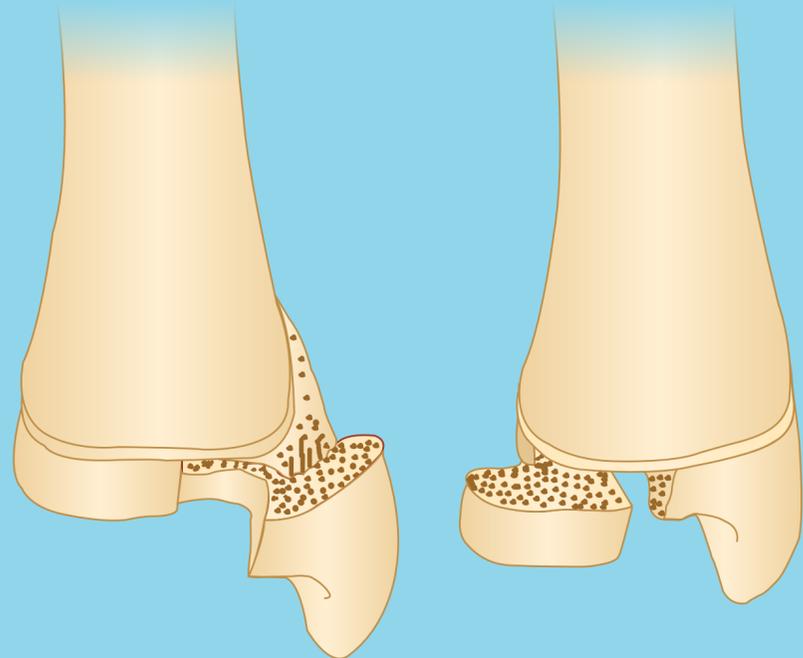
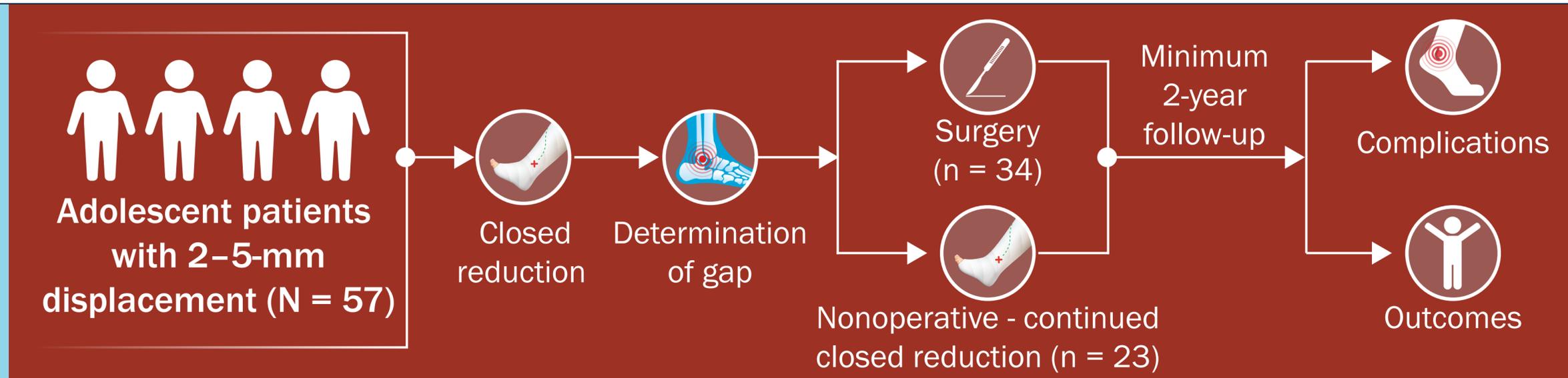


When Is Surgical Treatment for Tillaux or Triplane Fractures Advisable?

Tillaux and triplane fracture treatment is dictated by existing displacement, with surgery preferred for displacement >2 mm



However, there is not enough evidence for this in the literature



Mean follow-up
4.5 years
Range
2.0-9.2 years

- Nonoperative treatment
- Greater gap after closed reduction
- Complications

Worse outcomes

In nonoperative treatment

Mean Single Assessment Numerical Evaluation Sports score

- ≤2.5 mm gap
- >2.5 mm gap

Greater gap after closed reduction, nonoperative treatment, and complications were negative predictors of functional outcome, and surgery is recommended for a gap >2.5 mm

Functional Outcomes of Tillaux and Triplane Fractures with 2 to 5 Millimeters of Intra-Articular Gap

Lurie et al. (2020) | DOI: 10.2106/JBJS.19.01170

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