Review of: "Deep Learning in Medical Image Registration: Introduction and Survey"

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I have carefully reviewed the paper titled "Deep Learning in Medical Image Registration: Introduction and Survey," and I would like to provide my feedback and assessment of the manuscript.

Firstly, I must acknowledge that the topic of deep learning in medical image registration is undoubtedly significant and has garnered much attention in recent years. The potential for deep learning to revolutionize medical imaging applications is undeniable. However, I regret to inform you that the current manuscript has several critical issues that render it ineligible for publication in its current form. Below are the key points of concern:

1. The paper fails to present a novel contribution to the field of medical image registration. While survey articles are valuable, they must provide unique insights, critical analysis, or new perspectives. This manuscript primarily reiterates existing knowledge without offering any substantial advances or fresh perspectives.

2. The paper lacks depth in its analysis of deep learning methods for medical image registration. It briefly mentions various techniques but does not delve into the technical details or provide in-depth discussions about their strengths, weaknesses, and real-world applications. It also fails to explore recent advancements or trends in the field.

3. The references provided are limited and outdated. A comprehensive survey paper should include a thorough review of the relevant literature, including recent publications. This paper appears to miss out on important contributions made in recent years.

4. The overall structure of the paper needs improvement. It lacks clear subsections and a logical flow, making it challenging for readers to follow the content. Furthermore, the writing style and language need refinement to enhance readability.

5. Given the practical nature of medical image registration, readers would benefit from real-world case studies or experimental results. The absence of such empirical evidence diminishes the paper's credibility and practical relevance.

I appreciate the effort put into this work and encourage the author(s) to address these concerns and resubmit a revised manuscript in the future.