Sticks and Stones *may* break my bones
**Epidemiology**

- 20% of injured children have a fracture
- 42% of boys and 27% of girls sustain a fracture during childhood
- Common locations: distal radius, elbow, clavicle, and tibial shaft.
Fracture or Swollen Painful Deformity

- Break in continuity of bone
- Closed
  - Overlying skin intact
- Open
  - Wound extends from body surface to fracture site
  - Produced either by bones or object that caused Fx
  - Danger of infection
  - Bone end not necessarily visible
The **Developing** Bone

- Thicker periosteum
- Bone is more elastic
- Allows for unique fracture types
  - Torus (buckle)
  - Greenstick
  - Bowing
- Avulsion before tendon rupture
Green Stick Fracture
Toddlers Fracture
Actual X-ray of this leg
Musculoskeletal Assessment

With few exceptions, orthopedic injuries are **not** life threatening. Do **not** let drama of obvious or grossly deformed fracture distract you from more serious problems involving ABC’s.
Just the Facts!

- **F**unction: Distal
- **A**rterial Pulses
- **C**apillary Refill
- **T**emperature
- **S**ensation
• **Rest**
• **Ice**
• **Compression**
• **Elevation**