

Table S1 Complete search strategy

| Database | Search terms |
|----------|--|
| PubMed | (funnel chest[MESH] OR funnel chest[tiab] or funnel breast[tiab] OR Ravitch[tiab] OR pectus excav*[tiab] OR hollow chest[tiab] OR nuss[tiab] or MIRPE[tiab] or minimally invasive repair[tiab]) AND (quality of life[MESH] OR QOL[tiab] OR HRQOL[tiab] OR Surveys and Questionnaires[mesh] or quality of life[tiab] or health questionnaire[tiab] or outcomes[tiab] or survey[tiab] or esteem[tiab] or function[tiab]) |
| Cochrane | |
| #1 | MeSH descriptor: [Funnel Chest] explode all trees |
| #2 | ("funnel chest" OR "funnel breast" OR Ravitch OR "pectus excavatum" OR "hollow chest" OR nuss OR MIRPE OR "minimally invasive repair"):ti,ab,kw |
| #3 | MeSH descriptor: [Quality of Life] explode all trees |
| #4 | MeSH descriptor: [Surveys and Questionnaires] explode all trees |
| #5 | (QOL OR HRQOL OR "quality of life" OR "health questionnaire" OR outcomes OR survey OR esteem OR function): ti,ab,kw |
| #6 | (#1 OR #2) AND (#3 OR #4 OR #5) |
| Embase | |
| #1 | funnel chest'/exp |
| #2 | funnel chest':ab,ti OR 'funnel breast':ab,ti OR ravitch:ab,ti OR 'pectus excavatum':ab,ti OR 'hollow chest':ab,ti OR nuss: ab,ti OR mirpe:ab,ti OR 'minimally invasive repair': ab,ti |
| #3 | #1 OR #2 |
| #4 | quality of life'/exp OR 'questionnaire'/exp |
| #5 | qol:ti,ab OR hrqol:ti,ab OR "quality of life":ti,ab OR 'health questionnaire': ti,ab OR outcomes:ti,ab OR survey:ti,ab OR esteem:ti,ab OR function:ti,ab |
| #6 | #4 OR #5 |
| #7 | #3 AND #6 |
| Scopus | ((("funnel chest" OR "funnel breast" OR Ravitch OR "pectus excavatum" OR "hollow chest" OR nuss OR MIRPE OR "minimally invasive repair") AND (QOL OR HRQOL OR "quality of life" OR "health questionnaire" OR outcomes OR survey OR esteem OR function)) |