

MICOD – 03/01/2024

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MI-COD

MSS INDIA- Case Of the Day



21 yrs old man
presenting with leg
pain
No history of trauma



OVERLAP SYNDROME

Melorheostosis + osteopoikilosis

MELORHEOSTOSIS :

- It is an uncommon mixed sclerosing dysplasia with disturbance of both intramembranous (predominantly) and endochondral ossification.

- 50% of cases present before 20 years of age.

- Clinical presentation varies from chronic pain & stiffness to contracture & deformity of the involved limb - either monostotic, polyostotic or monomelic. Most commonly affects the long bones.

-Characteristic imaging features include wavy hyperostosis that resembles melted wax dripping down the side of a candle..

OVERLAP SYNDROME

OSTEOPOIKILOSIS :

- It is characterised by symmetrically distributed numerous small, well-defined, homogenous, circular or ovoid radio-densities clustered in epiphysis and metaphysis of long bones in periarticular regions.
- abnormality in the endochondral bone maturation process
- The sporadic occurrence of osteopoikilosis with melorheostosis has been reported and raises the possibility that 2 disorders may be related. This condition is also referred to as **“overlap syndrome”** or **“mixed sclerosing bone dystrophy”**