



Editorial

The great magician from Kurugan. G. A. Ilizarov

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In this era of advancement of Orthopaedics and Trauma surgery, innovations have led to newer methods of Surgery with rewarding results and recovery.

One such innovative method of treatment originated in Siberia, Russia, by the Magician of Orthopaedics Gavriel Abramovich Ilizarov.

He devised a special apparatus called the Ring fixator, which are held by fine wires, working on the principle of trampoline effect, causing micromotion between the fracture ends and stability is provided by the tensioned wires.

The initial indication was for recalcitrant infections and nonunions of bones. The principle used was Distraction compression neohistogenesis.

The principle showed that, distraction compression stimulates just not the bone but also the soft tissue. Hence this principle was used in extended indications, like, Soft tissue contractures, deformity, malunions and even in Buerger's disease. This procedure helped in gaining length and function in a limb and salvaging the limb in those difficult cases where Amputation is the last option.

In India, ilizarov Surgery has evolved itself in a great way as the road traffic accidents due to not following of traffic rules is rampant and so is the neglect of immediate definitive treatment.

Late complications of trauma surgery can also be corrected by this procedure.

It is a boon for Paediatric orthopaedic surgery as the principle of Neohistogenesis in the paediatric age group shows promising results.

We celebrate the birthday of G.A. Ilizarov on 15th of June and in memory of his we share this great man's contribution towards Orthopaedics. In true sense he is a Magician of Kurugan.

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