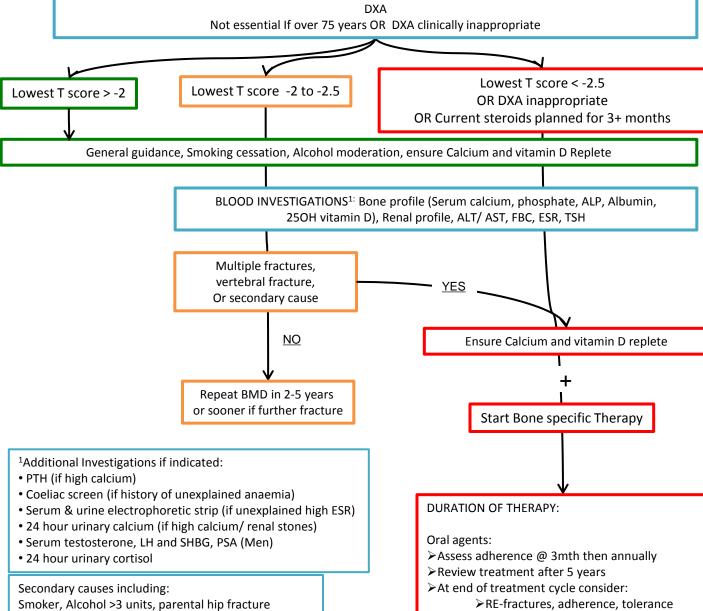


Management of men and women over 50yrs who have sustained a fragility fracture: 2012 guidance

Fragility fracture definition:

Fracture site excluding fingers, toes, scaphoid and skull Fracture force excluding major RTA or fall from more than 6 feet



INDICATIONS for Referral to bone clinic:

1. Pre-menopausal women with fragility fracture

Type I diabetes, Multiple sclerosis, Parkinsons Disease

- 2. Men under the age of 60 years with fragility fracture
- 3. Multiple fragility fractures with BMD >-2

Inflammatory arthritis including Rheumatoid

Inflammatory bowel disease

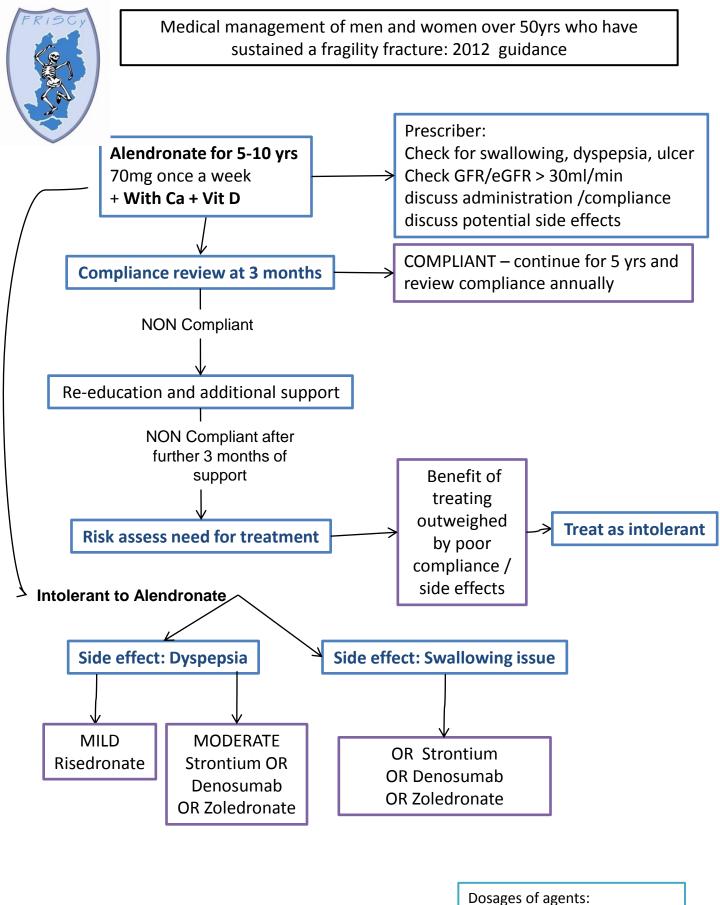
Chronic liver disease, Malabsorption

Hypogonadism, Menopause < 45 years

- Fragility fractures with complex medical diseases including cancer therapies and kidney disease.
- 5. Worsening painful vertebral fractures for more than 6 weeks

Bone markers if available: Serum PINP or Fasting serum CTXI

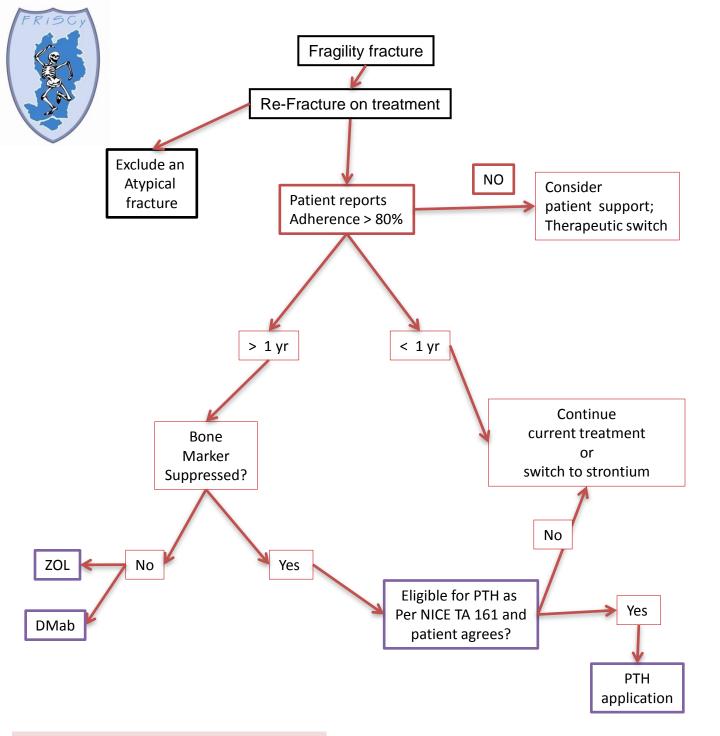
- ➤ RE-fractures, adherence, tolerance
- ➤ Repeat DXA/ bone markers/ Frax
- ➤ Continuing for 10yr total if DXA still < -
- 2.5, on steroids, more fractures
- ➤ Else 2 years off treatment then restart
- ► IF greater than 80 years can continue
- Zoledronate/ Dmab: 3 yrs then reassess



Agents recommended for glucocorticoid induced osteoporosis:

- 1. Oral/ iv Bisphosphonates (Aln, Ris, Zol)
- 2. Teriparatide

Alendronate 70 mg ow
Risedronate 35mg ow
Strontium 2g nocte
Denosumab 60mg sc 6 monthly
Zoledronate 5mg yearly x3
Teriparatide 20mg sc od



Bone markers:

- 1. Serum PINP or Fasting serum CTXI
- 2. Taken within 48 hours of fracture
- 3. Suppressed according to local ranges