

Dr Sunil Ramawat

MBBS, F.R.A.C.S. M.S(Orth).

Orthopaedic Surgeon, Foot & Ankle & Trauma Surgery

| Clinical Condition | Flat feet (Pes Planus) |
|---|--|
| Eligibility | Flattening of the medial longitudinal arch of the foot |
| | +/-Associated pain. Especially if: |
| | Unilateral |
| | Acquired (flattening of the arch in adulthood) |
| | Rigid (loss of normal hindfoot inversion/eversion) |
| | Bony swelling on the medial border of the foot |
| Clinical photo | |
| Differential Diagnosis | Posterior tibialis tendon dysfunction (PTTD) |
| | 2. Flexible flat foot |
| | 3. Midfoot arthritis |
| | 4. Tarsal coalition |
| | 5. Accessory navicular |
| | |
| | 6. Charcot foot |
| | 7. Inflammatory arthropathy eg Rheumatoid arthritis |
| Information required with referral | Detail history of the deformity, pain and swelling |
| | Unilateral or Bilateral |
| | Acquired (adult) or developmental (childhood) |
| | Rigid or flexible hindfoot movement |
| | Progression of deformity (is it worsening?) |
| | Any treatment taken eg Orthotics |
| | Any previous surgeries |
| Investigation required for the discussion | Associated medical condition eg DM |
| Investigation required for the diagnosis | Full weight bearing foot x rays. USG to examine Tibialis Posterior tendon |
| | OSG to examine ribialis Posterior tendon |
| Pre-Referral management strategies | a. Supportive footwear (usually lace up) +/- Orthotics |
| (information required with referral) | with arch support |
| | b. Analgesia |
| Referral Criteria | Continuous symptoms despite the non-operative |
| | management. |
| Fact sheets | http://www.footeducation.com/acquired-adult-flatfoot-deformity-posterior-tibial-tendon-dysfunction |