

### Case 1\_\*\*Subjective Asterisks\*\*

- 16 year HS XC athlete
- Minimal Running summer
- Begins practice 20 miles/week with workouts
- Acute local non Insertional Achilles pain
- Constant pain Increased with walking, Stair ascending; Unable to run; Sharp pain/stiffness in AM
- Easing Factors: Rest, ice, NSAIDs
- Denies : Insertional pain, heel pain, NT, Proximal
- · PMHx: MTSS beginning of past 3 seasons



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- Mobile effusion
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- Gait: Walking Excessive STJ pronation mid → late stance
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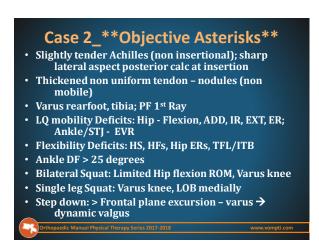


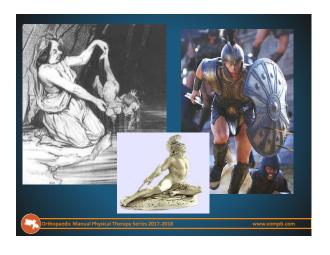
# Case 2\_\*\*Subjective Asterisks\*\*

- 55 year old male UVA Law Professor
- Pain non Insertional aspect Achilles, Insertional at posterior Calcaneous
   Dull ache
- · 8 year history achilles pain with running
- · Run pain rest Run pain- rest
- Increased running train for 10 Miler
- Aggravating Factors: AM/following sitting; Run initially (first ¼ mile), > 3 miles, Faster; Stretching
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- Activity Level : Intermittent Gym (cardio/wts); Softball; Run as able



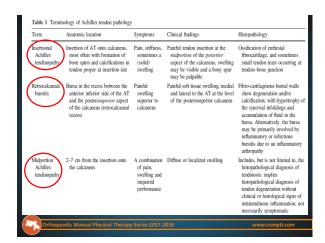
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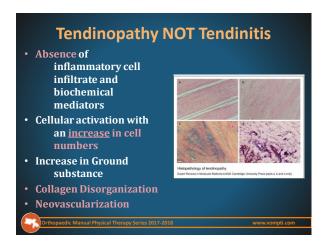


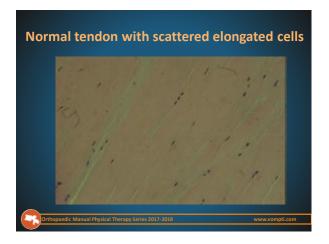








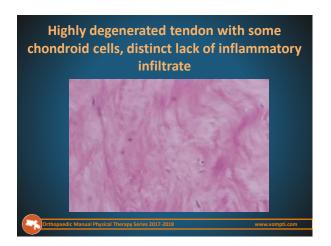






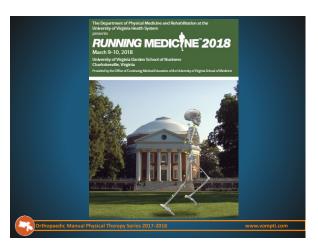


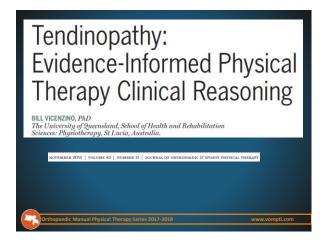


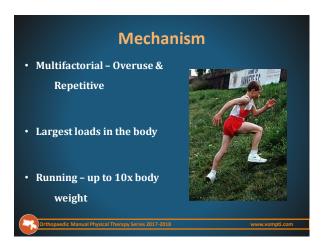








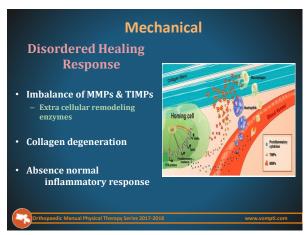


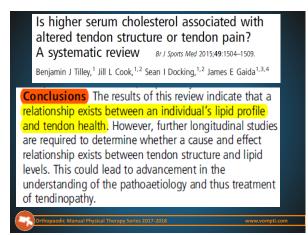


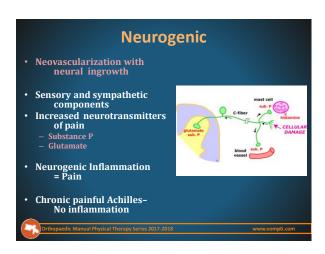


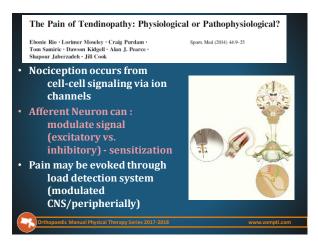




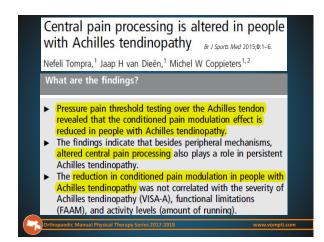


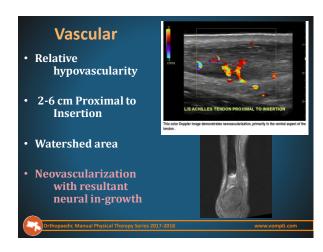


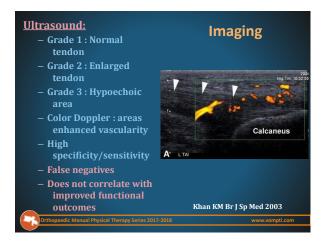




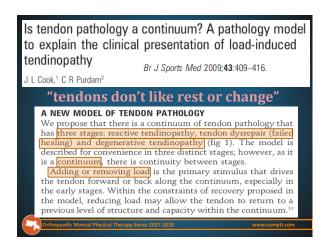


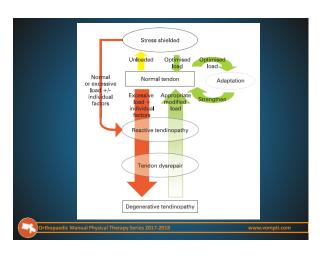


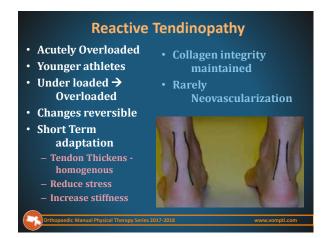




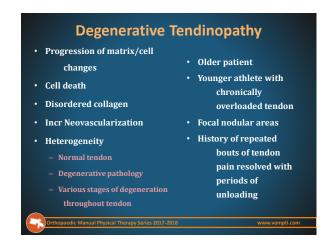


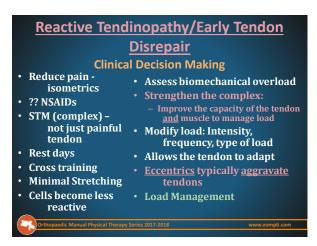


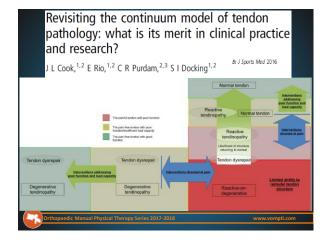








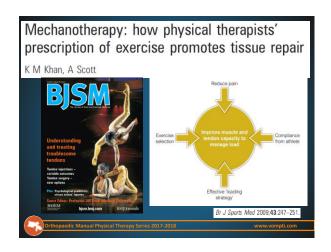




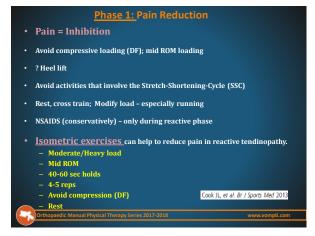


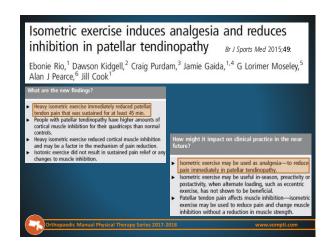
Sports and exercise-related tendinopathies: a review of selected topical issues by participants of the second International Scientific Tendinopathy Symposium (ISTS) Vancouver 2012

Each component of the rehabilitation program, in particular LOADING, must be manipulated in relation to the nature, speed and magnitude of the forces applied to the muscle/tendon/bone unit in order to achieve the goals of the particular management phase without causing an exacerbation of the pathological state or pain

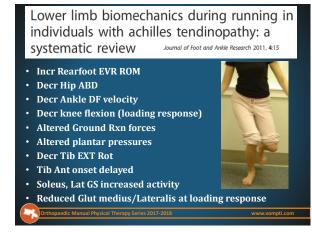


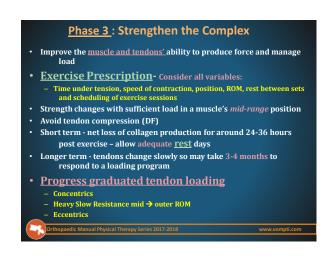


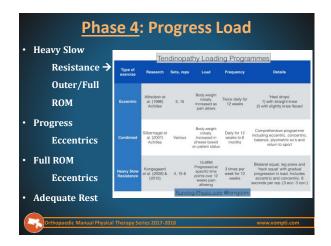


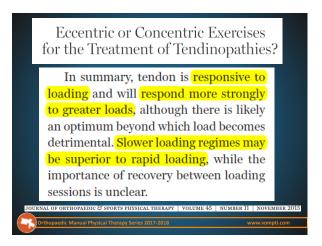


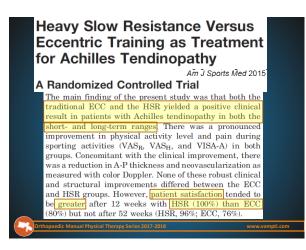


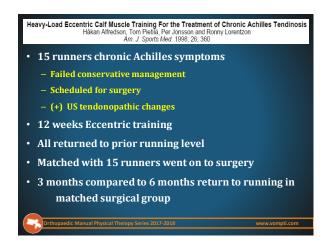




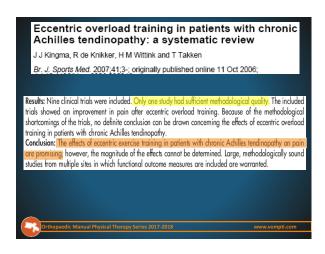


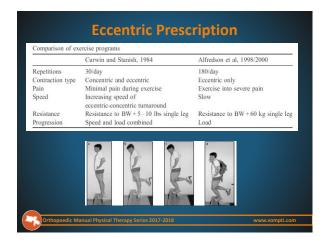




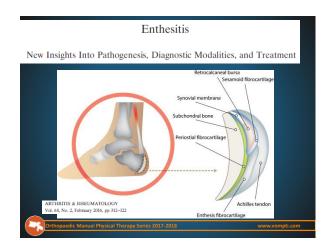


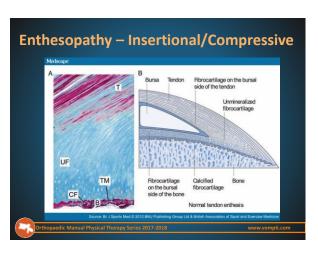


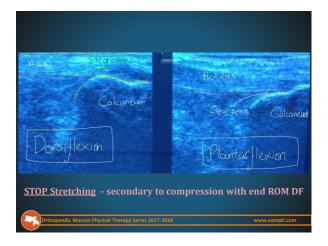


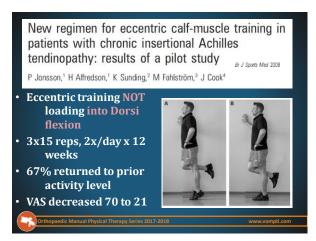






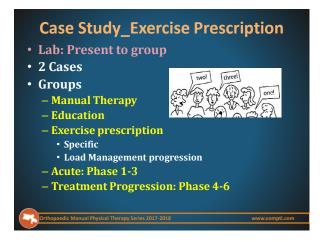












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Orthopaedic Manual Physical Therapy Series 2017-2018

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- Slightly tender Achilles (non insertional); sharp lateral aspect posterior calc at insertion
- Thickened non uniform tendon nodules (non mobile)
- Varus rearfoot, tibia; PF 1<sup>st</sup> Ray
- LQ mobility Deficits: Hip Flexion, ADD, IR, EXT, ER; Ankle/STJ - EVR
- · Flexibility Deficits: HS, HFs, Hip ERs, TFL/ITB
- Ankle DF > 25 degrees
- Bilateral Squat: Limited Hip flexion ROM, Varus knee
- Single leg Squat: Varus knee, LOB medially
- Step down: > Frontal plane excursion varus → dynamic valgus



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