

4TH ANNUAL ORTHOPAEDIC CONGRESS

July 15-16, 2019 | Zurich, Switzerland

Management of osteomyelitis by stimulant

Syed Mohsin and Shankar K

Hassan institute of medical sciences, India

The complex and heterogeneous nature of chronic osteomyelitis, necessitates a multi-disciplinary approach, involving experts in the field of orthopaedic tumour, infection and limb reconstruction surgery, plastic surgery, microbiology and nursing. Numerous surgical techniques and adjuvant therapies have been developed during the past three decades in order to deal with the wide spectrum of pathology that falls under the heading of chronic osteomyelitis. Despite these developments, the outcome of current treatment protocols remains unsatisfactory, with failure of therapy.

Materials and methods: Cases with osteomyelitis of long bone in adolescents which were previously

managed by multiple surgeries, presented with recurrence, discharging sinus, pus was first sent for culture and found to be *Staphylococcus aureus* sensitive to Vancomycin. Sequestrectomy and saucerisation and thorough debridement of the canal was performed following which Stimulan pellets prepared with vancomycin were packed in the canal, wound was closed. Serial monitoring was done once in 3 weeks after about 2 months xray showed a good response.

Conclusion: Since biodegradable antibiotic drug delivery systems are effective against osteomyelitis, it stands to reason that they might also be effective in prophylaxis.

Biography

Syed Mohsin currently working as Assistant professor in the Department of Orthopedics at Hassan Institute of Medical Sciences, India.

drsmohsinortho@gmail.com