

Review of the Manuscript: Anesthesia Videos in Geriatric and Elderly Patients on YouTube: Content, Quality, Reliability, and Usefulness Assessment

1. Basic Reporting

- The abstract is clear and effectively directs the reader to the focus of the research topic.
- The keywords should be presented in alphabetical order for consistency and ease of reference.
- The introduction broadly discusses the hypothesis regarding anesthesia-related YouTube videos. However, it would benefit from the inclusion of scientific literature or field-specific evidence related to elderly populations to strengthen its claims.
- Consider incorporating literature that explores the perceptions or feedback of elderly individuals regarding online health content. This would provide a more robust foundation for the study's rationale and align it more closely with the stated objectives.

2. Experimental Design

- A brief explanation of Google Trends and the criteria used for identifying the most viewed videos on "geriatric anesthesia" and "anesthesia in the elderly" should be included to enhance methodological clarity.
- The exclusion criteria for video selection should be explicitly stated to ensure transparency and reproducibility.
- A more detailed explanation of the scoring criteria employed in the methodology is necessary to facilitate replication and comprehension. (GQS, M-DISCERN, GEACS)

3. Validity of the Findings

- The study's findings are credible and supported by robust statistical analyses, with appropriate significance testing applied to assess differences in video quality, reliability, and usefulness across different sources.
- The manuscript would be enhanced by the inclusion of visual tools, such as graphs or charts, to present the data more effectively.
- A deeper discussion comparing the findings with prior research is warranted. Additionally, the authors should explicitly address potential study limitations, such as the demographics of video viewers and the inherent subjectivity in scoring criteria.

4. Additional Comments

- Typographical errors should be corrected throughout the manuscript to improve readability.
- Consistency in word usage is essential; for example, "youtube" should be corrected to "YouTube" as it refers to a specific platform (line 95).

5. Confidential Notes to the Editor

This manuscript presents a novel and pertinent study assessing anesthesia-related YouTube videos for geriatric and elderly patients, focusing on their content, quality, reliability, and usefulness. The topic is particularly relevant given the increasing reliance on online platforms for health education. However, several areas require improvement, including the correction of typographical and grammatical errors, as well as the integration of a more extensive comparison with prior literature. While the study is methodologically sound, addressing these minor revisions would significantly enhance its contribution to the field. Overall, the manuscript holds strong potential for publication after these revisions are made.