

## Hall B- Afternoon 22 nov 24

1. DXA scan be overestimated with sclerosis, other modalities include - trabecular bone score, qCT
2. Chronic Glucocorticoid fracture risk - 30-50%, rate of bone loss most rapid in first 3 months of use
3. 1000-1200 mg calcium and vitamin D 600-800 units Is recommended for treatment of postmenopausal osteoporosis
4. Excess calcium linked with CV risk – but remains controversial due to lack of good studies
5. Denosumab + Teriperatide combination is effective but limited data
6. Drug holiday can be guided by biomarkers of bone turnover
7. distal part of quadriceps has fatty infiltration in IBM
8. 3T MRI for qMRI, 3D gradient echo, DIXON fat fraction – for fat infiltration
9. Textured analysis – from image bank, uses pixels, gives histogram analysis
10. qMRI and biopsy: good correlation for inflammation and fat fraction scores
11. T2 mapping: detect s inflammation and fibrosis
12. Selexipag in resistant cases or upfront with other agents in Raynaud's
13. Riociguat can be added before planning iv prostacyclin analogues
14. ILD - Mycophenolate and cyclophosphamide are equally beneficial as per SLS 2
15. Rituximab is good alternative for both lung and skin disease in Scleroderma
16. Skin fibrosis - Methotrexate , Mycophenolate and cyclophosphamide all have modest improvement in mRSS
17. Equipoise is to balance the patient expectation with physicians assessment
18. Making a diagnosis Strike a balance History > examination> investigation
19. Both IQ and EQ equally relevant in Rheumatology

20. Noble laureates who have helped the field of Rheumatology

- a) Roentgen - discovered xrays and provided us with a non invasive methods to visualise internal structure.
- b) Hounsfield and Cormack- CT scan development
- c) Paul C Lauterber and Peter Mansfield -MRI
- d) Philip Hench - for discovery of hormones of adrenal cortex , structure and biological effects
- e) John Vane - discovery of coxibs and difference between Cox1 and Cox2
- f) Cesar Milstein for Hybridoma technique
- g) Barun Benacertaf et al for HLA discovery
- h) Abhijeet Banerjee for economics - evidence based interventions , research on helath care, delivery

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