

MICOD – 12/02/2024

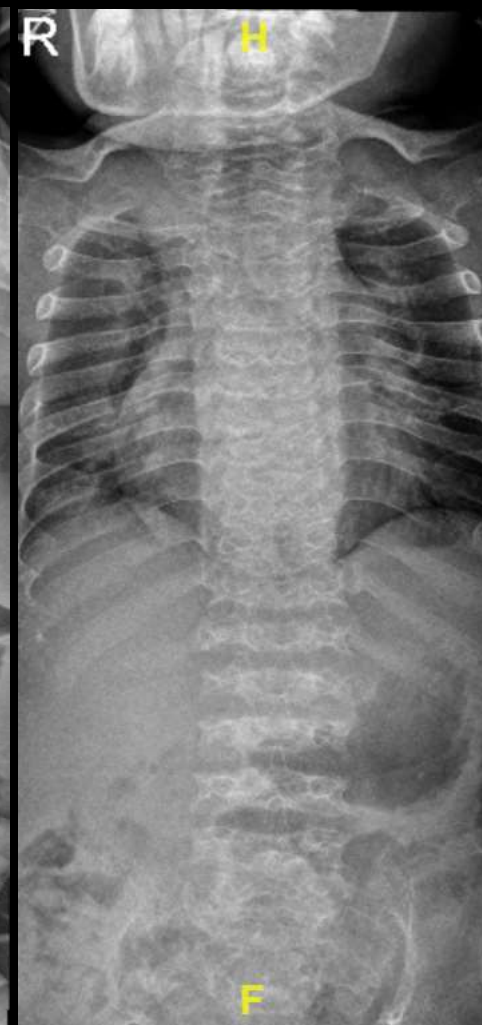
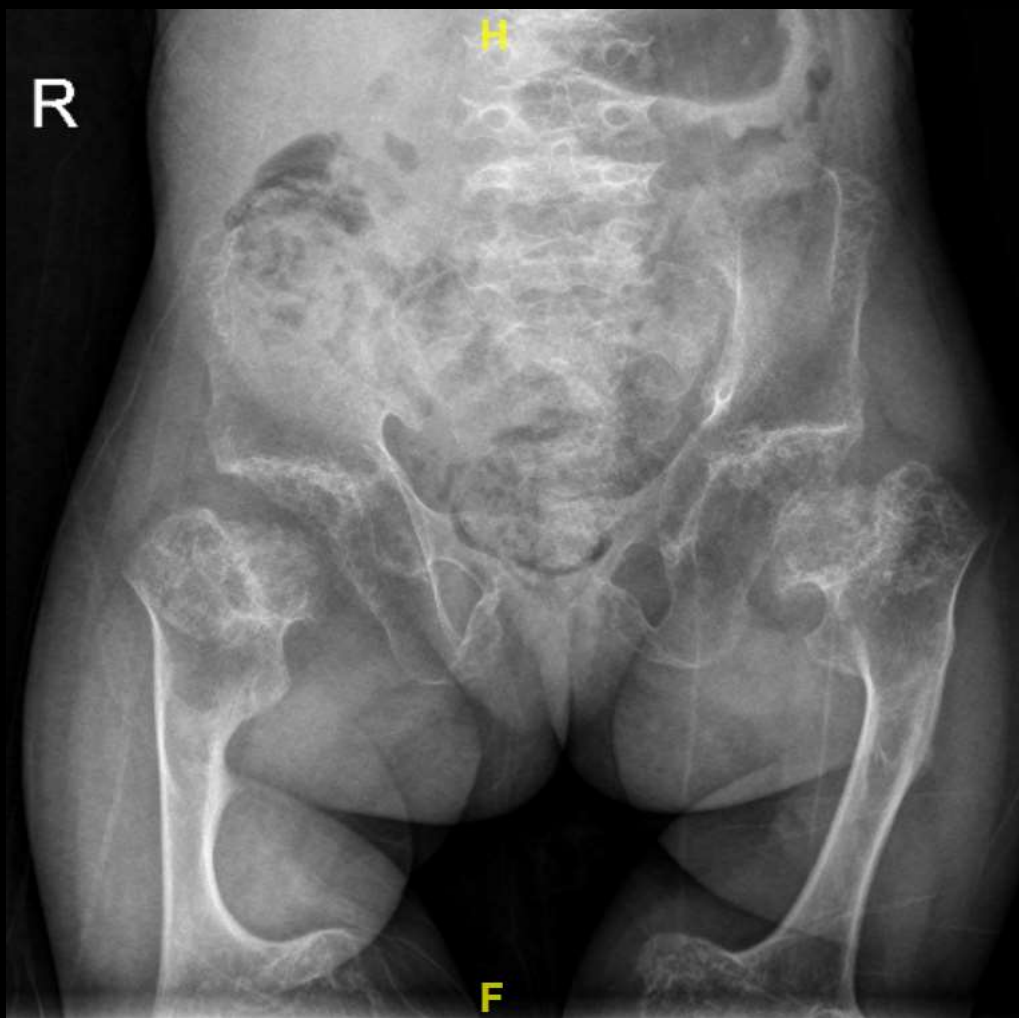
Case contributor – Dr. Praveen Kumar Chinniah

MI-COD

MSS INDIA- Case Of the Day



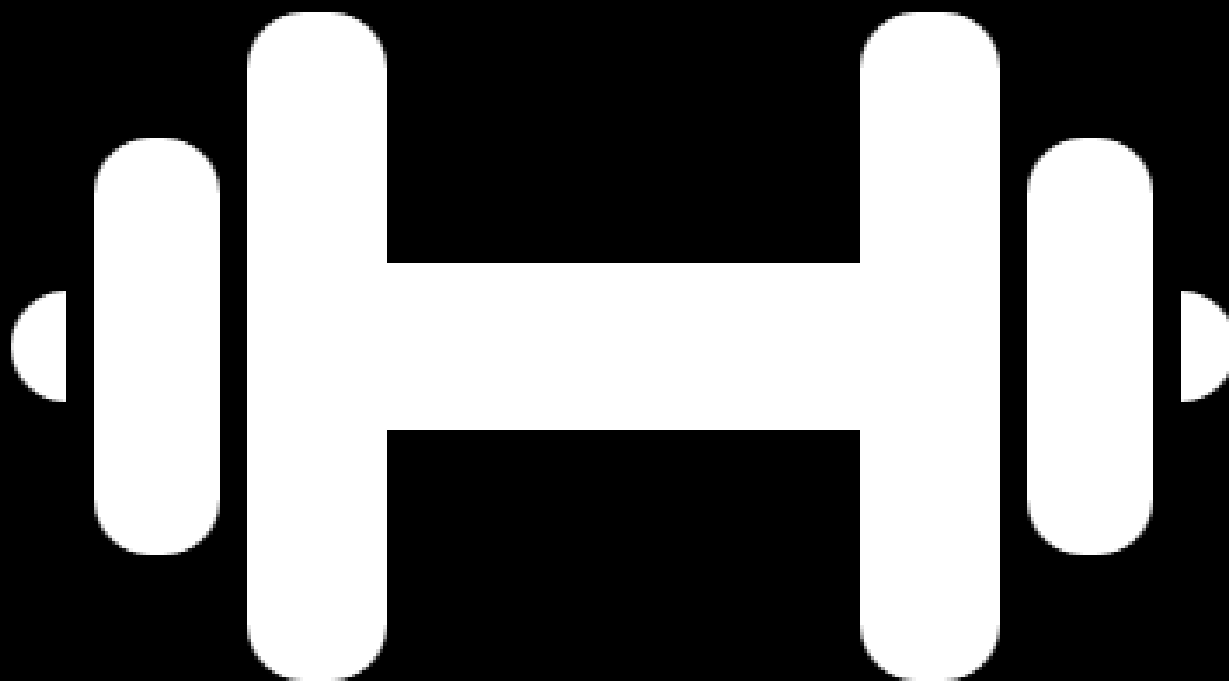
Child with short stature and thoracic kyphosis



Clue 1

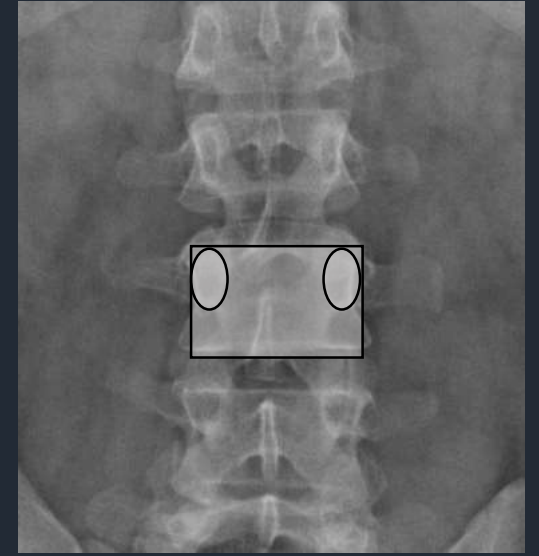
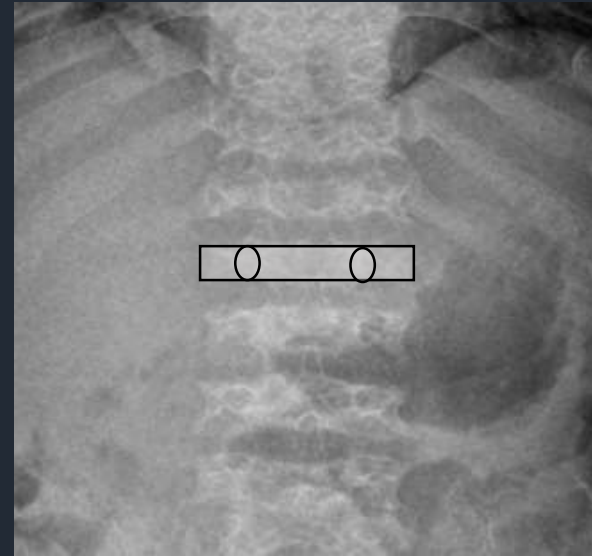


Clue 2



Answer - Metatropic dysplasia

- Rhizomelic dwarfism with platyspondyly (thin vertebrae with kyphoscoliosis), proximal flaring of crescentic iliac wings (Halberd-shaped pelvis) and dumb-bell / mushroom shaped long bones (short diaphysis and wide metaphysis)
- Skeletal phenotypes of this group of dysplasia change with time as patients age (in ancient Greek metatropos means 'changing patterns')



Over faced pedicles - characteristic finding

Normally pedicles overlap at the lateral border of the vertebral body in AP radiograph (left image)

In Metatropic dysplasia, excess vertebral body is seen lateral to the pedicles (right image)