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| --- | --- | --- | --- |
| **DB** | **no.**  |  |  |
| **PubMed** | #1 | "Cervical Vertebrae"[Mesh]  | 43,629 |
| #2 | "Vertebrae, Cervical"[TW] OR “Cervical Spine” [TW] OR “Spine, Cervical” [TW]  | 26,039 |
| #3 | "cervical"[TW] | 296,189 |
| #4 | #1 OR #2 OR #3 | 296,871 |
| #5 | "Spinal Cord Compression"[Mesh]  | 11,825 |
| #6 | "Myelopathy, Compressive"[TW] OR "Compressive Myelopathy"[TW] OR "Compression, Spinal Cord"[TW] | 687 |
| #7 | "cervical myelopathy"[TW] OR "cervical spondylotic myelopathy"[TW] OR " cervical cord compression"[TW] | 5,365 |
| #8 | #5 OR #6 OR #7 | 16,143 |
| #9 | #4 AND #8 | 8,458 |
| #10 | "Spinal Fusion"[Mesh]  | 31,031 |
| #11 | "Fusion, Spinal"[TW] OR "Spondylodesis"[TW] OR "Spondylosyndesis"[TW] | 836 |
| #12 | "ACDF"[TW] OR "Anterior cervical discectomy and fusion"[TW] | 3,199 |
| #13 | #10 OR #11 OR #12 | 32,624 |
| #14 | "Total Disc Replacement"[Mesh]  | 863 |
| #15 | “Disc Replacement, Total"[TW] OR “Replacement, Total Disc”[TW] OR “Total Disc Arthroplasty” [TW] OR “Arthroplasty, Total Disc”[TW] OR"Disc Arthroplasty, Total"[TW] OR "Artificial Disc Replacement"[TW] OR "Disc Replacement, Artificial"[TW] OR "Replacement, Artificial Disc"[TW] OR "Arthroplasty, Replacement, Disc"[TW] | 445 |
| #16 | "ADR"[TW] OR "TDR"[TW] OR "disc arthroplasty"[TW] | 16,395 |
| 　 | #17 | #14 OR #15 OR #16 | 16,896 |
| 　 | #18 | #13 AND #17  | 823 |
| 　 | #19 | #9 AND #18  | 54 |
| **DB** | **no.**  |  |  |
| **Embase** | #1 | "cervical vertebra"/exp OR "cervical spine"/exp | 74741 |
|  | #2 |  'C vertebra':ti,ab,kw,de OR 'C vertebrae':ti,ab,kw,de OR 'cervical lower vertebra':ti,ab,kw,de OR 'cervical vertebrae':ti,ab,kw,de OR 'cervical column':ti,ab,kw,de OR 'cervical spinal column':ti,ab,kw,de OR 'cervical spinal segment':ti,ab,kw,de OR 'cervical spine segment':ti,ab,kw,de OR 'cervical vertebral column':ti,ab,kw,de OR 'cervical vertebral region':ti,ab,kw,de OR 'spine, cervical':ti,ab,kw,de OR 'cervical spine':ti,ab,kw,de | 69232 |
|  | #3 | "cervical":ti,ab,kw,de  | 383567 |
|  | #4 | #1 OR #2 OR #3 | 383794 |
|  | #5 |  "cervical myelopathy"/exp  | 6400 |
|  | #6 | "cervical myelopathy":ti,ab,kw,de OR "cervical spondylotic myelopathy":ti,ab,kw,de OR " cervical cord compression":ti,ab,kw,de | 8668 |
|  | #7 | #5 OR #6 | 8668 |
|  | #8 | #4 AND #7 | 8668 |
|  | #9 | "anterior spine fusion"/exp OR "spondylodesis"/exp  | 5405 |
|  | #10 |  'anterior interbody fusion':ti,ab,kw,de OR 'anterior spinal fusion':ti,ab,kw,de OR 'anterior vertebra fusion':ti,ab,kw,de OR 'anterior vertebral fusion':ti,ab,kw,de OR 'cervical spine anterior interbody fusion':ti,ab,kw,de OR 'fusion, anterior vertebral':ti,ab,kw,de OR 'fusion, vertebral, anterior':ti,ab,kw,de OR 'spinal fusion, anterior':ti,ab,kw,de OR 'spine anterior fusion':ti,ab,kw,de OR 'spine anterior interbody fusion':ti,ab,kw,de OR 'vertebral fusion, anterior':ti,ab,kw,de OR 'anterior spine fusion':ti,ab,kw,de | 4372 |
|  | #11 | "ACDF":ti,ab,kw,de OR "Anterior cervical discectomy and fusion":ti,ab,kw,de  | 4416 |
|  | #12 | #9 OR #10 OR #11 | 9360 |
|  | #13 | cervical disk prosthesis'/exp | 163 |
|  | #14 | cervical disc prosthesis':ti,ab,kw,de OR 'cervical total disc replacement prosthesis':ti,ab,kw,de OR 'cervical total disk replacement prosthesis':ti,ab,kw,de OR 'cervical disk prosthesis':ti,ab,kw,de | 356 |
|  | #15 | "ADR":ti,ab,kw,de OR "TDR":ti,ab,kw,de OR "disc arthroplasty":ti,ab,kw,de  | 25829 |
|  | #16 | #13 OR #14 OR #15 | 26025 |
|  | #17 | #12 AND #16 | 750 |
|  | #18 | #8 AND #17 | 74 |
| **DB** | **no.**  |  |  |
| **Cochrane Library** | #1 | MeSH descriptor: [Cervical Vertebrae] explode all trees | 1,234  |
| #2 | "Vertebrae, Cervical"[TW] OR “Cervical Spine” [TW] OR “Spine, Cervical” [TW]  | 2,529  |
| #3 | "cervical"[TW] | 25,211  |
| #4 | #1 OR #2 OR #3 | 25,218  |
| #5 | MeSH descriptor: [Spinal Cord Compression] explode all trees | 183  |
| #6 | "Myelopathy, Compressive"[TW] OR "Compressive Myelopathy"[TW] OR "Compression, Spinal Cord"[TW] | 54  |
| #7 | "cervical myelopathy"[TW] OR "cervical spondylotic myelopathy"[TW] OR " cervical cord compression"[TW] | 320  |
| #8 | #5 OR #6 OR #7 | 506  |
| #9 | #4 AND #8 | 359  |
| #10 | MeSH descriptor: [Spinal Fusion] explode all trees | 1,339  |
| #11 | "Fusion, Spinal"[TW] OR "Spondylodesis"[TW] OR "Spondylosyndesis"[TW] | 182  |
| #12 | "ACDF"[TW] OR "Anterior cervical discectomy and fusion"[TW] | 589  |
| #13 | #10 OR #11 OR #12 | 1,796  |
| #14 | MeSH descriptor: [Total Disc Replacement] explode all trees | 99  |
| #15 | “Disc Replacement, Total"[TW] OR “Replacement, Total Disc”[TW] OR “Total Disc Arthroplasty” [TW] OR “Arthroplasty, Total Disc”[TW] OR"Disc Arthroplasty, Total"[TW] OR "Artificial Disc Replacement"[TW] OR "Disc Replacement, Artificial"[TW] OR "Replacement, Artificial Disc"[TW] OR "Arthroplasty, Replacement, Disc"[TW] | 453  |
| #16 | "ADR"[TW] OR "TDR"[TW] OR "disc arthroplasty"[TW] | 1,825  |
| #17 | #14 OR #15 OR #16 | 1,933  |
| #18 | #13 AND #17 | 295  |
| #19 | #9 AND #18 | 9  |
| **DB** | **no.**  |  |  |
| **KMBASE** | #1 | (cervical myelopathy OR cervical cord compression OR cervical spondylotic myelopathy) AND (ACDF, Anterior cervical discectomy OR fusion) AND (total disc replacement OR artificial disc replacement OR arthroplasty)  | 2  |
|  |  |  |  |