



## E-BABE-Periprosthetic Fractures Following Hemi-Arthroplasty of Hip

**Lokesh Kumar Yogi**

*Government Medical College and Hospital Aurangabad (M.S.) MUHS Nashik University, India*

### **Abstract:**

**Background:** Hemi-arthroplasty of hip for intracapsular fractures of femoral neck is one of the most commonly done surgical procedures in the low mobility older Indian population. Although there are numerous complications associated with the procedure, we want to study the types and management of peri-prosthetic fractures in patients treated with hip hemi-arthroplasty.

**Methods:** A total of 26 patients were included in the study. A retrospective analysis of the radiological cum clinical diagnosis and management of peri-prosthetic fractures was performed. All patients were followed up till 1.5 years post-operatively.

**Results:** According to Vancouver classification of peri-prosthetic fractures, 10 fractures were classified as type A, 7 as type B1, 3 as type B2, 4 as type B3 and 2 as type C. Fractures were managed either by Open Reduction with Internal Fixation (ORIF) or Revision hemi-arthroplasty. Fractures type AG, B1 and C were managed with ORIF and type B2 and B3 fractures were managed with revision hemi-arthroplasty using longer stem.

**Conclusions:** As evident in our study, majority of fractures occurred intra-operatively, a thorough evaluation of pre-operative x-rays of both hips should be done along with special focus on anatomical variations. Correct diagnosis based on radiological and intraoperative findings followed by appropriate treatment are of paramount importance in the management of peri-prosthetic fractures.

### **Biography:**

I am Lokesh Kumar Yogi have completed his Graduation and Post Graduation from GMCH Aurangabad. I have published more than 7 papers in reputed journals. I have passed FIFA Diploma in Football Medicine, Fédération



Internationale de Football Association

### **Publication of speakers:**

1. Mahi, Gagandeep & Yogi, Lokesh. (2019). A comparative study of functional outcome of treatment of intra-articular fractures of distal end radius fixed with external fixator vs. volar plate. *International Journal of Research in Orthopaedics*. 5. 949. 10.18203/issn.2455-4510.IntJResOrthop20193841.
2. Mahi, Gagandeep & Yogi, Lokesh. (2019). A comparative study of functional outcome of treatment of intra-articular fractures of distal end radius fixed with external fixator vs. volar plate. *International Journal of Research in Orthopaedics*. 5. 949. 10.18203/issn.2455-4510.IntJResOrthop20193841.
3. Mahi, Gagandeep & Lokhande, Milind & Yogi, Lokesh & Gawri, Ankit. (2020). A study of periprosthetic fractures following hemi-arthroplasty of hip in elderly population: diagnosis and management. *International Journal of Research in Orthopaedics*. 10.18203/issn.2455-4510.IntJResOrthop20203483.
4. Yogi, Dr & Mahi, Dr & Lokhande, Dr. (2020). Evaluation of short term complications following use of retrograde intramedullary femoral interlocking nail for fractures of distal femur. *International Journal of Orthopaedics Sciences*. 6. 149-152. 10.22271/ortho.2020.v6.i3c.2194.

[International Conference on Surgery and Anesthesia | August 10, 2020 | London, UK](#)

**Citation:** Lokesh Kumar Yogi; E-BABE-Periprosthetic Fractures Following Hemi-Arthroplasty of Hip; Euro Surgery 2020: August 10, 2020; London, UK