THE EFFICACY OF PERCUTANEOUS ACHILLES TENOTOMY VS. COMBINED POSTERIOR CAPSULOTOMY AND OPEN ACHILLES TENOTOMY IN THE CORRECTION OF EQUINUS DEFORMITY IN CONGENITAL TALIPES EQUINOVARUS

Nariman Abol Oyoun, Emmanouil Grigoriou, Indranil Kushare, B. David Horn, Richard S. Davidson

Abstract:

The efficacy of percutaneous Achilles tenotomy alone (AT) was compared to combined posterior capsulotomy of the ankle joint together with open Achilles tenotomy (PC+AT) in 167 children with 260 clubfeet as a method to correct equinus after Ponseti serial casts. 189 idiopathic, and 71 non-idiopathic clubfeet were reviewed (20 with spina bifida, 12 with Arthrogryposis) with a minimum follow-up of two years (Mean 4.8±2.4 years). 73 idiopathic and 12 non-idiopathic clubfeet underwent AT, while 116 idiopathic and 59 non-idiopathic clubfeet underwent PC+AT. Mean age at surgery was 4.5±4.5 months. Mean dorsiflexion improved from -32.5º to 24.3º postoperatively and to 11.7º at the latest follow up in both groups (p

Published In:

XXVI SICOT Triennial World Congress - 46th Brazilian Congress of Orthopedics and Traumatology , NULL , NULL