

6. 'APPARATUS LIMB'

The ring assembly should provide stable fixation of bone fragments in complete static and dynamic weight bearing on the limb [16]. Makushin et al proposed “Apparatus Limb” concept in cases of large segmental defects, during distraction osteogenesis and fibular transport the construct of the apparatus completely supports the limb [25].

When the apparatus supports the whole limb both in dynamic and static conditions, it made us to think which part of the apparatus is taking up the load and initiated this finite element study.