Neglected Injuries and Their Management
A Clinical Study
The adolescent diaphyseal fractures (Hum, Tibia & Fibula, Humerus, Radius & Ulna) pose a dilemma regarding the optimal treatment. During this period, the skeleton is actively growing, so any form of treatment should be such that at one hand it should not reduce the mobility of the child as occurs in different conservative mode of treatments and on the other hand it should not damage the growing ends of the bone as may occur in some operative procedures like rigid nailing. So, keeping these problems in mind a most suited & balanced approach to manage these fractures in Adolescents is Elastico-intra-medullary nailing. It is a simple, minimally invasive technique with minimal implantation. There is less soft tissue disruption, blood loss & cosmetic damage. There is a short learning curve and no risk of pressure sores or growth disturbances. Elasto-intra-medullary nailing provides a combination of elastic mobility & stability. Living screws also provide stability and aid in the rapid healing with minimal growth disturbance thus leading to rapid return of function - hence it is a physiological method of treatment.

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Elastic Intra-medullary Nailing for Diaphyseal Fractures in Adolescent
A Novel Approach for Paediatric Diaphyseal Fractures
Pediatric supracondylar fractures are still a challenge to Orthopaedic Surgeons due to their high complication rate. These complications may range from Malunion to life-threatening Compartment Syndromes or even Gangrene. To prevent and optimize treatment is the key to successful outcome. Considering all these in mind, Closed Pinning has proved to be an effective method of treatment for displaced Supracondylar fractures of Humerus in children. This is a minimally invasive surgery with no chance for redisplacement of fracture thus reducing the chances of Malunion and Cubitus Varus deformity.

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Closed Pinning for Pediatric Supracondylar Humerus Fractures

A Minimally invasive & Novel approach to Supracondylar Humerus Fractures in Children