

## REVIEWER'S REPORT

Manuscript No.: IJAR-55467

**Title:** Retrospective analysis of Clinical Presentation and Pharmacotherapy of Osteoporosis in an Orthopaedic Tertiary Care Hospital.

### Recommendation:

Accept after minor revision

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

Reviewer Name: Dr. Sudheer Aluru

### *Detailed Reviewer's Report*

This manuscript presents a **retrospective drug utilization and clinical profiling study** of patients diagnosed with osteoporosis and managed in a tertiary-care orthopaedic hospital. The study is **methodologically sound**, internally consistent, and aligned with its stated objective of describing real-world prescribing patterns in an inpatient orthopaedic setting.

The authors clearly document that pharmacotherapy during hospital admission primarily focused on **symptomatic management**, with frequent use of NSAIDs, calcium and vitamin supplementation, and gastroprotective agents. Importantly, the manuscript **does not overclaim effectiveness, guideline adherence, or long-term outcomes**, which is appropriate for the chosen study design.

The paper is suitable for publication following **minor revisions** aimed at strengthening contextual interpretation and improving clarity, without altering the study's descriptive scope.

## REVIEWER'S REPORT

### Minor Revisions Required

#### 1. Clarify Context of Prescribing Practices

While the manuscript accurately reports observed prescribing patterns, readers may misinterpret these findings as representative of comprehensive osteoporosis management.

#### Suggested revision:

“The prescribing patterns observed in this study primarily reflect acute inpatient or orthopaedic management focused on symptom control, while long-term osteoporosis-specific pharmacotherapy is often initiated in outpatient or specialty settings.”

This clarification will help contextualize the findings without changing the study's scope.

#### 2. Explicitly Quantify Osteoporosis-Specific Pharmacotherapy

The Results section would benefit from a brief, explicit statement on whether any disease-specific anti-osteoporotic agents (e.g., bisphosphonates) were prescribed.

#### Example:

“Only a small proportion of patients were prescribed osteoporosis-specific pharmacotherapy, while the majority received symptomatic and supportive medications.”

This strengthens interpretability while remaining descriptive.

#### 3. Minor Language and Editorial Refinements

- Correct minor grammatical and formatting issues.
- Ensure consistent terminology (e.g., NSAIDs, vitamin D, calcium supplementation).
- Slightly streamline repetitive discussion points.

### Final Recommendation

The manuscript represents a **valid, well-conducted descriptive drug utilization study** with practical relevance. With minor contextual clarification and editorial refinement, it is suitable for publication.