|  |  |  |  |
| --- | --- | --- | --- |
| **Appendix S1. Search Strategy** | | | |
| **Source:** PubMed; Searched on: August, 2019; Results: 176 | | | |
| Search | Query | Results | |
| 1 | diskectom\* [tiab] | 672 |
| 2 | discectom\* [tiab] | 6,266 |
| 3 | #1 OR #2 | 6,872 |
| 4 | Annulus [tiab] | 12,479 |
| 5 | Anulus [tiab] | 1,348 |
| 6 | Annular [tiab] | 16,245 |
| 7 | #4 OR #5 OR #6 | 27,624 |
| 8 | Lumbar [tiab] | 10,1933 |
| 9 | #3 AND #7 AND #8 | 176 | |

|  |  |  |
| --- | --- | --- |
| **Source:** Embase; Searched on: August, 2019; Results: 220 | | |
| Search | Query | Results |
| 1 | ' diskectom\*':ab,ti | 727 |
| 2 | ' discectom\*':ab,ti | 7,627 |
| 3 | #1 OR #2 | 8,313 |
| 4 | 'Annulus':ab,ti | 20,248 |
| 5 | 'Anulus':ab,ti | 1,580 |
| 6 | 'Annular':ab,ti | 23,412 |
| 7 | #4 OR #5 OR #6 | 41,055 |
| 8 | ' Lumbar\*':ab,ti | 139,625 |
| 9 | #3 AND #7 AND #8 | 220 |

|  |  |  |
| --- | --- | --- |
| **Source:** Web of Science; Searched on: August, 2019; Results: 211 | | |
| Search | Query | Results |
| 1 | TS= diskectom\* | 3,499 |
| 2 | TS= discectom\* | 5,523 |
| 3 | #1 OR #2 | 7,554 |
| 4 | TS= annulus | 22,294 |
| 5 | TS= anulus | 1,487 |
| 6 | TS= annular | 39,895 |
| 7 | #4 OR #5 OR #6 | 60,697 |
| 8 | TS= lumbar | 92,149 |
| 9 | #3 OR #7 OR #8 | 211 |

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| Searched on: August, 2019; Results: 365 | | |
| Search | Source | Results |
| 1 | CKNI | 167 |
| 2 | WanFang Data | 198 |