

International Congress on PEDIATRICS

February 08-09, 2023 | Webinar

Operative treatment of pediatric pelvic and acetabulum fractures: Indications and clinical results**Victor de Ridder***Department of Pediatric Trauma, Wilhelmina Children Hospital, Netherlands*

Pelvic fractures in children are rare, with an incidence estimated to be in the range of 0.5% to 7.0% (1-4) of all blunt pediatric traumas. However, mortality is significant with a reported range of 1.4% to 25%, and an average of 6.4% (1,2,5,14,18). The average age is 11.8 years old, range 3 – 16 years and the gender distribution 46% girls and 54% boys.

Paediatric pelvic fractures are rare and differ from adults in aetiology, fracture type and associated injuries. They are observed in multi-trauma patients, with severe associated injuries. Treatment of these children in specialised hospitals is likely to provide the best outcome because of the rarity of these fractures. Only a small percentage of the fractures need operative treatment. Aim for reconstruction of anatomically correct pelvic ring and/or acetabulum. The unstable pelvic fracture requires anatomical reduction to avoid deformity, just as the unstable acetabulum fracture requires anatomic reduction to avoid late arthritis. In a significant proportion of the operated patients, morbidity and mortality were not linked to the pelvic fractures, but to the associated injuries. Long term prognosis depends on achieved pelvic symmetry and injury to the acetabulum

Biography

Victor de Ridder is a Department of Pediatric Trauma, Wilhelmina Children Hospital, Netherlands and board certified and member of Dutch General Surgery Society, Orthopedic Trauma Association (USA; international member) and have experience in Pediatric Trauma from past many year and have treated many patients and achieved lot of certification and a key note speaker of many conferences.