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Title: Functional and Radiological Outcome of Distal Tibia Fractures Treated With Minimally Invasive Plate Osteosynthesis A Retrospective Study.

Recommendation:
Accept as it is .....
Accept after minor revision.....
Accept after major revision .....
Do not accept (*Reasons below*) .....

Rating	Excel.	Good	Fair	Poor
Originality		✓		
Techn. Quality		✓		
Clarity		✓		
Significance		✓		

Reviewer Name: Dr. Aamina

Reviewer's Comment for Publication.

Overall Evaluation

This retrospective study of 34 patients examines functional and radiological outcomes after minimally invasive plate osteosynthesis (MIPO) for distal tibial fractures. The paper is well structured with a detailed methodology (lines 62–171), clear statistical analysis (158–167), and comprehensive results (172–209). It addresses a clinically relevant question and compares favorably with current literature (lines 237–267). Minor revisions to improve clarity, consistency, and reporting of certain details are recommended.

Major Comments

1. Abstract Clarity

   Lines 4–23:

   - Sentence at line 19–21 is fragmented ("minimally invasive plate osteosynthesis. is…"). Remove the extra period and smooth the flow.
   - Consider adding the exact sample size and key statistical outcomes (e.g., mean AOFAS improvement, p-values) to strengthen the abstract.

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2. Methodology Detail

   Lines 62–171:

   - Specify how missing data, if any, were handled.
   - Line 66–67: Provide IRB approval number or statement of waiver for transparency.
   - Line 83–99: The sample-size formula is helpful but formatting is awkward; present it as an equation or move to an appendix.

3. Results Presentation

   Lines 173–209:

   - Figures and tables are mentioned (e.g., Figure 1, Tables 1–3) but no actual figures are included. Ensure all visuals are provided, clearly labeled, and de-identified.
   - Table formatting (lines 180–195) should be standardized with headings and units.

4. Discussion Depth

   Lines 212–317:

   - Strengthen the comparison of this cohort's early AOFAS scores (lines 237–245) with possible reasons for the lower 3-month outcome—rehabilitation differences, fracture severity, etc.
   - Briefly address potential biases inherent in a retrospective single-center design.

Minor Line-Specific Suggestions

- **Line 15:** "weredistal(50%) as well as lateral(50%) tibial fracture" → "were distal (50%) and lateral (50%) tibial fractures."
- **Lines 87–99:** Present the sample size equation in one concise line for readability.
- **Lines 140–141:** Correct the line break in "follow-ups ensured that the progression…".
- **Lines 211 & 205:** Ensure Figure 1 is inserted with a legend describing union time.
- **References (318–409):**
  - Check journal abbreviations and spacing for consistency.
  - Verify all in-text citations match the reference list (e.g., confirm that [7-9] at line 56 correctly corresponds).

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Strengths

- Clear Structure: Well-organized sections—Introduction, Methods, Results, and Discussion—facilitate understanding.
- Comprehensive Data: Includes VAS, AOFAS, and Rasmussen scores with appropriate statistical analysis.
- Clinical Relevance: Supports MIPO as a viable option with low complication rates and timely fracture union (~12 weeks).