

Review of: "Radiological parameters after LLIF for adjacent-level disease treatment"

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Potential competing interests: No potential competing interests to declare.

1. The sample size in this study was determined based on the number of patients who met the inclusion criteria and completed the informed consent form. It is not explicitly mentioned how the specific sample size of 37 patients was determined, but it is common for researchers to calculate a desired sample size based on factors such as statistical power, effect size, and anticipated variability in outcomes. Additionally, practical considerations such as available resources and feasibility may also influence the determination of sample size.
2. It's important for researchers to identify potential biases and take steps during participant selection , blinding procedures during data collection , using standardized measurement tools etc., minimize them so that they do not unduly influence study conclusions.
3. This study contributes to advancing our understanding of LLIF surgery's efficacy in treating adjacent-level disease by providing objective measurements through radiographic analysis. This information can guide clinical decision-making processes regarding surgical interventions while also potentially improving patient care and outcomes.