

Distal Tibial Growth Plate

Distal Tibial Growth Plate *Closure-*

- *closes over about 18 months*
- 12-17 years of age - females
- 15-20 years of age - males
- **Physeal closure process**

*Source - Rockwood and Wilkins Textbook

- (1st) Centrally
- (2nd) Medially
- (3rd) Posterolateral
- (4th) Anterolateral (last to close)

The pattern of physeal closure explains transitional fracture patterns

- **Juvenile Tillaux Fracture**

- Salter-Harris III fracture pattern
- Anterolateral aspect of the tibia last to close



- **Triplane Fracture**

- Appears like a Salter-harris III on AP radiograph
- Appears like a Salter-harris IV on lateral radiograph

