**Article title**

Ultrasound-guided corticosteroid injection for patients with carpal tunnel syndrome: a systematic review and meta-analysis of randomized controlled trials

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**Appendix**

Keywords for search of different electronic databases

|  |  |
| --- | --- |
| Data base | Search terms for query |
| PubMed |  |
| #1 | “steroid” OR “steroids” OR” corticosteroid” OR “corticosteroids” OR “Betamethasone” OR “triamcinolone acetonide” OR “methylprednisolone” |
| #2 | “Carpal tunnel” OR “median nerve” OR “median neuropathy” OR “median neuropathies” OR “median neuritis” OR “CTS” OR “carpal tunnel syndrome [MeSH]” |
| #3 | “entrapment” OR “compress” OR “compressive” OR “focal”  |
| #4 | “neuropathy” OR “neuropathies” OR “neuritis” |
| #5 | #3 AND #4 |
| #6 | #2 OR #5 |
| #7 | #1 AND #6 |
| #8 | #7 AND “randomized controlled trial” |

|  |  |
| --- | --- |
| Data base | Search terms for query |
| Excerpta Medica dataBASE (EMBASE) |  |
| #1 | “steroid” OR “steroids” OR” corticosteroid” OR “corticosteroids” OR “Betamethasone” OR “triamcinolone acetonide” OR “methylprednisolone” |
| #2 | “Carpal tunnel” OR “median nerve” OR “median neuropathy” OR “median neuropathies” OR “median neuritis” OR “CTS” OR “carpal tunnel syndrome [MeSH]” |
| #3 | “entrapment” OR “compress” OR “compressive” OR “focal”  |
| #4 | “neuropathy” OR “neuropathies” OR “neuritis” |
| #5 | #3 AND #4 |
| #6 | #2 OR #5 |
| #7 | #1 AND #6 |
| #8 | #7 AND “randomized controlled trial” |

|  |  |
| --- | --- |
| Data base | Search terms for query |
| Cochrane library |  |
| #1 | “steroid” OR “steroids” OR” corticosteroid” OR “corticosteroids” OR “Betamethasone” OR “triamcinolone acetonide” OR “methylprednisolone” |
| #2 | “Carpal tunnel” OR “median nerve” OR “median neuropathy” OR “median neuropathies” OR “median neuritis” OR “CTS” OR “carpal tunnel syndrome” |
| #3 | “entrapment” OR “compress” OR “compressive” OR “focal”  |
| #4 | “neuropathy” OR “neuropathies” OR “neuritis” |
| #5 | #3 AND #4 |
| #6 | #2 OR #5 |
| #7 | #1 AND #6 |
| #8 | #7 AND “randomized controlled trial” |