

7 y/o F with a hx of recent fall

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UConn
HEALTH

RADIOLOGY



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Torus (Buckle Fracture)



Lateral radiograph of the wrist shows cortical buckling at the distal radius (arrow)

Torus (Buckle Fracture)

What is it?

Buckle fracture is an incomplete fracture, which results in cortical buckling along the concave side of the bending bone. Usually occurs in the metaphyseal region, especially in the distal radius.

Imaging

Plain film with contralateral extremity helpful in a case of questionable abnormality.

Top differential

Three types of incomplete fractures including greenstick, torus and bowing. Incomplete fractures occur with increasing longitudinal force applied along the length of a bone.



A: Greenstick fracture.



B: Torus fracture.



C: Plastic deformation (bowing fracture).

References

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