

REVIEWER'S REPORT

Manuscript No.: IJAR-55298

Title: "Exploring the Depths: Unraveling FGF-23 Driven- Hypophosphatemia in Shadows of Phosphaturic Tumours

Recommendation:

Accept as it is

Accept after minor revision.....

Accept after major revision

Do not accept (*Reasons below*)

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

Reviewer Name: Dr. Sumathi

Detailed Reviewer's Report

- Hypophosphatemia is a medical condition defined by abnormally low levels of phosphate in the blood, often less than 2.5 mg/dl in adults, which can arise from poor intake, increased excretion, or phosphate shifting into cells.**
- While mild cases might be asymptomatic, severe or chronic hypophosphatemia can cause symptoms like muscle weakness, fatigue, confusion bone pain, respiratory issues, cardiac problems, seizures and coma, stemming from impaired energy production.**
- Treatment focuses on addressing the underlying cause and supplementing with oral or IV phosphate.**
- Phosphaturic mesenchymal tumors are rare bone soft tissue growths that cause tumor induced osteomalacia by overproducing the hormone FGF23, leading to low blood phosphate and bone softening causing muscle weakness, bone pain and fractures.**
- Diagnosis involves finding the tumor through imaging ,while treatment focuses on complete surgical removal for a cure though blocking drugs help manage symptoms if surgery is not possible.**

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- 6. Osteomalacia is a bone disease in adults causing soft, weak bones due to insufficient mineralization, usually from a severe vitamin D deficiency, leading to symptoms like bone pain muscle weakness and easy fractures.**
- 7. Key words are given good can be given more words.**
- 8. Significant points are given with meaningful.**
- 9. Result part should be given tables for results.**
- 10. Summary points can be included.**
- 11. References should be in alphabetical order.**
- 12. After those corrections good to publish in your journal.**