

INFECTIONS OF BONES AND JOINTS

Helmut Diefenthal, M.D.

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- Bones and joints are separated from the infected outside world by the skin and the gastro-intestinal mucosa.
- There are three ways a bone or joint may be infected.
- (1) Penetrating injury or open fracture.
- (2) A soft tissue abscess adjacent to bone.
- (3) Hematogenous spread of infection.

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EARLY OSTEOMYELITIS

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- F 7. Early osteomyelitis.
- (a-b)
- 72-88-91

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F 7. Early osteomyelitis. (a-b). 72-88-91



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72-88-91. (b) Details from (a)



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- M 12. Early osteomyelitis.
- 64-43-24

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M 12. Early osteomyelitis. 64-43-24



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- M 15. Early osteomyelitis.
- Ultrasound shows subperiosteal fluid.
- X-ray was completely negative.
- Incision yielded thick pus.
- 71-55-53

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M 15. Osteomyelitis. 71-55-53



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- F 13. Early osteomyelitis.
- 69-85-40

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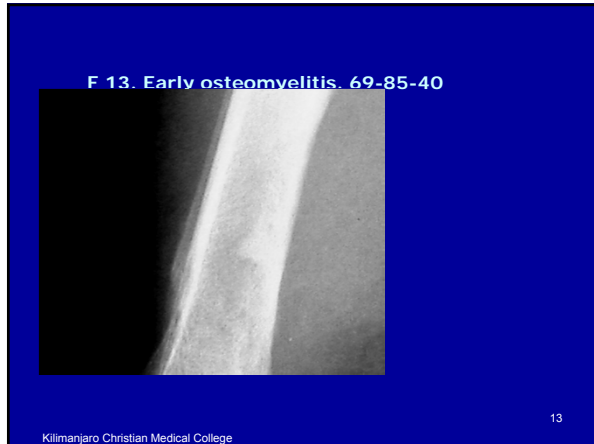
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F 13. Early osteomyelitis. 69-85-40

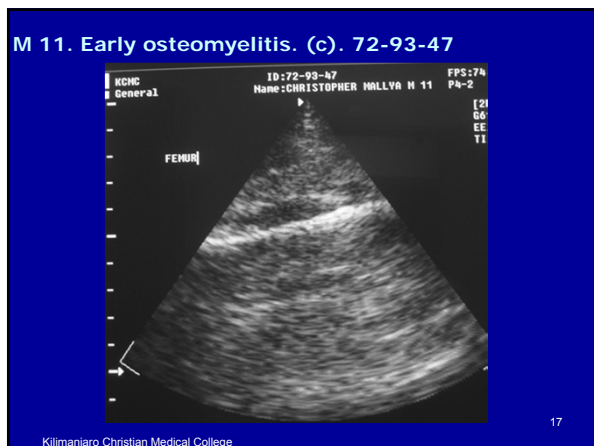
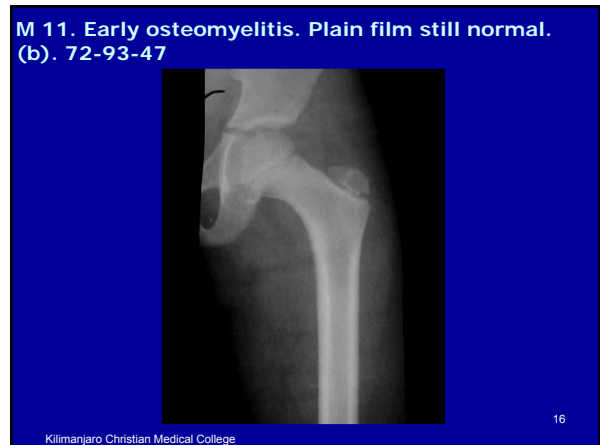
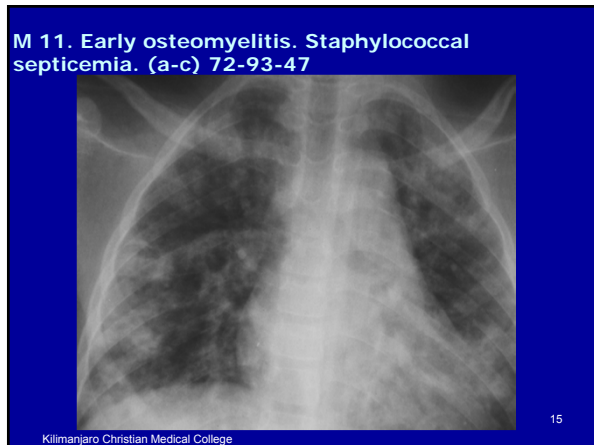


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- M 11. Staphylococcal septicemia. Pulmonary nodules. Deficiency fx.
 - Early x-ray: no bone erosion or subperiosteal elevation. Bulging fat lines around hip joint.
 - Ultrasound shows subperiosteal elevation.
 - (a-c)
 - 72-93-47
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SUBACUTE AND CHRONIC OSTEOMYELITIS

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- F 16. Chronic osteomyelitis.
- (a-b)
- 72-50-39.

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F 16. Osteomyelitis. 72-50-39. (a-b)



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F 16. Osteomyelitis. 72-50-39. (a-b). Details



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- M 16. Osteomyelitis.
- (a-b)
- Subacute and 2 ½ months later.
- 54-14-81

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M 16 Osteomyelitis (a-b). 54-14-81



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M 16. 54-14-81. (b). 2 ½ months later

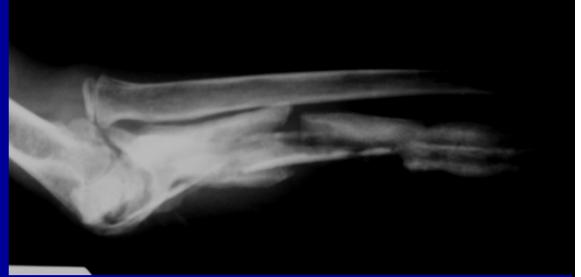


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- M 8. Chronic osteomyelitis of ulna. Dislocated radius
- (a-b)
- 71-88-73

M 8. Chronic osteomyelitis. 71-88-73. (b)



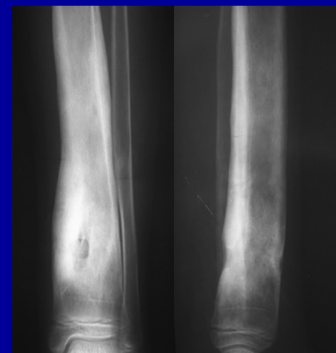
- Chronic osteomyelitis.
- Spontaneous extrusion of sequestrum.
- 61-44-25

Chronic osteomyelitis. 61-44-25

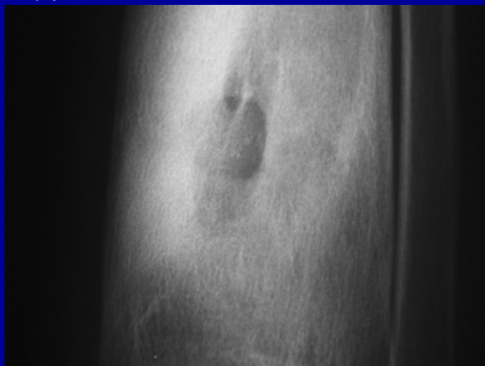


- M 11. Brodie's abscess.
- (a-b).
- 73-20-24.

M 11. Brodie's abscess. (a-b). 73-20-24



M 11. (b). Detail. 73-20-24.



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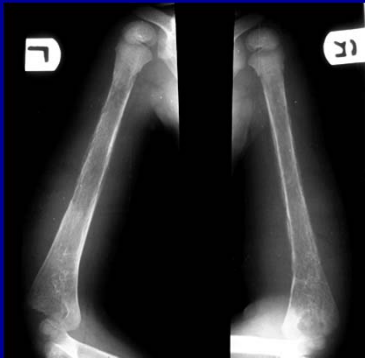
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- M 4. Sickle cell disease. Bilateral humeral osteomyelitis.
- (a-b)
- 72-16-99

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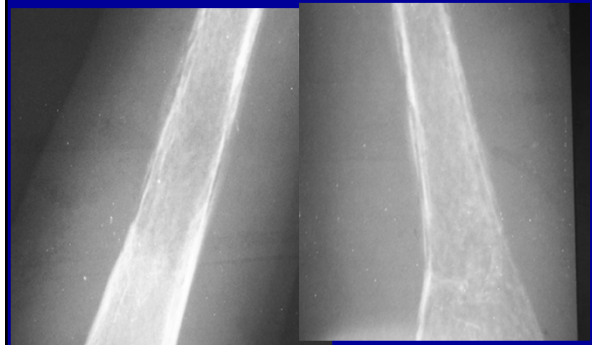
M 4. Sickle cell dz. Bilateral humeral osteomyelitis. (a-b). 72-16-99



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M 4. Sickle cell dz. Osteomyelitis. (b). Detail.



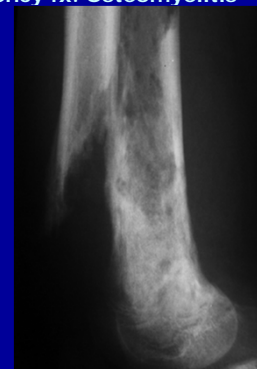
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- M 15. Osteomyelitis with deficiency fx

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M 15. Deficiency fx. Osteomyelitis



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- F 12. Osteomyelitis with deficiency fx.
- (a-b)
- Six years later: Non-union.
- 45-45-75


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F 12 and 18. Osteomyelitis. Deficiency fracture. 6 years later: non-union. (a-b). 45-45-75.



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45-45-75. (b)




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- M 28. "Madura foot"
- (a-c)
- 72-80-21


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M 28. "Madura foot". (a-c). 72-80-21



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M 28. "Madura foot". (c). 72-80-21



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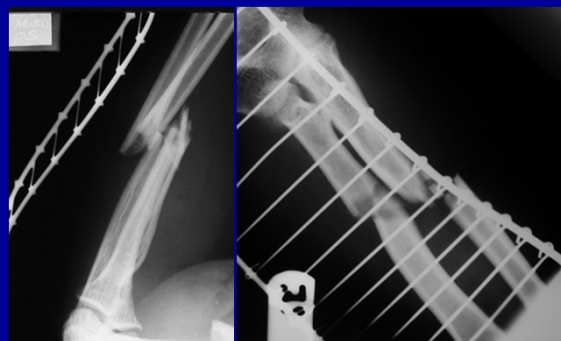
- M 46. Fx femur.
- Open reduction and internal fixation.
- Later infection around the screws
- 68-16-90

M 46. Infected screws after ORIF. 68-16-90



- F 23. Open, comminuted fxs of radius and ulna.
- Early open reduction and internal fixation.
- Four months later: no callus, no union Osteomyelitis.
- (a-c)
- 72-58-36

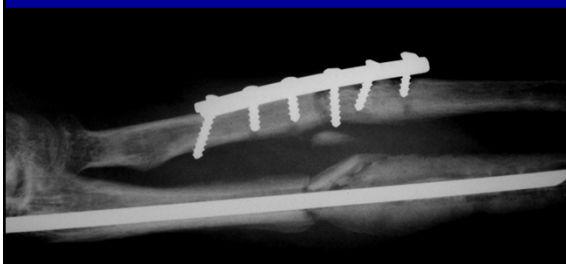
F 23. (a-c). 10 Nov 2005. 72-58-36



F 23 (b). 10 March 2006. 72-58-36



F 23. (c). Detail of (b)



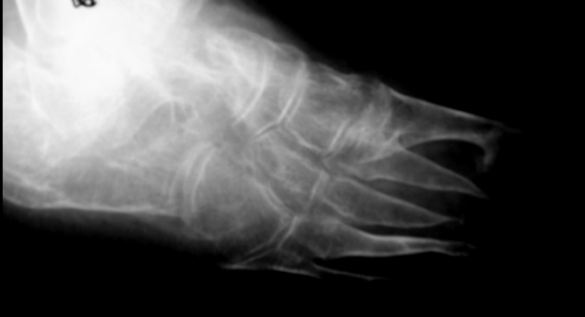
LEPROSY

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M 85. Leprosy. Typical deformities of both feet. Bones of lower legs and tarsi were not affected.
(a-b)
71-40-88

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M 85. (a-b). 71-40-88



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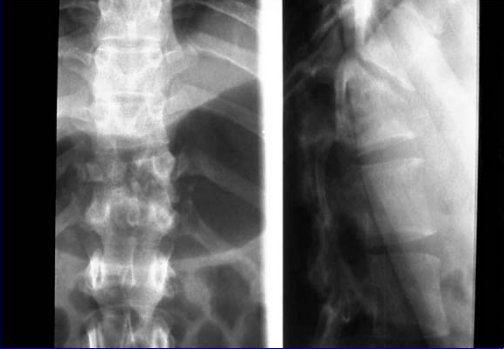
TUBERCULOSIS OF BONES AND JOINTS

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- F 18. Pott's disease
- 66-05-57

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F 18. Pott's disease. 66-05-57



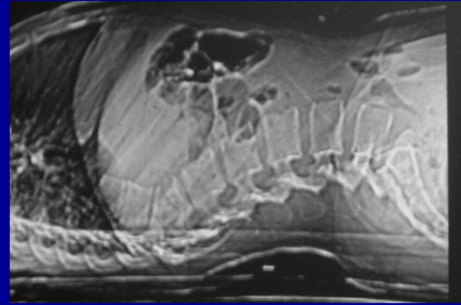
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- F 23. Pott's disease
- (a-c)
- 66-65-57

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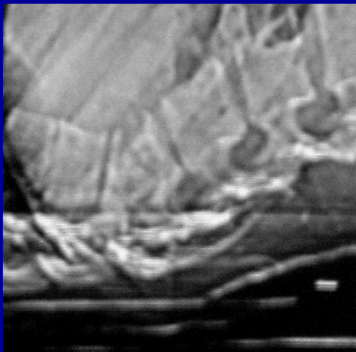
F 23. Pott's dz. (a-c). 66-65-57



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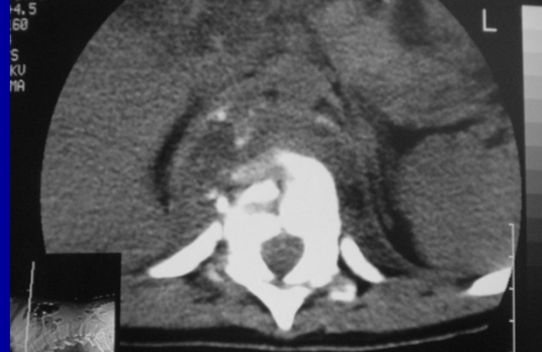
F 23. Pott's dz. (b). 66-65-57



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F 23. Pott's dz. (c). 66-65-57



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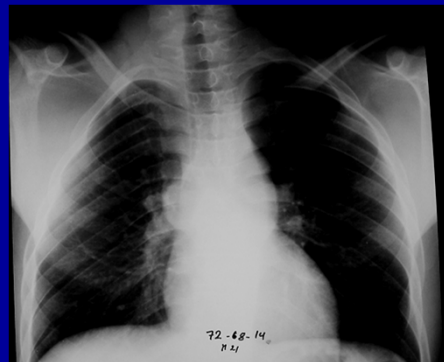
58

- M 21. Pott's disease.
- (a-c)
- 72-68-14

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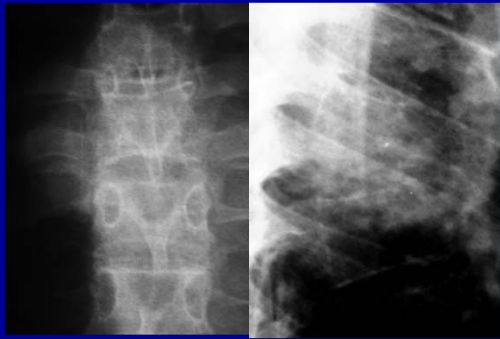
M 21. Pott's disease. (a-c). 72-68-14



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M 21. Pott's dz. (b). Detail. 72-68-14



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M 21. Pott's disease. (c). CT. 72-68-14



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- Tuberculosis of the hip joint
- (a-b)
- 72-56-75

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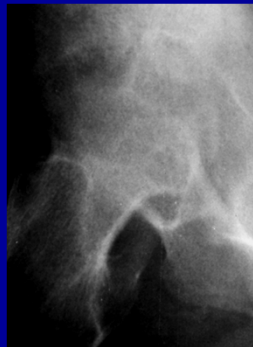
Tuberculosis of hip joint . (a-b). 72-56-75



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Tuberculosis of hip joint. (b). Detail.72-56-75



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- M 26. Coxitis
- Infective organism not known but most likely tuberculosis
- 72-20-66

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M 27. Coxitis. 72-20-66



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- M 30. Tuberculosis of carpus.
- Follow-up three years later.
- (a-d)
- 69-64-61

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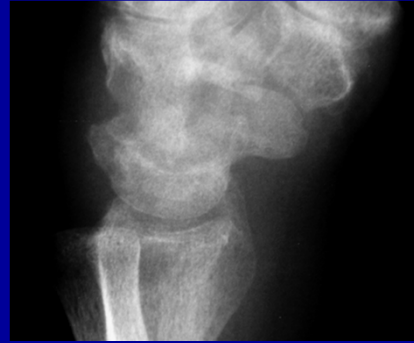
M 30. Infection of carpus. Tuberculosis. (a-d). 69-64-61.



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M 30. Infection of carpus. Tuberculosis. (b).69-64-61



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M 30. Infection of carpus. TB. 3 years later. (c). 69-64-61



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M 30. Infection of carpus. TB. 3 years after (a & b). 69-64-61



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