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PEDIATRIC SURGERY

AN APPROACH TO PEDIATRIC TRAUMA

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Abstract: Trauma is one of the common preventable causes of mortality and morbidity in children. The systematic evaluation of an injured child is an integral part of the curriculum in the training of emergency care pediatricians and pediatric surgeons. The management protocol starts with the primary survey and resuscitation, followed by secondary survey and re-evaluation. This protocol based step by step evaluation ensures that the life threatening complications are promptly identified and addressed without the risk of being overlooked. This article provides a comprehensive overview of the initial assessment and the subsequent management of pediatric trauma including the current guidelines in the initial evaluation of pediatric head trauma.

Keywords: Cervical spine, Tension pneumothorax, Fast scan.

Points to Remember

- Remember mnemonic SAMPLE Signs and symptoms, allergy, medication, past history, last meal, last tetanus and event in pediatric trauma history taking.
- Triage, treatment and transfer are important in the trauma care of children.
- Primary survey in recognising life threatening injuries.
- GCS less than 8, flail chest, loss of laryngeal reflex are signs of imminent death.

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