

REVIEWER'S REPORT

Manuscript No.: IJAR-54933

Title: Basilar Artery Enlargement in an Elderly Female Cadaver

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 S. K. Nath

Date: 24.11.25

Detailed Reviewer's Report

1. Strengths of the Paper

- **Clear Focus on a Rare Case:** The paper reports an uncommon finding of asymptomatic basilar artery enlargement in an elderly cadaver, which contributes valuable data to the limited literature on vascular anomalies.
- **Thorough Descriptive Dissection:** The detailed anatomical measurements and careful dissection findings provide precise and reliable descriptions, enhancing the anatomical understanding of basilar artery dilatation.
- **Integration of Literature and Context:** The manuscript effectively contextualizes the case within existing knowledge, discussing potential mechanisms, clinical relevance, and associated risk factors.
- **Educational and Clinical Relevance:** The discussion underscores the importance of early detection and management of vascular abnormalities, which is beneficial for both clinicians and anatomists.

2. Weaknesses of the Paper

- **Limited Case Details:** As a single case report, it lacks information on patient history, risk factors, or follow-up data, which could enhance the clinical applicability.
- **Absence of Imaging Data:** No radiological images or photographs are included to visually substantiate the anatomical findings.
- **Lack of Discussion on Genetic or Pathological Factors:** The paper does not explore possible genetic predispositions or underlying pathologies that could explain arterial enlargement.
- **Minimal Explanation of Significance:** The manuscript could elaborate more on the implications of finding an enlarged basilar artery in asymptomatic individuals and its potential progression.

3. Reviewer Comments

- **Ethical Clearance:** It appears that ethical approval was not explicitly mentioned, which is generally necessary for case reports involving human tissue. Clarification is recommended, especially regarding consent procedures.
- **Methodology Issues:** The methodology mainly consists of dissection findings; more detailed information about the dissection procedure, measurement techniques, and tools used would enhance reproducibility.
- **Typographical Mistakes:** Minor typographical issues are present, for example, inconsistent spacing and minor punctuation errors, though they do not impede understanding.

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- **Grammar and English Quality:** The writing quality is generally good; however, some sentences could be polished for clarity and flow, particularly in the introduction and discussion sections.
- **Formatting:** The formatting is mostly consistent but could benefit from clearer headings and subheadings to distinguish sections such as Introduction, Case Report, Discussion, and Conclusion.
- **Clarity of Objectives, Results, and Conclusion:** The objectives and significance are generally understandable, although explicitly stating the study's aims at the beginning would improve clarity. The results are clearly presented, but the conclusion could be more explicit about the potential clinical implications.
- **References:** The references are appropriate and relevant; however, ensuring they follow a consistent citation style and include all necessary details will improve academic credibility.
- **Missing or Incomplete Information:** It would be beneficial to include information about the patient's medical history, risk factors, or family history if available. Also, images of the dissection findings should be added to strengthen the report.