

The hand as a mirror of diseases

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Case - 1



A 25-year-old female presented with primary amenorrhea.

- 1) What is your diagnosis?
Ans : Turner Syndrome
- 2) What are the differential diagnoses for short 4thmetacarpal?
Ans : Pseudo hypoparathyroidism, Turner syndrome, Hereditary Multiple Exostosis
- 3) What is the expected finding in echocardiography?
Ans : Bicuspid Aortic Valve, Coarctation of Aorta
- 4) What is the expected karyotype?
Ans : 45(44 + XO)

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Case - 2



A 25-year-old man with pain in his hand. No history of fever or night sweats

- 1) What is the diagnosis?
Ans : Enchondroma with Pathological fracture
- 2) What is your differential diagnosis?
Ans : Spina Ventosa
- 3) Name 2 syndromes associated with this condition
Ans : Ollier disease and Maffucci syndrome
- 4) What is the treatment for this condition?
Ans : Curretage and bone grafting