

TRICORTICAL BONE GRAFT FOR RECONSTRUCTION OF ULNA BONE. A CASE REPORT.

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Introduction: Osteomyelitis is among the devastating surgical complication especially after fracture fixation known as Infection after fracture fixation (IAFF). Some study revealed that IAFF for closed fracture is up to 1%-2% and goes as high as 30% for open fracture. The lengthy period of antibiotics and removal of infected part contributed to the complicated treatment modalities which later require reconstructive surgery . In our case the use of autograft tricortical iliac crest bone is the choice for the reconstruction of resected part of ulna bone

Discussion: The long resected part of ulna bone measuring 3cm in length left a wide defect was reconstructed by harvested iliac crest. Post-operatively the graft show good incorporation with the ulna bone.

Conclusion: The usage of tricortical iliac crest as a method for deformity correction yield a good result on this case. This type of graft can also be considered for other patient with similar condition especially those less fortunate with poor financial backup