

REVIEWER' S REPORT

Manuscript No.: IJAR-52748

Date: 12/07/2025

Title: Abnormal Fusion of the Sacroiliac Joint with Complete Ossification of the Anterior Sacroiliac Ligament: A Congenital Anomaly

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: Sakshi Jaju

Date: 12/07/2025

Reviewer' s Comment for Publication.

Abstract:

The abstract introduces the topic but is too brief and lacks structure. It should clearly state the objective, method (case report), and conclusion.

Introduction:

The introduction provides detailed anatomical information about the sacroiliac (SI) joint, including its structure, function, and ligaments. It explains the importance of the SI joint in load transfer and its role in movement and stability.

Case Report:

This is a case report based on a dry male pelvis found during an anatomy class in India. The right SI joint showed abnormal fusion with complete ossification of the anterior sacroiliac ligament. The case includes detailed bony changes, such as underdeveloped iliac spines, irregular iliac crest, changes in sciatic notches, and unusual foramina on the sacrum. The findings are well-documented with reference to figures, but the language is complex and repetitive. Bullet points are helpful but should be rewritten more clearly and briefly.

Result and Discussion:

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The discussion highlights how SI joint fusion and ligament ossification can affect joint mobility, weight transmission, and surgical planning. It compares the current case with known variations like bilateral ankylosis, noting that this case is unilateral and caused by anterior ligament ossification.

Relevance and Contribution:

This is a rare anatomical finding. It contributes to better understanding of SI joint anomalies, which are important for surgeons, radiologists, anatomists, and clinicians. Recognizing such variations may help avoid misdiagnosis or surgical errors.

Clarity and Organization:

The article contains valuable anatomical details. However, there are grammatical errors, long sentences, and some awkward phrases. The paper would benefit from language editing

Overall Assessment:

This is a well-documented and rare case report. It shows an unusual presentation of SI joint fusion due to anterior ligament ossification. With minor revisions in language and formatting, this article will be a valuable contribution to anatomical and clinical literature.

Recommendation:

Manuscript accepted for the publication