**Additional file 1:** Search Strategy

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| **#** | **Searches** |
| 1 | Aviation Medicine/ |
| 2 | Hospitals, Military/ |
| 3 | Military Facilities/ |
| 4 | Military Medicine/ |
| 5 | Military Personnel/ |
| 6 | United States Department of Defense/ |
| 7 | Warfare/ |
| 8 | (active adj duty).ab,kf,ti. |
| 9 | (active adj service).ab,kf,ti. |
| 10 | (air adj force\*).ab,kf,ti. |
| 11 | (American adj2 force\*).ab,kf,ti. |
| 12 | (armed adj force\*).ab,kf,ti. |
| 13 | (army or armies).ab,kf,ti. |
| 14 | "battalion\*".ab,kf,ti. |
| 15 | (Canadian adj2 force\*).ab,kf,ti. |
| 16 | (coast adj guard\*).ab,kf,ti. |
| 17 | "conscript\*".ab,kf,ti. |
| 18 | "defence force\*".ab,kf,ti. |
| 19 | (Defence adj Department\*).ab,kf,ti. |
| 20 | (Defense adj Department\*).ab,kf,ti. |
| 21 | "defense medical service\*".ab,kf,ti. |
| 22 | "defense health agenc\*".ab,kf,ti. |
| 23 | (Department adj Defense).ab,kf,ti. |
| 24 | (Department adj Defence).ab,kf,ti. |
| 25 | (force\* adj2 (defence or defense)).ab,kf,ti. |
| 26 | (marine adj2 corps).ab,kf,ti. |
| 27 | marines.ab,kf,ti. |
| 28 | (militar\* adj5 (healthcare or health) adj (care or installation\* or medicine or personnel or population\* or service or facilit\*)).ab,kf,ti. |
| 29 | (national adj guard).ab,kf,ti. |
| 30 | ((navy or navies or naval) adj5 (healthcare or health) adj (care or installation\* or medicine or personnel or population\* or service or facilit\*)).ab,kf,ti. |
| 31 | "reservist\*".ab,kf,ti. |
| 32 | "sailor\*".ab,kf,ti. |
| 33 | "soldier\*".ab,kf,ti. |
| 34 | "submariner\*".ab,kf,ti. |
| 35 | or/1-34 [\*\*military] |
| 36 | Chiropractic/ |
| 37 | Complementary Therapies/ |
| 38 | Manipulation, Chiropractic/ |
| 39 | Manipulation, Spinal/ |
| 40 | Musculoskeletal Manipulations/ |
| 41 | "chiropract\*".ab,kf,ti. |
| 42 | (alternative adj2 (care or health or medicine\* or practitioner\*)).ab,kf,ti. |
| 43 | (complementary adj2 (care or health or medicine\* or practitioner\* or therap\*)).ab,kf,ti. |
| 44 | (manipulat\* adj3 (cervical or lumbar or musculoskeletal or spinal or spine or thoracic)).ab,kf,ti. |
| 45 | (non-conventional adj2 (health or practitioner\* or therap\* or medicine\*)).ab,kf,ti. |
| 46 | (secondary adj2 (care or health or medicine\* or practitioner\* or therap\*)).ab,kf,ti. |
| 47 | (unconventional adj2 (health or practitioner\* or therap\* or medicine\*)).ab,kf,ti. |
| 48 | or/36-47 [\*\*chiropractic] |
| 49 | 35 and 48 |
| 50 | limit 49 to english language |