

Appendix

Appendix 1. Search Strategy

PubMed:

SET A: Pectus excavatum

"Funnel Chest"[Mesh] OR "Funnel Chest"[Text Word] OR "Pectus Excavatum"[Text Word] OR "Funnel Breast"[Text Word] OR "Cobbler's chest"[Text Word] OR "Sunken chest"[Text Word]

n = 3,391

SET B: Surgery

"Thoracic Surgery" [Mesh] OR "Thoracic Surgical Procedures" [Mesh] OR (Repair[Text Word] OR "Pectus Surgery"[Text Word] OR Nuss[Text Word] OR Ravitch[Text Word] OR "Minimally Invasive"[Text Word] OR "Open Surgery"[Text Word] OR Surgery[Text Word] OR "Surgical Intervention"[Text Word])

n = 3,338,415

A + B = 2267

Embase:

Set A

| | |
|---|------|
| 1. 'funnel chest'/exp OR 'funnel chest' | 4682 |
| 2. 'pectus excavatum':ti,ab,kw | 3122 |
| 3. funnel AND breast:ti,ab,kw | 431 |
| 4. #1 OR #2 OR #3 | 5309 |

Set B

| | |
|--|-----------|
| 5. 'Thoracic surgery'/exp OR 'thoracic surgery' OR (thoracic AND ('surgery'/exp OR surgery)) | 931544 |
| 6. Thorax surgery | 43,581 |
| 7. 'pectus surgery':ti,ab,kw | 21 |
| 8. Nuss:ti,ab,kw | 1073 |
| 9. Ravitch:ti,ab,kw | 367 |
| 10. 'surgery'/exp OR surgery:ti,ab,kw | 6,072,446 |
| 11. 'surgical intervention':ti,ab,kw | 87087 |
| 12. 'minimally invasive procedure' OR 'minimally invasive':ti,ab,kw | 128733 |
| 13. 'open repair':ti,ab,kw | 7477 |
| 14. Repair:ti,ab,kw | 481477 |
| 15. #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 | 6,420,331 |

Set A + B

| | |
|----------------|--------------|
| 16. #4 AND #15 | 3,196 |
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Cochrane

"Funnel Chest"[Mesh] OR "Funnel Chest"[Text Word] OR "Pectus Excavatum"[Text Word]

n = 1