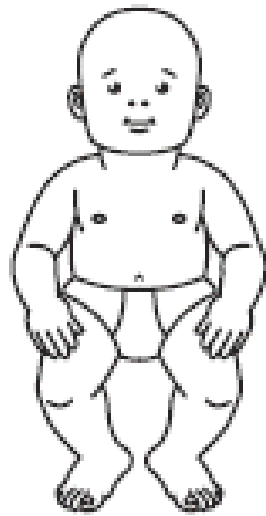


Deformities of lower limb

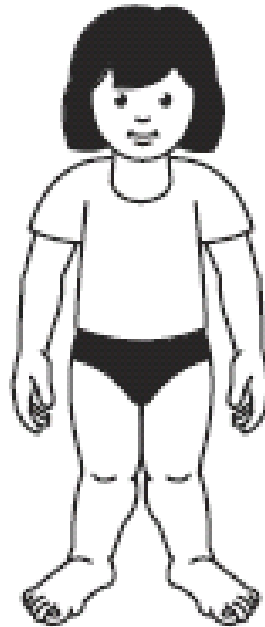
Dr. Sameer Desai

Pediatric Orthopedic Surgeon
KEM Hospital, Jehangir, Ruby hall
PUNE

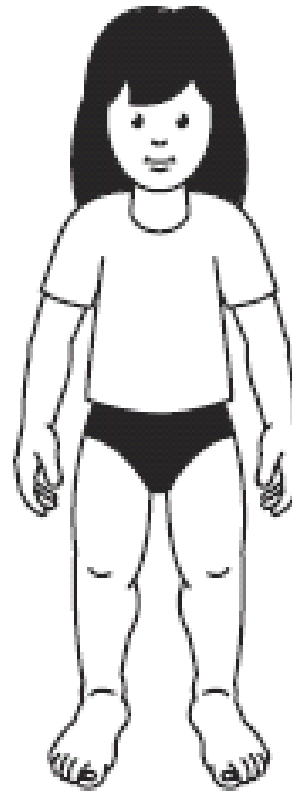
Normal Evolution of Bow legs



1 year

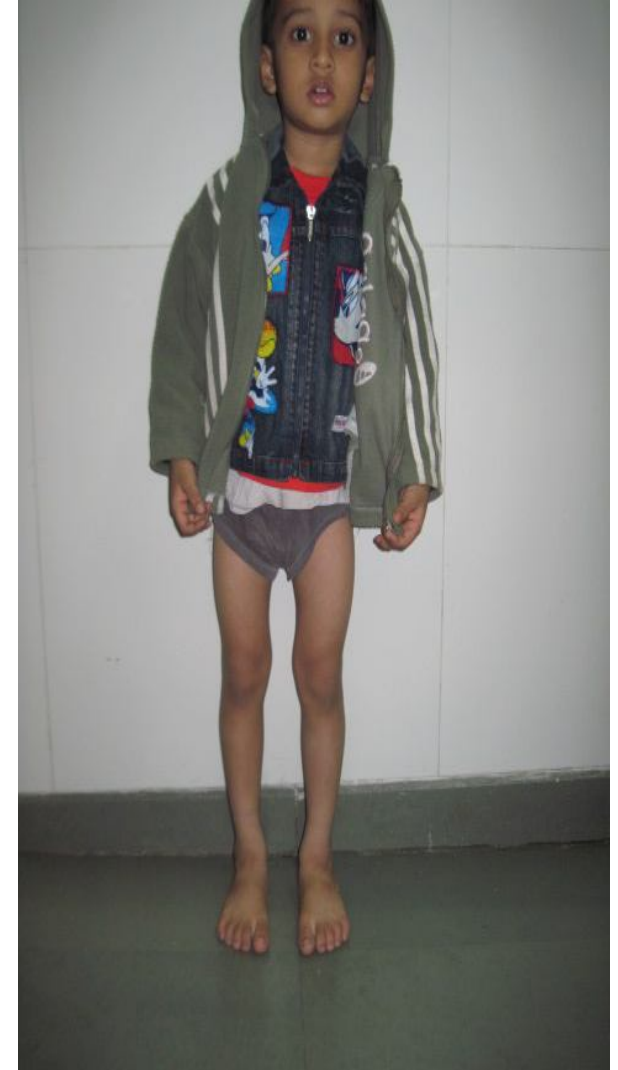


4 years



8 years

Correction of physiological genu varus



Rickets



Indications for reference

1. Bow legs get worse after 3 years
2. Knock knees persist after 8 years
3. Only one side is affected
4. Pain or limp
5. Child is unusually short (Achondroplasia)

1.5 yr old obese boy

After 1 yr



Blounts disease

3.5 yr. old with unilateral bow legs



Bracing



'8' Plate for hemi-epiphysiodesesis

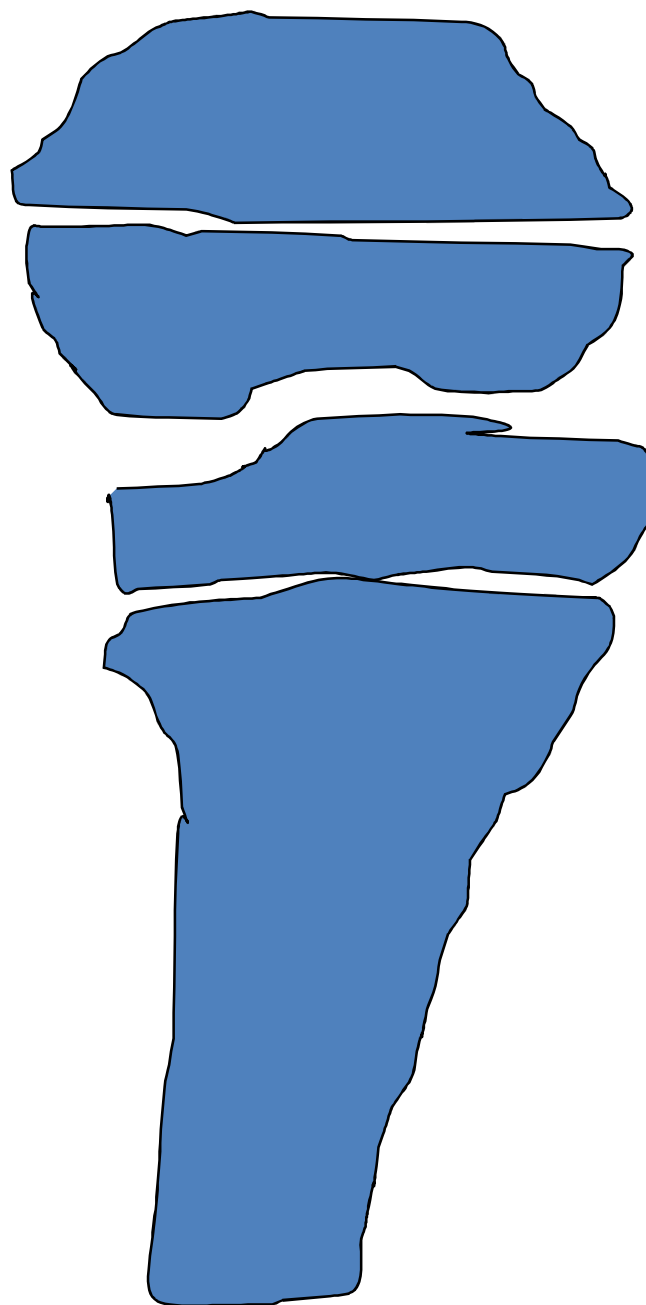
Pre operative



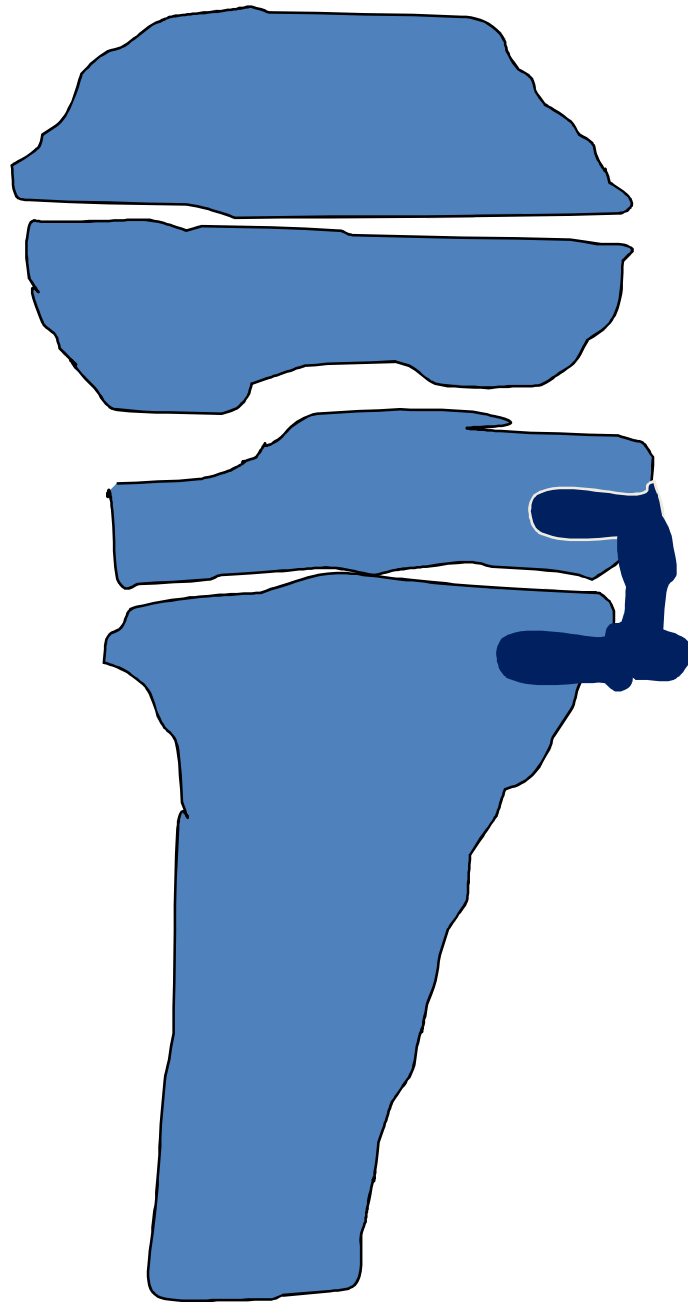
Post Operative



Epiphysiodesis
using 8 plates



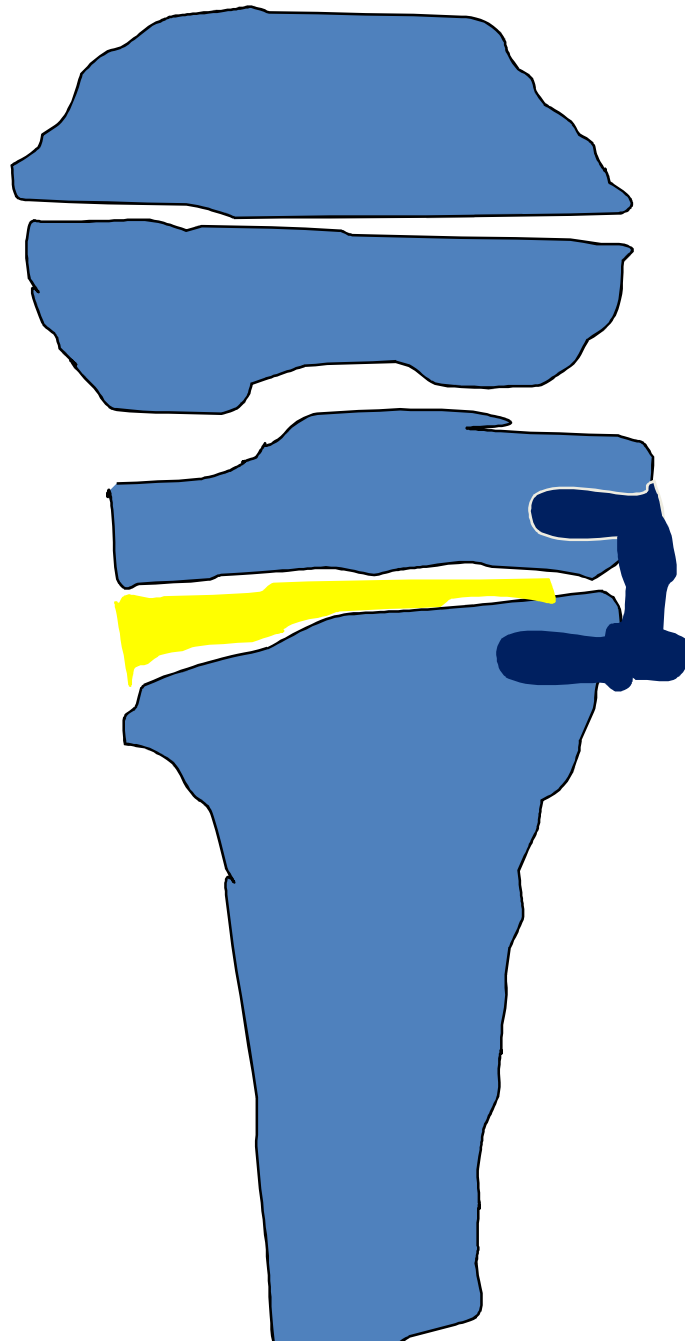
8 plates



8 plates

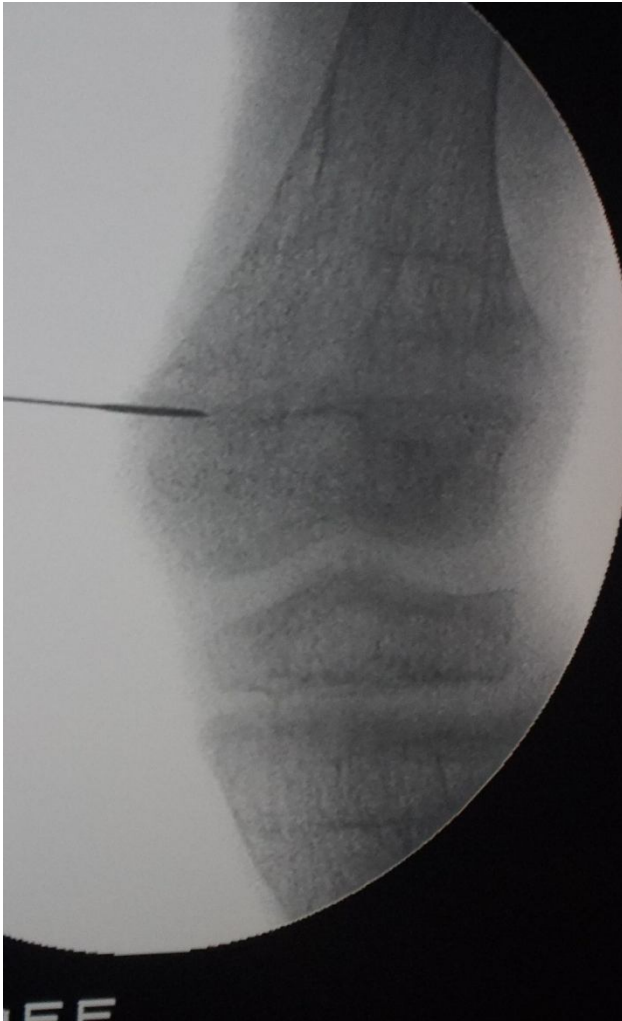


8 plates



Steps of 8 plating

Identify the physis

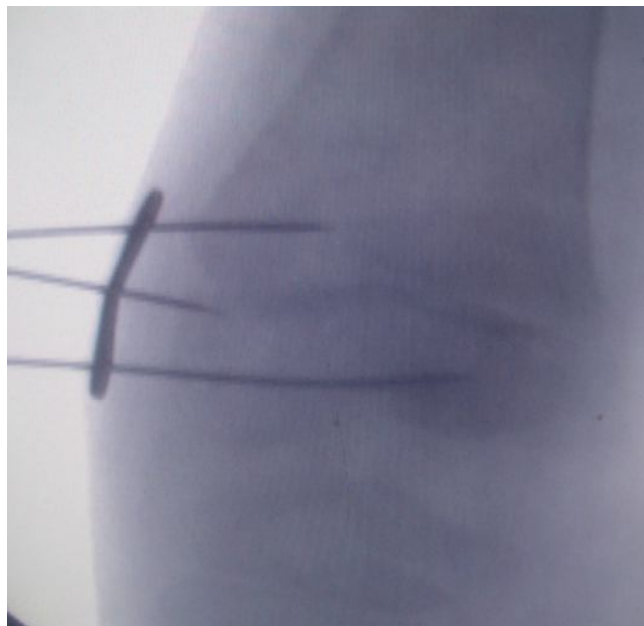


Slide the plate



Steps for 8 plating

Pass guide wires to confirm position



4 mm cc screw



Case example

Pre operative



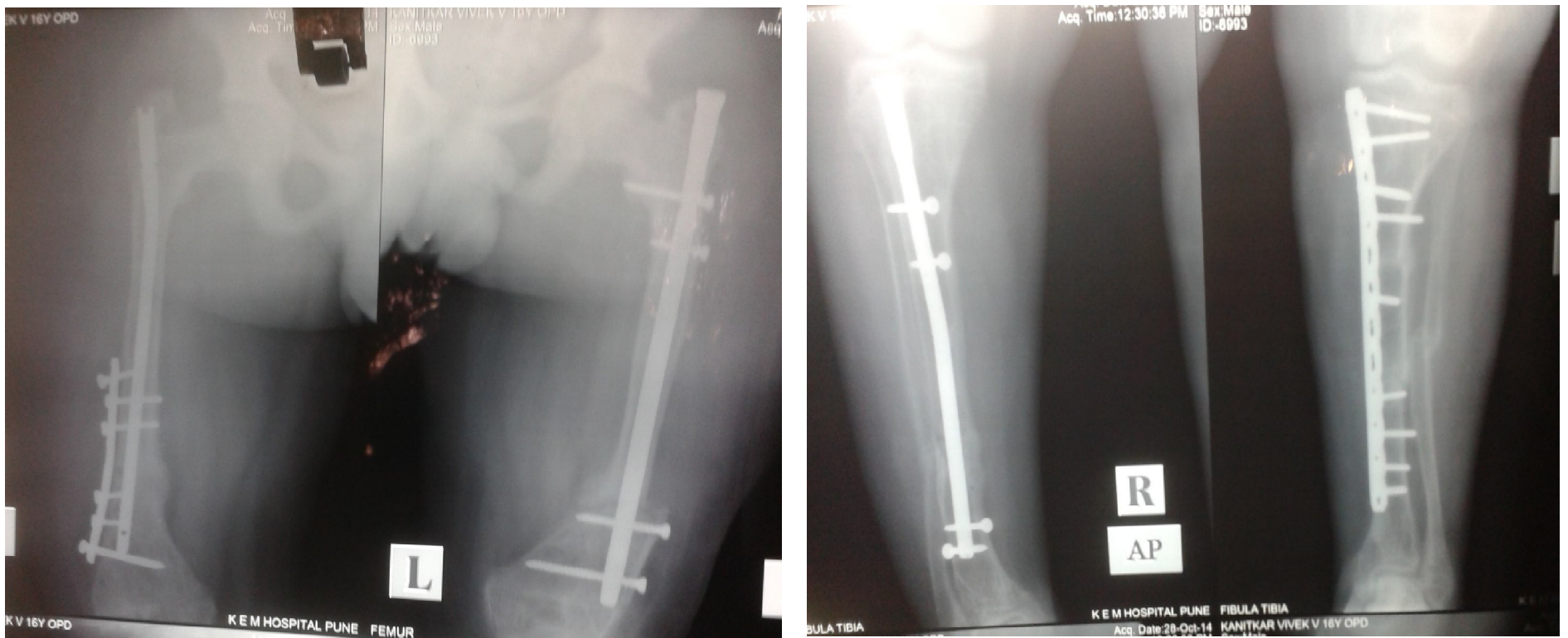
After 1.5 yrs





Post operative

Importance of intramedullary device



Rickets

5 yrs



7 yrs



Over correction- After 1.5 yr

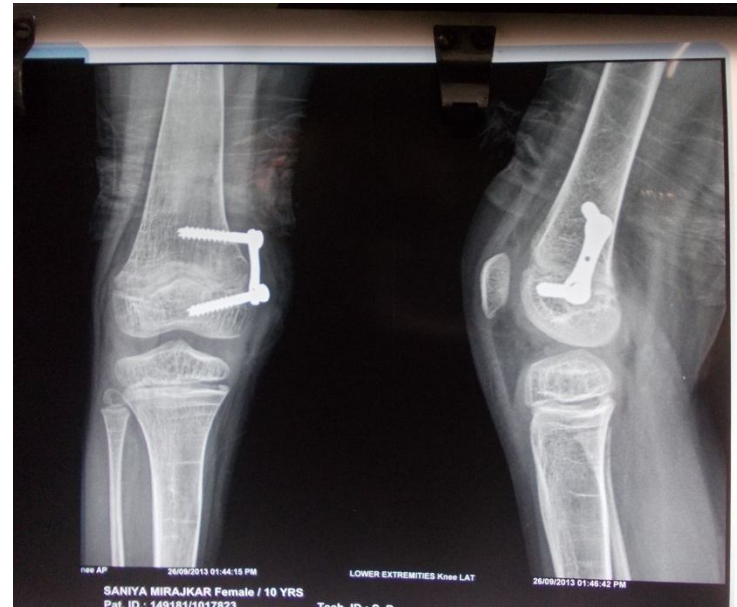


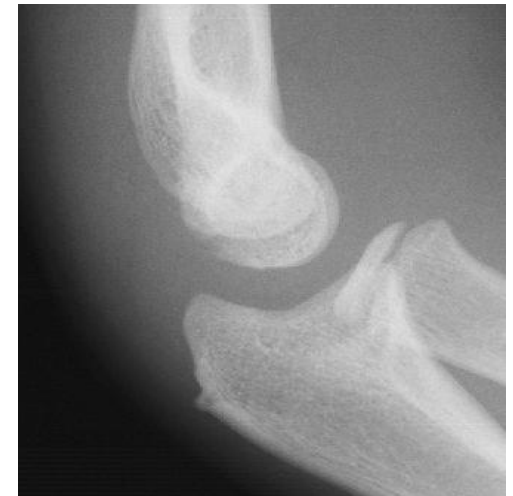
Removal and placing plates on opposite side-6 months after



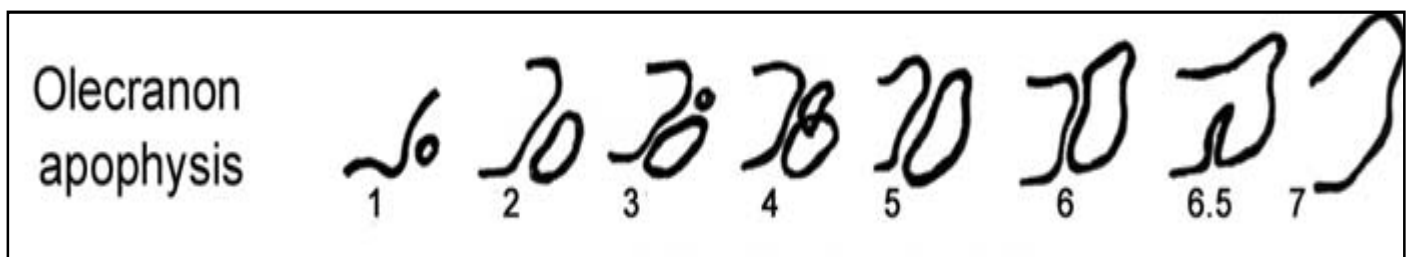
Renal Rickets







Elbow X ray –Sauvegrains score



3 yr. Old. No history of trauma or infection





Thank You