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

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Potential competing interests: No potential competing interests to declare.

The paper begins with a clear and concise abstract that provides an overview of image registration (IR) and its importance in medical imaging. It effectively sets the stage for the discussion by explaining the need for aligning medical images to a reference space and highlights the various transformations and algorithms used in medical image registration (MIR). The introduction, though not explicitly provided in detail, seems to establish the context and significance of MIR well, drawing attention to the evolving role of deep learning (DL) in this field.

Overall, the paper provides a valuable survey of deep learning approaches in medical image registration, offering both a comprehensive overview and insightful directions for future research. It would benefit from a more focused presentation and deeper analytical content.

Additional Considerations

- **Clarity and Detail**: Ensure that each method is described in detail, providing enough context for readers unfamiliar with the specific scientific concepts.
- **Consistent Terminology**: Use consistent terminology throughout the paper to avoid confusion.

This structured approach will help in clearly conveying the speculative nature and challenges of each proposed method, making the manuscript more accessible and informative for readers.