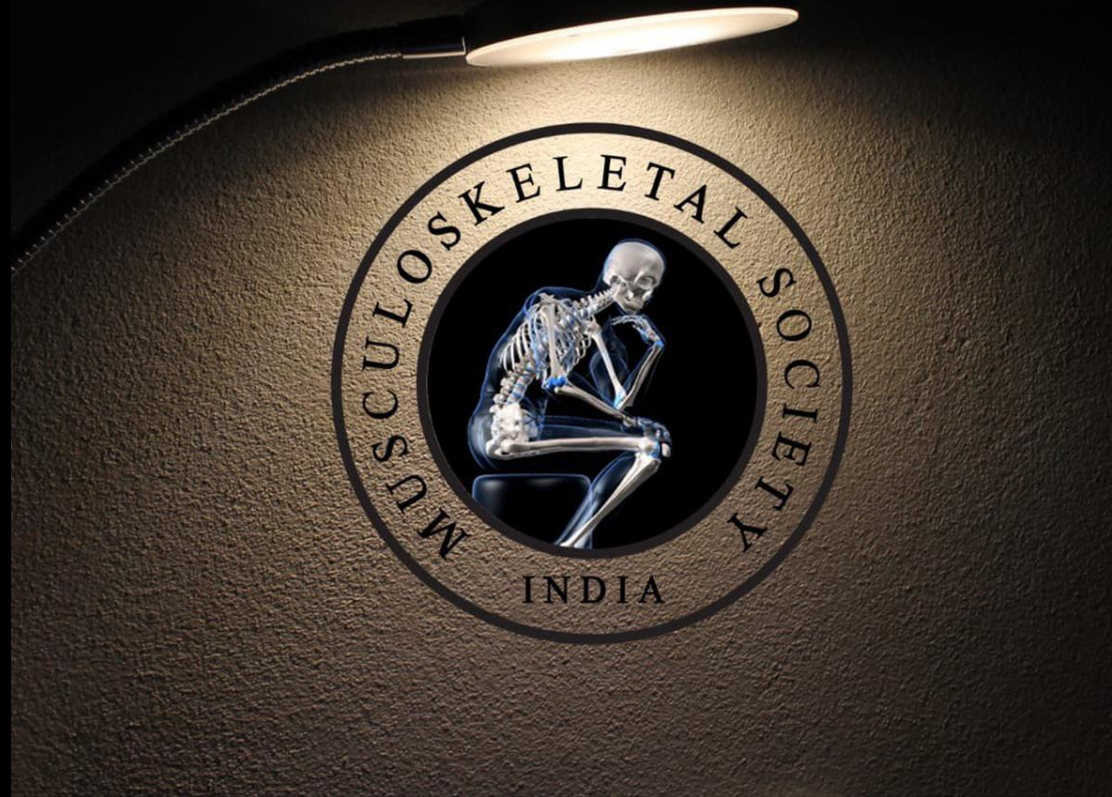


MICOD – 14/02/2024

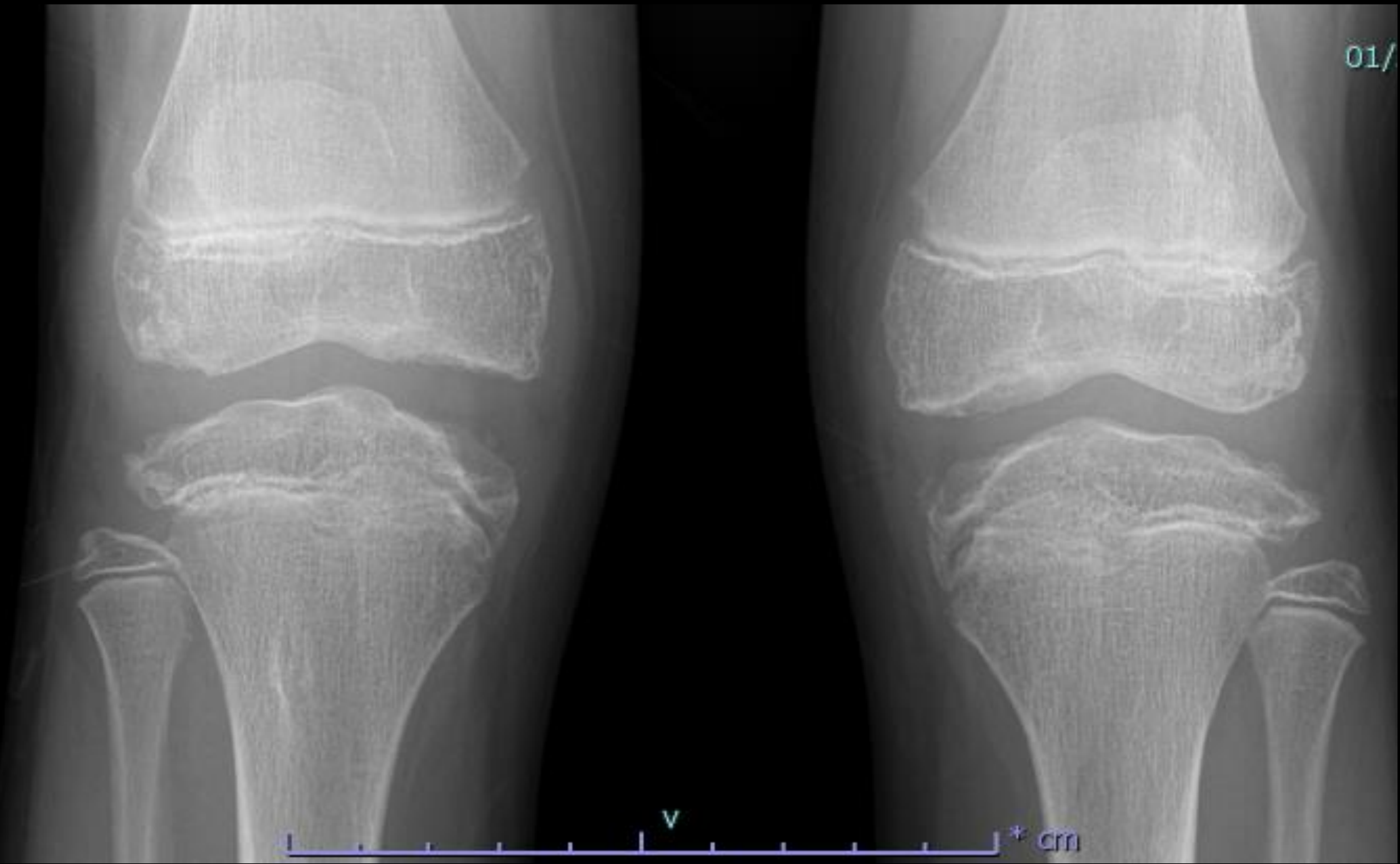
Case contributor – Dr. Sameer Raniga

MI-COD

MSS INDIA- Case Of the Day



13 years old with knee pain
AP and Lateral knee radiographs



v
* cm



Findings

- Extensive subchondral irregularity involving the articular surface of distal femur and proximal tibia.
- Flattening of both the femoral condyles is seen.
- Dysplastic looking proximal tibial epiphysis.
- Metaphysis and diaphysis appears normal.
- Patellar beaking in the upper pole on lateral radiograph.

Answer

- **1. What underlying disorder you would consider?**
 - **Thalassemia**
- **2. Is this a side effect of a treatment used in this disorder?**
 - **Deferiprone-Related Arthropathy of the Knees in Patients with β -Thalassemia**
- **3. Differential diagnosis?**
 - **JIA**
 - **Epiphyseal dysplasia**

References

- <https://ajronline.org/doi/10.2214/ajr.183.4.1830989>
- <https://link.springer.com/article/10.1007/s00256-021-03732-9>
- <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2765185/>