NON UNION LATERAL CONDYLE HUMERUS WITH CUBITAL VARUS: UNION AFTER CORRECTIVE OSTEOTOMY

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Introduction: Non-union of lateral condyle humerus with cubitus varus usually treated with corrective osteotomy without expecting union of the fracture. However, there is one case in which fracture site united after corrective osteotomy.

Discussion: A 4 year old girl sustained closed fracture lateral condyle right humerus 2 years ago and had residual cubitus varus deformity after operative intervention. Corrective osteotomy was done without disturbing fracture site. After 4 months post operatively, deformity corrected with excellent range of motion, and surprisingly, lateral condyle right humerus united.

Conclusion: We believe that realignment of the limb helps to redistribute forces across the elbow joint and promote healing of non-union lateral condyle of humerus. Perhaps this current finding can help in diversify the way to treat this type of injury