertaken to determine the correlation between hemoglobin levels and postoperative outcome in children included in a cohort of an observational pediatric study published previously since this analysis has not been done. To determine the correlation between preoperative, intra-operative, postoperative hemoglobin levels and postoperative outcome in children in neurosurgery, abdominal and orthopedic surgery. Secondary analysis of a sub-cohort of 252 pediatric surgical patients with a median age of 62 months. Hemoglobin levels are among other multifactorial predictors of postoperative outcome in pediatric surgical patients emphasizing the importance of a global patient blood management implementation program to improve outcome in surgical children.

## Biography

Claudine Kumba graduated as Medical Doctor in 2001, completed her specialization in Anesthesiology in 2006 at the Université Libre de Bruxelles, ULB, Brussels, Belgium. She has a Pediatric Anesthesia specialization graduation since 2010

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