

Peer Review

Review of: "Comparison of Clinical and Radiological Diagnosis with Autopsy Findings in Fatal Traffic Accident Cases"

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The article "Comparison of Clinical and Radiological Diagnosis with Autopsy Findings in Fatal Traffic Accident Cases" presents a clinically valuable and methodologically structured investigation addressing diagnostic discrepancies in fatal road traffic accident cases, supported by a clearly defined sample, appropriate use of kappa statistics, and strong relevance to trauma quality improvement and forensic audit practices. The study provides meaningful evidence confirming the continued importance of autopsy as a diagnostic gold standard and contributes useful data regarding commonly missed injuries, particularly intracranial hemorrhages and cervical spine trauma. However, several limitations reduce the external validity and analytical strength of the manuscript, including its single-center design, moderate sample size, and lack of detailed stratification based on injury severity, time to death, or imaging modality performance comparison. Additionally, the manuscript is overly descriptive with repetitive presentation of statistical outcomes without sufficient multivariate or predictive analysis, and clearer standardization of radiological protocols and clinician experience levels would improve methodological transparency. The article would benefit from incorporating regression or risk-factor modeling, expanding multicenter datasets, clarifying the clinical implications of discordant findings, and condensing lengthy results sections to enhance readability and scientific impact.

Declarations

Potential competing interests: No potential competing interests to declare.