

## Paediatric Ulnar Longitudinal Deficiency due to multiple hereditary exostoses result of Ulnar lengthening by ilizarov external fixation.

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**Introduction.** Multiple Hereditary Exostoses (MHE) is a rare bone disease when involve ulna can cause ulnar shortening and derangement of wrist biomechanics. Ulnar lengthening can solve both the issue of shortening and wrist deviation, cosmesis.

**Material and method:** InNational Institute of Traumatology &Orthopaedic Rehabilitation (NITOR), Bangladesh and private setting, we have operated 6 cases of MHE.among then one was bilateral ulnar lengthening and 5 was single deformity. All are treated by ilizarov external fixation and lengthening of ulna were done by osteotomy. Ring were kept for 12-14 weeks,in one case TENS were used for decreasing frame time.

**Result:** After the removal of ring, wrist deviation was corrected greater amount, ulna is lengthened. handfuction were improved significantly.

**Conclusion:** In MHE ulnar lengthening is good option for preserving the wrist bio mechanism and prevention deviation and cosmesis.