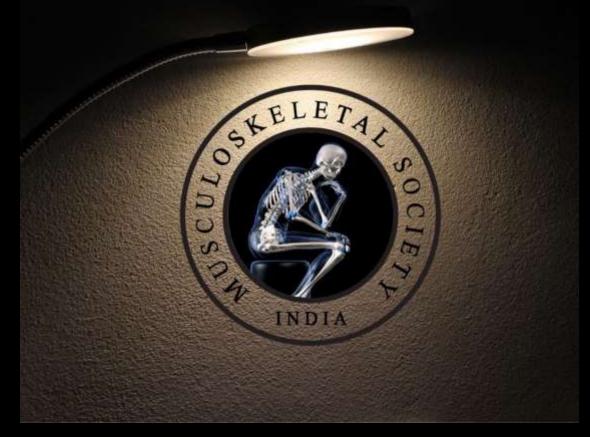
MICOD – 03/01/2024 Case contributor – Dr. (Prof.) Vijinder Arora



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 endochondrol 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"