

Traditional perspective

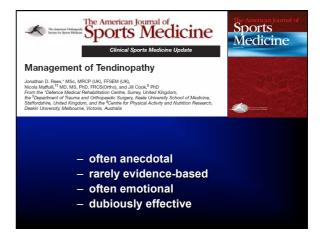
- 1. Patellar tendinopathy is self-limiting
- 2. It is inflammatory ('tendinitis')
- 3. Imaging can be used to guide management
- 4. Conservative Rx can be effective
- 5. A shot of corticosteroids does no harm
- 5. Surgical Rx \Rightarrow return to competition in 3/12



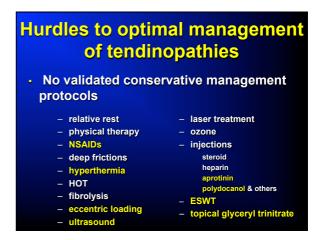
Patellar tendon

- → Tenalgia
- → Tendinitis
- → Tendinosis
- Paratendinitis
- Peritendinitis
- → Tendonitis
- →Paratendonitis
- Peritendonitis
- Peri/para ... itis
- with tendi/tendo
- ... itis
- Partial rupture

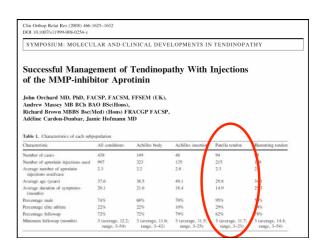




What can we offer? - Exercise? - Physical modalities? - US, ESWT, PEMF - Lotions and potions? - GTN, NSAID - Injection? - CSI, blood, aprotinin - Referral? - Surgery - Open - Arthroscopic - Percutaneous

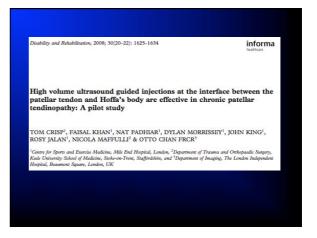




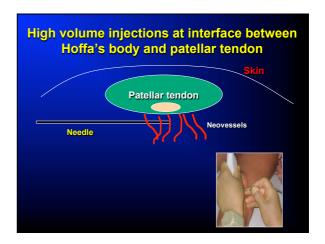


Ultrasound-guided sclerosis of neovessels in painful chronic patellar tendinopathy

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Purpose + To determine the effectiveness of high volume image guided injections (HVIGI) for chronic patellar tendinopathy + Concoction: 40 mg hydrocortisone (62,500 IU aprotinin), 10 ml 0.5% marcain/chirocain, 40 ml 0.9% NaCI

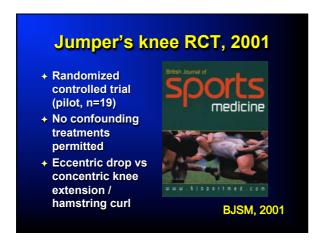


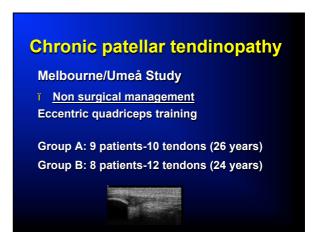


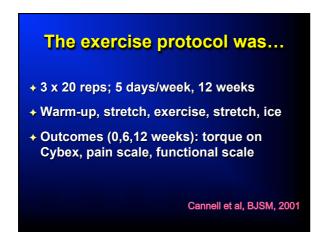


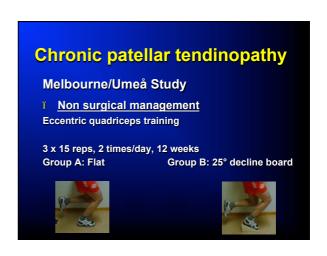




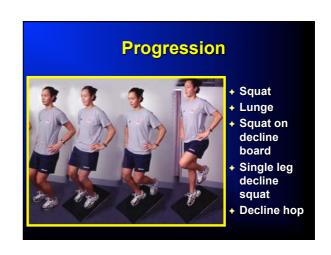


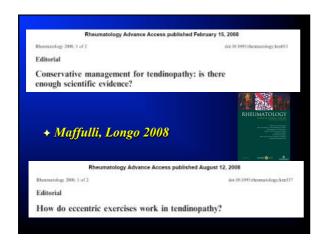






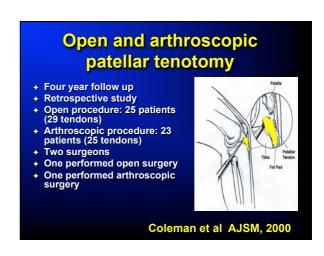


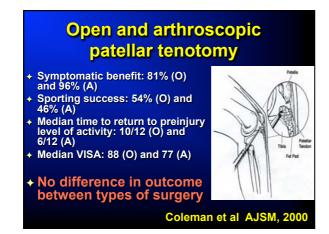


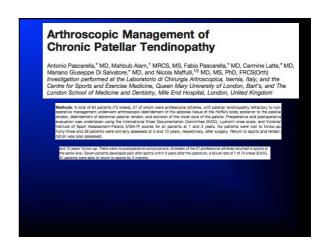




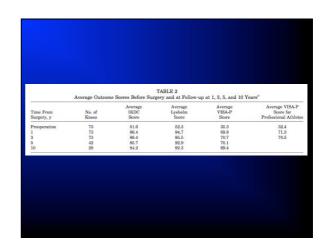
Surgical management of tendinopathies No validated surgical protocols needling coblation percutaneous (ultrasound guided) tenotomy arthroscopic management open longitudinal tenotomy

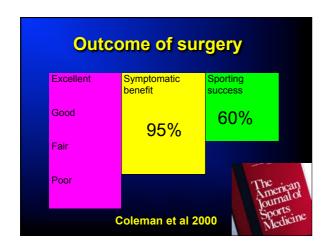


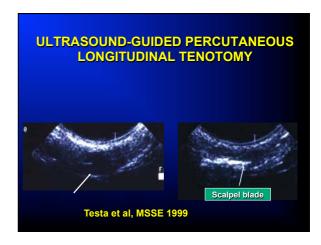












Difficult to compare surgeries Subtle technical aspects of surgery, or of rehabilitation protocol may significantly change outcome Opening, closing of patellar defect Excision, retention of paratenon Time reduced activities after surgery Strengthening protocol Andrea Ferretti; Jon Karlsson; John King; Nicola Maffulli: good stable results



Most common cause of failure following surgery

(Attempt at) Too early return to offending sports

Limited indication to refer patellar tendinopathy patients for early surgery







