**PRISMA 2020 Checklist**

Manuscript Title: A Structured Engineering Review of Robotic Systems in Craniofacial Surgery: Architecture, Validation, and Accuracy

| Section and Topic | Item No. | Checklist Item | Reported on Page No. |
|---|---|---|---|
| TITLE | 1 | Identify the report as a structured review | Title page |
| ABSTRACT | 2 | Provide a structured summary including background, methods, results, and conclusions | Abstract |
| INTRODUCTION | 3 | Describe the rationale for the review | Introduction |
| | 4 | Provide an explicit statement of objectives | Introduction |
| METHODS | 5 | Specify the inclusion and exclusion criteria | Methods |
| | 6 | Specify all information sources (databases, dates) | Methods |
| | 7 | Present the full search strategy | Methods |
| | 8 | Describe the selection process (including number of reviewers) | Methods *(no automation tools used)* |
| | 9 | Describe the data collection process | Methods |
| | 10 | Define all data items collected | Methods |
| | 13 | Describe synthesis methods | Methods |
| RESULTS | 16 | Describe the study selection process with flow diagram | Results; Figure 3 |
| | 17 | Cite included studies | Results |
| | 18 | Present characteristics of included studies | Results |
| | 20 | Present results of synthesis | Results |
| DISCUSSION | 23 | Provide interpretation of results | Discussion |
| | 24 | Discuss limitations of the evidence | Discussion |
| | 25 | Discuss implications for practice and future research | Discussion |
| OTHER INFORMATION | 26 | Provide registration information | Methods *(not registered)* |
| | 28 | Describe sources of funding | Funding section |
| | 29 | Declare competing interests | Conflicts of Interest |
| | 30 | Describe availability of data/materials | Data Availability Statement |