

**LECTURE TITLE : LONG BONE ALLOGRAFTS IN ORTHOPAEDIC SURGERY**

**ABSTRACT**

Long bone allograft are an excellent armamentarium in orthopaedic oncology practice. After resection of long bones namely, humerus, tibia or femur, allograft from deceased donor can be used to reconstruct the bony defect.

Being biological, allograft is a very good option especially in paediatric cases whereby bone incooperation and union occurs quiet readily. Despite several potential complications such as non union, allograft fracture and infection, allograft gives promising outcome in properly selected cases. It does have several benefit compared to its alternative implants in being cost effective and having very good long term outcome.

Hospital Pulau Pinang, being one of the major Orthopaedic Oncology center in our country has 16 cases of long bone allograft done in the past 5 years. The lecture shares our experience and challenges in using long bone allograft in orthopaedic surgery especially orthopaedic oncology practice.