

Management of Gap Non-Union Following Tumour Resection of the Distal Femur

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Abstract : Correction of the gap created by the resection of large juxtra-articular tumours of the femur would be difficult to manage, several bone substitutes, bone grafts, and artificial bone granules were tried but the results were not as good as with the distraction osteogenesis, by the help of either Ilizarov ring fixator or the mono-rail fixators. We are presenting a small study of five cases of malignant tumours of the distal femur, removed, custom made mega prosthesis was applied and that failed twice in a span of five years. We had no better option left then to apply mono-rail fixator, and start the process of distraction osteogenesis, we got the union, gap was filled with new bone and patient has been made walking in few months.

Keywords : distal femur tumour, resection, defect non-union, mono-rail fixator

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