

Table S1 Search terms

Items	Specification
Date of Search (specified to date, month and year)	28 th February 2022
Databases and other sources searched	MEDLINE
Search terms used (including MeSH and free text search terms and filters) Note: please use an independent supplement table to present detailed search strategy of one database as an example	Search Strings: - Robotic surgery AND neonatal surgery, - Robotic surgery AND pediatrics AND thoracic surgery - Robotic surgery AND pediatrics AND abdominal surgery - Robotic surgery AND pediatrics AND urologic surgery - Robotic surgery AND pediatrics AND hepatobiliary surgery - Robotic Surgery AND pediatrics AND surgical oncology
Timeframe	1 st January 2010–28 th February 2022
Inclusion and exclusion criteria (study type, language restrictions etc.)	The selection criteria were limited to the English language, pediatric patients (under 18 years of age), and articles published after 2010
Selection process (who conducted the selection, whether it was conducted independently, how consensus was obtained, etc.)	Commentaries, editorials, short notes, and letters to the editor were excluded
Any additional considerations, if applicable	Primary screening excluded articles consisting of duplicates, off-topic works, and original languages other than English