

Reviving Hope In Neglected Neurogenic Talipes Equinovarus

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INTRODUCTION:

Neglected neurogenic clubfoot is a complex deformity of clubfoot that affecting the children and management of this condition pose a great challenge as mostly associated with poor response to conservative or operative intervention.

REPORT:

We reported a case of 13years old girl with spina bifida with lipomyelocele, neurogenic bowel and bladder with bilateral foot deformity noticeable since birth and neglected until 8 years old which initially treated with ponsetti casting followed by achilles tendon lengthening and posteromedial release. However, her right foot gradually worsening and causing pain over lateral aspect of foot.

Examination reveal right foot with rigid uncorrectable talipes equinovarus deformity with callosity of skin and bursitis of lateral aspect of foot and Silfverskiold test negative.

In view of her pain with foot deformity, We proceed with right foot bursitis excision, medial column lengthening, lateral column shortening, plantar fascia release and achilles tendon lengthening in order to address all deformity presented in hear condition.

Wedge excision was made at cuboid and medial cuneiform osteotomy performed and cuboid wedge is snug fit into the osteotomy site. Locking plate then applied at medial and lateral column of foot. Plantar fascia release and achilles tendon lengthening was performed to address equinus deformity and balance the tightness toe. Following procedure, we were able to correct patient deformity



Figure 1: preoperative and intraoperative foot image



Figure 3: postoperative x ray

CONCLUSION:

Neurogenic clubfoot is a challenging condition to treated and required careful planning of bony reconstruction and soft tissue procedure in order to achieve good results.

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