

## ***CTEV (Congenital TalipesEquinoVarus)***

### **Clinical Diagnosis**

- when dorsiflexed the dorsum of the neonatal foot does'nt touch the shin
- plantar flexion at ankle, inversion of foot at subtalar joint, varus of the forefoot at the midtarsal joints and internal torsion of tibia
- examined for the presence of other congenital anomalies

### **Investigation**

x-ray in an older child.

### **Treatment**

- manipulation and serial plaster casting by Ponseti technique
- improvement is not satisfactory by 8 months of age surgery in the form of posteromedial release followed by serial plaster casts
- Once correction is achieved and the child is not yet walking a Denis-Browne splint is prescribed
- Corrective shoes are to be given after the child starts walking
- If the heel varus is persisting even at 6 yrs age, Dwyer's calcaneal osteotomy is advised
- For persisting round contour of the lateral border of the foot one of the lateral column shortening operations is performed
- A supramalleolar osteotomy of tibia is indicated for persisting excessive tibial torsion
- If the surgeon is conversant JESS application is a viable alternative
- In neglected cases beyond 12 yrs of age a triple arthrodesis may be performed