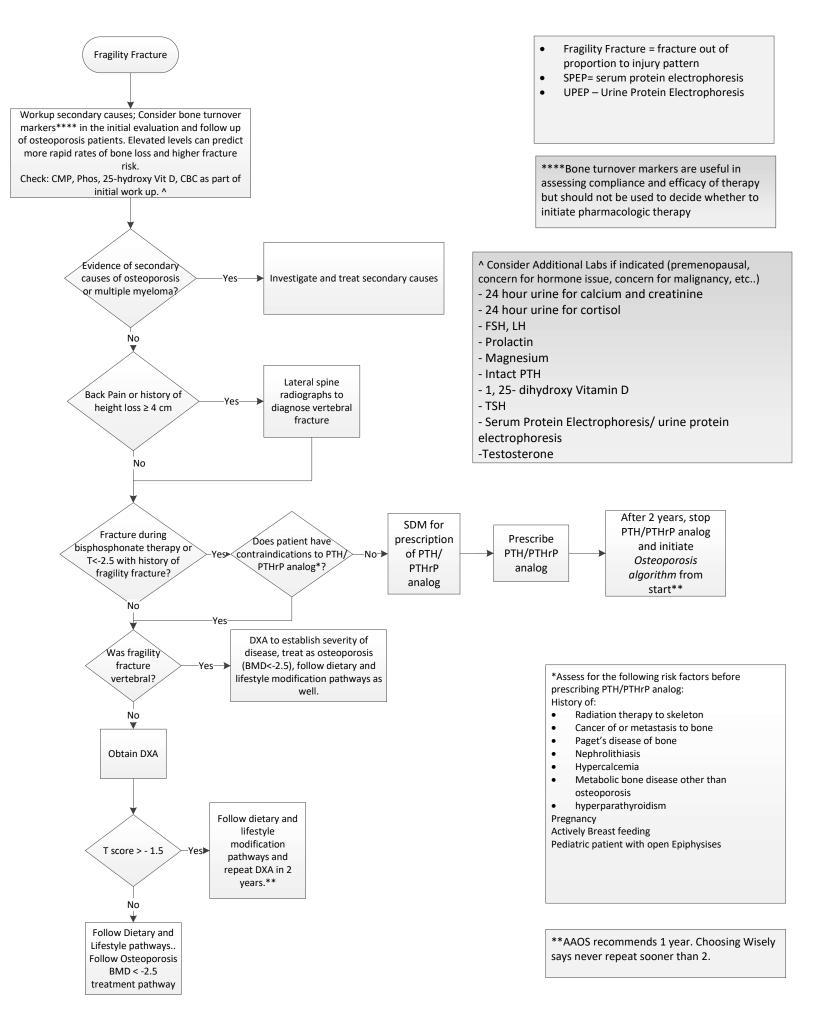


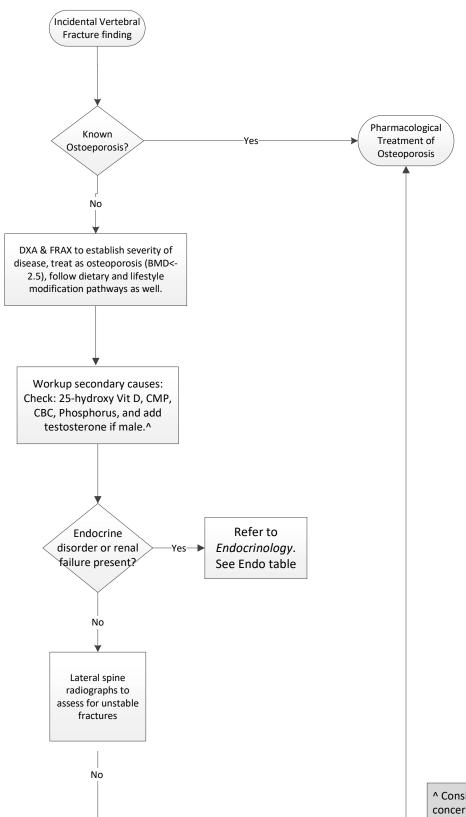
*Clinical risk factors for osteoporosis

- Menopause not on hormone therapy
- Previous fracture
- Initiating chronic glucocorticoid therapy or on glucocorticoid therapy > 3 months
- Parental history of hip fracture
- BMI <21
- Current cigarette smoking or history of smoking greater than 10 pack years
- Alcohol consumption > 2 units/ day for men and >1 unit/ day for women
- Rheumatoid arthritis
- Other causes of secondary osteoporosis (example: Hypogonadism, malabsorption, chronic liver disease, irritable bowel)
- Height loss of greater than 4 cm
- Radiographic evidence of osteopenia
- ** AAFP and ACOG guidelines recommend 15 year follow up. Absolute hip fracture risk in 10 years is 0.9% for this cohort. Risk of developing osteoporosis is 10% in the next 15 years (NEJM, 2012). ISCD recommends every 2 years but does not provide evidence for rationale.
- **DXA rechecks: Make concerted effort to obtain on same machine with same rad. technologist. If not possible, use results with discretion.
- ^Clin Obstet Gynecol. 2013 Dec; 56 (4): 686-93

DXA=Dual-energy X-ray absorptiometry

- ***If patient does not meet clinical criteria for osteoporosis, insurance may not cover 24-hour urine and bloodwork
- ****Bone turnover markers are useful in assessing compliance and efficacy of therapy but should not be used to decide whether to initiate pharmacologic therapy
- ^ Consider Additional Labs if indicated (premenopausal, concern for hormone issue, concern for malignancy, etc..)
- 24 hour urine for calcium and creatinine
- 24 hour urine for cortisol
- FSH, LH
- Prolactin
- Magnesium
- Intact PTH
- 1, 25- dihydroxy Vitamin D
- TSH
- Serum Protein Electrophoresis/ urine protein electrophoresis
- -Testosterone





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