

International Conference on  
**ARTHROPLASTY AND ORTHOPEDIC SURGERY**

November 08-09, 2021 | Vienna, Austria



✉ [arthroplasty@scientexconferences.com](mailto:arthroplasty@scientexconferences.com) ☎ +1 346-293-7664 🌐 <https://www.arthroplasty.scientexconference.com/>

## Fibular strut graft technique for benign lesion of proximal femur.

**Name:** DIBYA SINGHA DAS

**Affiliation:** Assistant Professor at Utkal University

**Country:** India

**Email ID:** drdibyasinghadas@gmail.com

### ABSTRACT

Benign bone tumors and tumor-like conditions are very common in proximal femur. The main indications for surgical treatment are lesions with impending fractures or established pathological fractures, or with aggressive or recurrent lesions. Different surgical methods have been described by various researchers.

**Methods and Materials:**

We present our experience of non-vascularized fibular strut graft insertion in benign lytic lesion affecting the proximal femur. Our study group consisted of 32 patients with different lytic lesion of proximal femur (20 males, 12 females) between the age group of 14 to 43 years. Following biopsy confirmation and thorough curettage of the lesion, taking care not to leave any pathological tissue behind, full circumference autogenous fibular strut grafts are harvested. Fibular struts are inserted into the lesions after reaming where ever required. Internal fixation was done using various intra- or extramedullary implants as per necessity. Most of the patients were relieved from pain by 10-14 weeks, grafts showed signs of incorporation by 4-6 months duration; good bony union and satisfactory function were achieved by 9 months to 15 months. In our series all but one pathological fracture resulted in good bony healing, radiological signs of union was seen by 10-16 weeks, fibular grafts incorporated well with the parent bone, patients were relieved of pain and achieved satisfactory function.

### BIOGRAPHY

Dr Dibya Singha has completed his MS Orthopaedics at the age of 28 years from Utkal University, India. He is the head and consultant Joint Replacement at Sparsh Hospital, India and Consultant Joint replacement at Utkal Hospital, India. He is the Joint secretary of Odisha Arthroscopy Society, India.

International Conference on  
**ARTHROPLASTY AND ORTHOPEDIC SURGERY**

November 08-09, 2021 | Vienna, Austria



✉ [arthroplasty@scientexconferences.com](mailto:arthroplasty@scientexconferences.com) ☎ +1 346-293-7664 🌐 <https://www.arthroplasty.scientexconference.com/>

**Presenter Name:** DIBYA SINGHA DAS.

**Mode of Presentation:** Oral/Poster.

**Contact number:** +91 0 943 961 7777



Upload your photo here.

