6 y/o F who presents for follow up bilateral hand evaluation

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Right Hand Radiograph
Left 5th Digit Radiograph
Clinodactyly
Shortening of the radial aspect of the 5th middle phalanx with radial angulation of the 5th digit.
Shortening of the radial aspect of the 5th middle phalanx with radial angulation of the 5th digit.
Clinodactyly

• Radial deviation of the 5th digit at the distal interphalangeal joint
• Often times, the middle phalanx is foreshortened along the radial aspect, trapezoidal or delta shaped
• Typically bilateral
• Congenital or Acquired
• Can be normal variant in up to 4% of the population
• Associated with numerous genetic conditions such as Down Syndrome, Apert Syndrome, and Rubinstein-Taybi Syndrome
• Often detected in utero via obstetric ultrasonography
References

