

# Mixed sclerosing bone dysplasia

- Mixed sclerosing bone dysplasia (MSBD) is a combined and highly variable bone sclerosing spectrum with shared features of 3 radiological entities:
  - osteopathia striata
  - melorheostosis
  - osteopoikilosis
- Some authors propose these 3 conditions are within the same sclerosing spectrum.
- Little is known about this overlap dysplasia, which is proposed to be due to abnormal endochondral and intramembranous ossification.
- It may share an underlying etiology and loss of function mutations in the LEMD3 gene has been proposed .
- It has features of all 3 components but is highly variable and its etiology may be inherited or sporadic.