

# Index of Feline Orthopedic Diseases and Musculoskeletal Tumors

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- 11.9. X-ray and Gross specimen of synovial mass
- 11.10. HP of biopsy multiple nodules of synovial osteochondromas
- 11.11. HP of MSC-formed intimal synovial cartilage nodules undergoing ossification
- 11.12. HP additional similar nodules
- 11.13. Diagnosis
- 11.14. Discussion of Primary (benign tumors) vs Secondary (irritation) Synovial chondromatosis
- 11.15. Synovial osteochondromatosis left stifle 13yr DSH with Osteosarcoma Tibia: History
- 11.16. X-rays Synovial tumors and pathologic fracture of proximal shaft same left tibia
- 11.17. HP ESCs forming intimal cartilage nodule undergoing early ossification

- 11.18. HP of decalcified nodule whose remodeled center contain adipose tissue
- 11.19. HP of osteosarcoma that has caused a pathologic fracture in proximal tibia
- 11.20. HP similar images of osteosarcoma
- 11.21. Synovial angiomatosis of left shoulder joint 6yr Oriental DSH: History
- 11.22. History from referring pathologist
- 11.23. CT examination and results of evaluation
- 11.24. CT image demonstrating destructive lesion in left proximal Humerus
- 11.25. CT image demonstrating additional areas of destruction.
- 11.26. HP infiltrate of angiomatosis has replaced the subintimal synovium
- 11.27. Diagnosis of angiomatosis of the synovium of the shoulder joint: Comments-1
- 11.28. Comment-2.
- 11.29. Fibromyxosarcoma of synovium of right elbow joint, 9yr NF DSH: History
- 11.30. HP of tumor replacing synovium of supracondylar fossa of distal humerus
- 11.31. HP of tumor in superficial layers of synovial lining
- 11.32. HP of synovial sarcoma with nodular foci of myxoid differentiation
- 11.33. HP fibro myxoid tumor figures
- 11.34. Pleomorphic undifferentiated sarcoma hip joint 10yr NM DSH X-ray: History
- 11.35. HP tumor invades joint margins of femoral head
- 11.36. HP tumor infiltrates synovial villus and invades rent in articular surface of femur
- 11.37. HP pleomorphic spindle cell tumor infiltrates cancellous bone
- 11.38. HP pleomorphic sarcoma forms a few random foci of giant tumor cells
- 11.39. Diagnosis: Pleomorphic undifferentiated sarcoma
- 11.40. End Topic

## 12.1. Uncommon Musculoskeletal Disorders

- 12.2. Mucopolysaccharidosis in a 6-mo. kitten: History
- 12.3. Gross of kitten's face
- 12.4. X-ray pf thorax with rib and vertebral abnormalities
- 12.5. X-ray specimens from cervical, thoracic and px. Lumbar spine
- 12.6. HP of abnormalities in C3-C4 spinal example of this disorder
- 12.7. HP IV disc, endplates and physeal disorders
- 12.8. HP proximal humerus abnormalities
- 12.9. HP caudal border of proximal Humerus
- 12.10. Diagnosis and comments
- 12.11. Slipped capital physis due to Physeal dysplasia in heavy 1-2 yr. old NM cats
- 12.12. HP nondisplaced physeal fractures in distal femur and distal tibia
- 12.13. HP of transverse physeal fractures
- 12.14. Slipped capital physis in 2yr. NM American Short Hair cat: History
- 12.15. X-rays of both left and right hips including thigh muscle thickness
- 12.16. HP of sections of femoral heads with attached fractures physeal remnant

- 12.17. HP of other half of the fractured femoral physis
- 12.18. Comment on pathogenesis
- 12.19. Osteogenesis imperfecta with multiple fractures 13mo. DSH, X-ray: History
- 12.20. HP of thin cortex and failure to form primary trabecular bone.
- 12.21. HP of osteopenia of cortical and cancellous bone.
- 12.22. HP of affected osteopenic cortex.
- 12.23. Dentinogenesis associated with osteogenesis imperfecta: History.
- 12.24. HP of deficient dentine and bone formation of affected teeth
- 12.25. Osteogenesis imperfecta – Late onset in older cat: History
- 12.26. X-ray of midshaft fracture in right tibia and developing stress fracture in left tibia
- 12.27. X-ray of fracture repair in right tibia and acute fracture in left tibia
- 12.28. X-ray of additional femoral neck fracture
- 12.29. Discussion of Osteogenesis imperfecta
- 12.30. Osteopetrosis in a 6 mol NM Mxd breed cat with elbow fracture: History
- 12.31. X-rays of radiodense bone with fracture
- 12.32. HP of dense unremodeled primary metaphyseal spongiosa
- 12.33. Osteopetrosis in a 1.5yr NF DSH: History
- 12.34. X-rays of rear limbs
- 12.35. X-rays of pelvis and rear limbs
- 12.36. HP large section of lesion in proximal femur
- 12.37. HP of abnormal growth plate
- 12.38. Comments of pathogenesis
- 12.39. Scottish Fold Cat: History
- 12.40. X-rays of affected rear legs
- 12.41. HP of ankylosing periosteal tissue of hock
- 12.42. Diagnosis
- 12.43. Discussion of this genetic disorder
- 12.44. Hypervitaminosis-A in Kitten, Gross & HP images: History
- 12.45. Hypervitaminosis-A in adult cat, Gross and HP Images; History
- 12.46. End Topic