

Col. Sangham Lal Oration

Orator : Dr. M.V. Natarajan, FAMS

CUSTOM MEGA PROSTHESIS IN BONE TUMOURS

ABSTRACT

We used custom mega-protheses in 156 patients with aggressive benign and malignant tumours of the proximal humerus. The most common tumour was osteosarcoma, followed by giant cell tumour and chondrosarcoma. We achieved extra-articular and wide resection margins in all primary malignant tumours and narrow margins in benign and metastatic tumours. 15 patients died of disease, 12 patients developed local recurrences and 123 were continuously disease free at an average follow-up of 10.2 years (range 1–20 years). Fifteen patients required revision replacements. The most common complications were proximal subluxation and aseptic loosening. Functional outcome was satisfactory in 70% of cases.