



ISSN NO. 2320-5407

ISSN(O):2320-5407|ISSN(P):3107-4928

# International Journal of Advanced Research

Publisher's Name: Jana Publication and Research LLP

[www.journalijar.com](http://www.journalijar.com)

## 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 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.