Australian Government
Repatriation Medical Authority

THORACOLUMBAR SPONDYLOSIS

RMA ID Number	Reference List for RMA475-3 as at October 2026

24344	Abbrecht PH (2001). The relationship between intervertebral disc degeneration and disc prolapse. Adams and Hutton revisited. Spine (Phila Pa 1976), 26(21): 2400-3.
71019	Adams MA, Dolan P (2012). Intervertebral disc degeneration: evidence for two distinct phenotypes. J Anat, 221(6): 497-506.
23224	Adams MA, Freeman BJ, Morrison HP, et al (2000). Mechanical initiation of intervertebral disc degeneration. Spine (Phila Pa 1976), 25(13): 1625-36.
54817	Advisory Group for Aerospace Research and Development (AGARD) (1994). The musculoskeletal and vestibular effects of long term repeated exposure to sustained high-G. AGARD Advisory Report 317: 15-7.
54816	Advisory Group for Aerospace Research and Development (AGARD) (1994). The musculoskeletal and vestibular effects of long term repeated exposure to sustained high-G. AGARD Advisory Report 317: 4.
11497	Advisory Group for Aerospace Research & Development (1982). Physiopathology and pathology of spinal injuries. Aerospace Medicine, 2nd Edition, 1-12, 15-26. Open Library.
21786	Agency for Toxic Substances and Disease Registry (ATSDR) (1999). Toxicological profile for ionizing radiation. US Department of Health and Human Services, Public Health Service, Atlanta, GA.
13078	Albright JP, Moses JM, Feldick HG, et al (1976). Nonfatal cervical spine injuries in interscholastic football. JAMA, 236(11): 1243-5.
80258	Al-Bustany DA, Aziz ZA (2009). Cervical spondylosis among group of computer users in Erbil City. Zanco J Med Sci, 13(2): 28-36.
10408	Allan DB, Waddell G (1989). An historical perspective on low back pain and disability. Acta Orthop Scand Suppl, 234: 1-23.
71078	Al-Shatoury HA (2012). Cervical spondylosis. Retrieved 6 March 2014, from http://emedicine.medscape.com/article/306036-overview
68275	Altman RD (2012). Seronegative Spondyloarthropathies (Seronegative Spondyloarthritides). Retrieved 13 June 2013, from http://www.merckmanuals.com/professional/musculoskeletal_and_connective_tissue_disorders/joint_disorders/seronegative_spondyloarthropathies.html#v906043
109991	American Academy of Neurology (2019). Rugby-style tackling may have lower force of impact than football-style tackling. Retrieved 4 November 2021, from https://www.sciencedaily.com/releases/2019/07/190716174114.htm
108145	American Academy of Orthopaedic Surgeons (AAOS) (2021). Cervical spondylosis (arthritis of the neck). Retrieved 29 July 2022, from https://orthoinfo.aaos.org/en/diseases--conditions/cervical-spondylosis-arthritis-of-the-neck/

53688	Amin S, Niu J, Guermazi A, et al (2007). Cigarette smoking and the risk for cartilage loss and knee pain in men with knee osteoarthritis. Ann Rheum Dis, 66(1): 18-22.
1269	Anderson JJ, Felson DT (1988). Factors associated with osteoarthritis of the knee in the first national Health and Nutrition Examination Survey (HANES I). Evidence for an association with overweight, race, and physical demands of work. Am J Epidemiol, 128(1): 179-89.
10426	Anderson PC, Phillips M (1997). The musculoskeletal sequelae of participation in the Vietnam War. Med J Aust, 167(2): 112.
48177	Ang B, Harms-Ringdahl K (2006). Neck pain and related disability in helicopter pilots: A survey of prevalence and risk factors. Aviat Space Environ Med, 77(7): 713-9.
36996	Anon (2005). Duke University Medical Center's Division of Orthopaedic Surgery in conjunction with Data Trace Internet Publishing Company. Retrieved 21 June 2005, from http://www.wheelessonline.com/ortho/scheuermanns_kyphosis
85631	Anon (2013). Manual handling - Frequently asked questions. Retrieved 1 March 2018, from http://sydney.edu.au/whs/guidelines/manual_handling/faq.shtml
54591	Anon (2001). Review of methods for evaluating human exposure to whole - body vibration. Retrieved 27 October 2009, from http://www.humanvibration.com/EU/VINET/pdf_files/Appendix_W4A.pdf
54589	Anon (2005). Controlling vibration risks. Retrieved 27 October 2009, from http://www.hse.gov.uk/vibration/wbv/risks.htm#employees
54585	Anon (2005). Statutory Instrument 2005 No. 1093. The control of vibration at work regulations 2005. Retrieved 27 October 2009, from http://www.opsi.gov.uk/si/si2005/20051093.htm
54588	Anon (2005). The control of vibration at work regulations 2005. Retrieved 27 October 2009, from http://www.hse.gov.uk/vibration/wbv/risks.htm
12974	Anstadt GW (1991). Intervertebral disc degeneration. J Occup Med, 33(5): 582, 584.
12185	Anton DJ (1990). Neck injury in advanced military aircraft environments. NATO Advisory Group for Aerospace Research and Development (AGARD) Conference Proceedings No 471, K1-7.
109182	Applebaum A, Nessim A, Cho W (2021). Overview and spinal implications of leg length discrepancy: narrative review. Clin Orthop Surg, 13(2): 127-34.
12257	Armstrong JR (1967). Lumbar Disc Lesions. Pathogenesis & Treatment of Low Back Pain & Sciatica, 48-131, 159-161. E & S Livingstone, Edinburgh.
5515	Aro S, Leino P (1985). Overweight and musculoskeletal morbidity: a ten-year follow-up. Int J Obes, 9(4): 267-75.
70945	Attwells RL, Birrell SA, Hooper RH, et al (2006). Influence of carrying heavy loads on soldiers' posture, movements and gait. Ergonomics, 49(14): 1527-37.
34151	Axelsson P, Karlsson BS (2004). Intervertebral mobility in the progressive degenerative process. A radiostereometric analysis. Eur Spine J, 13(6): 567-72.
71429	Aydog ST, Turbedar E, Demirel AH, et al (2004). Cervical and lumbar spinal changes diagnosed in four-view radiographs of 732 military pilots. Aviat Space Environ Med, 75(2): 154-7.
61327	Badve SA, Bhojraj S, Nene A, et al (2010). Occipito-atlanto-axial osteoarthritis. A cross sectional clinico-radiological prevalence study in high risk and general population. Spine (Phila Pa 1976), 35(4): 434-8.
85923	Bailey JF, Sparrey CJ, Been E, et al (2016). Morphological and postural sexual dimorphism of the lumbar spine facilitates greater lordosis in females. J Anat, 229(1): 82-91.

33237	Bar-Dayan Y, Weisbort M, Bar-Dayan Y, et al (2003). Degenerative disease in lumbar spine of military parachuting instructors. J R Army Med Corps, 149(4): 260-4.
23348	Barozzi L, Olivieri I, De matteis M, et al (1998). Seronegative spondylarthropathies: imaging of spondylitis, enthesitis and dactylitis. Eur J Radiol, 27(Supp 1): S12-7.
109979	Barrett JM, Healey LA, Fischer SL, et al (2022). Cervical spine motion requirements from night vision goggles may play a greater role in chronic neck pain than helmet mass properties. Hum Factors, 187208221090689.
109971	Barrett JM, McKinnon CD, Dickerson CR, et al (2022). Posture and helmet configuration effects on joint reaction loads in the middle cervical spine. Aerosp Med Hum Perform, 93(5): 458-66.
23194	Bashir K, Cai CY, Moore TA 2nd, et al (2000). Surgery for cervical spinal cord compression in patients with multiple sclerosis. Neurosurgery, 47(3): discussion 642-3.
23491	Battie MC, Videman T, Gibbons LE, et al (1995). Determinants of lumbar disc degeneration. A study relating lifetime exposures and magnetic resonance imaging findings in identical twins. Spine (Phila Pa 1976), 20(24): 2601-12.
49824	Battie MC, Videman T, Parent E (2004). Lumbar disc degeneration. Epidemiology and genetic influences. Spine (Phila Pa 1976), 29(23): 2679-90.
52587	Battie MC, Videman T, Kaprio J, et al (2009). The Twin Spine Study: contributions to a changing view of disc degeneration. Spine J, 9(1): 47-59.
7987	Battie MC, Videman T, Gill K, et al (1991). 1991 Volvo Award in clinical sciences. Smoking and lumbar intervertebral disc degeneration: an MRI study of identical twins. Spine (Phila Pa 1976), 16(9): 1015-21.
85632	Beckett D (????). What is the maximum weight limit I can lift at work? Retrieved 1 March 2018, from http://www.beckettandco.co.uk/manual-handling-faq-weight/
23335	Belanger T, Rowe DE (2001). Diffuse idiopathic skeletal hyperostosis: musculoskeletal manifestations. J Am Acad Orthop Surg, 9(4): 258-67.
109183	Bell R (2020). Safety check: Guarding against hard openings. Retrieved 9 November 2022, from https://parachutist.com/Article/category/safety-check
9447	Berg SW, Richlin M (1977). Injuries and illnesses of Vietnam War POWs. I. Navy POWs. Mil Med, 142(7): 514-8.
23370	Berge J, Marque B, Vital JM, et al (1999). Age-related changes in the cervical spines of front-line rugby players. Am J Sports Med, 27(4): 422-9.
85510	Bergmann A, Bolm-Aurodorff U, Ditchen D, et al (2017). Do occupational risks for low back pain differ from risks for specific lumbar disc disease? Results of the German lumbar spine study (EPILIFT). Spine (Phila Pa 1976), 42(20): E1204-11.
49830	Bernard BP (Ed) (1997). A critical review of epidemiologic evidence for work-related musculoskeletal disorders of the neck, upper extremity and low back. Low-back musculoskeletal disorders: evidence for work-relatedness. Chapter 6. Retrieved 29 September 2008, from http://www.cdc.gov.niosh/docs/97-141/ergotxt6.htm1#bending
71569	Bernard TE, Wilder FV, Aluoch M, et al (2010). Job-related osteoarthritis of the knee, foot, hand, and cervical spine. J Occup Environ Med, 52(1): 33-8.
23487	Biering-Sorensen F, Hansen FR, Schroll M, et al (1985). The relation of spinal x-ray to low-back pain and physical activity among 60-year-old men and women. Spine (Phila Pa 1976), 10(5): 445-51.
29788	Billenkamp G (1972). [Physical stress and spondylosis deformans]. Fortschr Geb Rontgenstr Nuklearmed, 116(2): 211-6.

12231	Bindi P, Lavaud S, Bernieh B, et al (1990). Early and late occurrence of destructive spondyloarthropathy in haemodialysed patients. Nephrol Dial Transplant, 5(3): 199-203.
13090	Bjelle A, Allander E (1981). Regional distribution of rheumatic complaints in Sweden. Scand J Rheumatol, 10(1): 9-15.
13089	Bjelle A, Allander E, Lundquist B (1981). Geographic distribution of rheumatic disorders and working conditions in Sweden. Scand J Soc Med, 9: 119-26.
70944	Blagojevic M, Jinks C, Jeffery A, et al (2010). Risk factors for onset of osteoarthritis of the knee in older adults: a systematic review and meta-analysis. Osteoarthritis Cartilage, 18(1): 24-33.
8144	Bongers PM, Boshuizen HC, Hulshof CT, et al (1988). Back disorders in crane operators exposed to whole-body vibration. Int Arch Occup Environ Health, 60(2): 129-37.
49918	Bongers PM, Hulshof CT, Dijkstra L, et al (1990). Back pain and exposure to whole body vibration in helicopter pilots. Ergonomics, 33(8): 1007-25.
23216	Boos N, Semmer N, Elfering A, et al (2000). Natural history of individuals with asymptomatic disc abnormalities in magnetic resonance imaging: predictors of low back pain-related medical consultation and work incapacity. Spine (Phila Pa 1976), 25(12): 1484-92.
55066	Borrillo DJ (1999). [Comment] Back pain in helicopter pilots. Aviat Space Environ Med, 70(5): 533-4. Comment on ID: 55062.
8112	Boshuizen HC, Hulshof CT, Bongers PM (1990). Long-term sick leave and disability pensioning due to back disorders of tractor drivers exposed to whole-body vibration. Int Arch Occup Environ Health, 62(2): 117-22.
24574	Bovenzi M, Betta A (1994). Low-back disorders in agricultural tractor drivers exposed to whole-body vibration and postural stress. Appl Ergon, 25(4): 231-41.
70096	Boviatsis EJ, Stavrinou LC, Kouyialis AT, et al (2008). Spinal synovial cysts: pathogenesis, diagnosis and surgical treatment in a series of seven cases and literature review. Eur Spine J, 17(6): 831-7.
13151	Bowden T (1987). Back pain in helicopter aircrew: a literature review. Aviat Space Environ Med, 58(5): 461-7.
34677	Brandt KD (2001). Osteoarthritis. Harrison's Principles of Internal Medicine, 2(15): 1987-94.
12910	Braunstein EM, Hunter LY, Bailey RW (1980). Long term radiographic changes following anterior cervical fusion. Clin Radiol, 31(2): 201-3.
23494	Brickmann P, Frobin W, Biggemann M, et al (1998). Quantification of overload injuries to thoracolumbar vertebrae and discs in persons exposed to heavy physical exertions or vibration at the workplace. Part 11 Occurrence and magnitude of overload injury in exposed cohorts. Clin Biomech (Bristol, Avon), 13(Suppl 2): S1-36.
37729	Bridger RS, Groom MR, Jones H, et al (2002). Task and postural factors are related to back pain in helicopter pilots. Aviat Space Environ Med, 73(8): 805-11.
12195	Brown JR (1973). Lifting as an industrial hazard. Am Ind Hyg Assoc J, 34(7): 292-97.
71357	Brunarski DJ (1979). The pathomechanical effects of torsional components acting through the lower extremity. J Can Chiropr Assoc, 23(4): 139-42.
70441	Buckwalter JA (2012). The role of mechanical forces in the initiation and progression of osteoarthritis. HSS J, 8(1): 37-8.
23647	Burger H, van Daele PL, Odding E, et al (1996). Association of radiographically evident osteoarthritis with higher bone mineral density and increased bone loss with age. The Rotterdam Study. Arthritis Rheum, 39(1): 81-6.

23623	Burns JW, Loecker TH, Fischer JR, et al (1996). Prevalence and significance of spinal disc abnormalities in an asymptomatic acceleration subject panel. Aviat Space Environ Med, 67(9): 849-53.
137306	Butowicz CM, Helgeson MD, Pisano AJ, et al (2023). Lumbar degenerative disease and muscle morphology before and after lower limb loss in four military patients. Mil Med, 188(11-12): e3349-55.
70442	Byeon JH, Kim JW, Jeong HJ, et al (2013). Degenerative changes of spine in helicopter pilots. Ann Rehabil Med, 37(5): 706-12.
23191	Cammisa M, De Serio A, Guglielmi G (1998). Diffuse idiopathic skeletal hyperostosis. Eur J Radiol, 27: S7-11.
54580	Canadian Centre for Occupational Health and Safety (2008). Vibration - introduction. Retrieved 27 October 2009, from http://www.ccohs.ca/oshanswers/phys_agents/vibration/vibration_intro.html
54581	Canadian Centre for Occupational Health and Safety (2008). Vibration - measurement, control and standards. Retrieved 27 October 2009, from http://www.ccohs.ca/oshanswers/phys_agents/vibration/vibration_measure.html
54579	Canadian Centre for Occupational Health and Safety (2008). Vibration - health effects. Retrieved 27 October 2009, from http://www.ccohs.ca/oshanswers/phys_agents/vibration/vibration_effects.html
5532	Caplan PS, Freedman LM, Connelly TP (1966). Degenerative joint disease of the lumbar spine in coal miners--a clinical and x-ray study. Arthritis Rheum, 9(5): 693-702.
13411	Centers for Disease Control and Prevention (CDC) (1997). Musculoskeletal Disorders and Workplace Factors: A Critical Review of Epidemiologic Evidence for Work-Related Musculoskeletal Disorders of the Neck, Upper Extremity, and Low Back, Second Printing. US Department of Health & Human Services.
1927	Centres for Disease Control (CDC) (1989). Telephone interview. Health Status of Vietnam Veterans, Vol II. US Dept of Health and Human Services, Atlanta.
109980	Cevik S, Kaplan A, Katar S (2020). Correlation of cervical spinal degeneration with rise in smartphone usage time in young adults. Niger J Clin Pract, 23(12): 1748-52.
109184	Chang DG, Park JB, Jung HY, et al (2020). Cervical myelopathy due to subaxial calcium pyrophosphate dihydrate (CPPD) deposition with simultaneous asymptomatic crowned dens syndrome: two case reports. BMC Musculoskelet Disord, 21(1): 713.
109161	Chang H, Gao X, Li X, et al (2022). Anemia was associated with multilevel lumbar disc degeneration in patients with low back pain: a single-center retrospective study. Eur Spine J, 31(7): 1897-905.
71267	Cheng KK, Berven SH, Hu SS, et al (2014). Intervertebral discs from spinal nondeformity and deformity patients have different mechanical and matrix properties. Spine J, 14(3): 522-30.
70443	Cheung WY, Luk KD (2012). Pyogenic spondylitis. Int Orthop, 36(2): 397-404.
23207	Chiles BW 3rd, Leonard MA, Choudhri HF, et al (1999). Cervical spondylotic myelopathy: patterns of neurological deficit and recovery after anterior cervical decompression. Neurosurgery, 44(4): 762-9; discussion 769-70.
109185	Choi W, Song S, Chae S, et al (2017). Comparison of the extent of degeneration among the normal disc, immobilized disc, and immobilized disc with an endplate fracture. Clin Orthop Surg, 9(2): 193-9.
70444	Choo V (2002). WHO reassesses appropriate body-mass index for Asian populations. Lancet, 360(9328): 235.

109981	Chu EC (2022). Preventing the progression of text neck in a young man: A case report. Radiol Case Rep, 17(3): 978-82.
109187	Chu EC, Lo FS, Bhaumik A (2020). Plausible impact of forward head posture on upper cervical spine stability. J Family Med Prim Care, 9(5): 2517-20.
70445	Chung HY, Machado P, van der Heijde D, et al (2012). Smokers in early axial spondyloarthritis have earlier disease onset, more disease activity, inflammation and damage, and poorer function and health-related quality of life: results from the DESIR cohort. Ann Rheum Dis, 71(6): 809-16.
23342	Coaccioli S, Fatati G, Di Cato L, et al (2000). Diffuse idiopathic skeletal hyperostosis in diabetes mellitus, impaired glucose tolerance and obesity. Panminerva Med, 42(4): 247-51.
71430	Coakwell MR, Bloswick DS, Moser R Jr (2004). High-risk head and neck movements at high G and interventions to reduce associated neck injury. Aviat Space Environ Med, 75(1): 68-80.
20453	Coggan D, Kellingray S, Inskip H, et al (1998). Osteoarthritis of the hip and occupational lifting. Am J Epidemiol, 147(6): 523-8.
20585	Coggon D, Croft P, Kellingray S, et al (2000). Occupational physical activities and osteoarthritis of the knee. Arthritis Rheum, 43(7): 1443-9.
64004	Cohen SP, Gallagher RM, Davis SA, et al (2011). Spine-area pain in military personnel: a review of epidemiology, etiology, diagnosis, and treatment. Spine J, 12(9): 833-42.
49802	Colak S, Jovelic S, Manojlovic J (1992). [Back ache in helicopter pilots]. Vojnosanit Pregl, 49(6): 529-32 [Article in Serbian]. [Abstract]
51392	Colao A, Pivonello R, Scarpa R, et al (2005). The acromegalic arthropathy. J Endocrinol Invest, 28(Suppl 8): 24-31.
49840	Collier C, Bernstein S, Olins E, et al (2007). Backache and osteoarthritis of the spine. ICD9 724.2 / 721.90. AR 40-501: 2-29b, 4-25a. Retrieved 29 September 2008, from https://aamaweb.usaama.rucker.amedd.army.mil/AAMAWeb/policy1trs/Orthopedics_FINAL.pdf
109189	Collinet A, Charles YP, Ntilikina Y, et al (2020). Analysis of intervertebral discs adjacent to thoracolumbar A3 fractures treated by percutaneous instrumentation and kyphoplasty. Orthop Traumatol Surg Res, 106(6): 1221-6.
13793	Commonwealth Department of Veterans' Affairs (1998). Male Vietnam Veterans Survey and Community Comparison Outcomes. Morbidity of Vietnam Veterans: A Study of the Health of Australia's Vietnam Veteran Community, Volume 1.
13249	Congeni J, McCulloch J, Swanson K (1997). Lumbar spondylolysis. A study of natural progression in athletes. Am J Sports Med, 25(2): 248-53.
85921	Cornell University Ergonomics Web (????). Biomechanics of safe lifting. Retrieved 20 March 2018, from http://ergo.human.cornell.edu/dea3250flipbook/dea3250notes/lifting.html
109186	Coskun H, Turan A, Kaplanoglu H, et al (2022). Frequency of hypoplasia of the vertebral body at L5, and its relationship with degeneration in patients with low back pain. Turk Neurosurg, 32(4): 641-8.
24345	Cowling JM (2001). Cervical spondylosis. Retrieved 28 May 2002, from http://www.medhelp.org/perl6/FamilyPractice/messages/38a.html
109188	Crouch J (2003). Whack! You're open! February 2003. Retrieved 9 November 2022, from http://www.parachute.ch/Bilder/Parachutist%20Article%20on%20Preventing%20Hard%20Openings.htm
109190	Crouch J (2021). Hard openings and how to avoid them. Retrieved 9 November 2022, from https://uspa.org/USPAinAction/hard-openings-and-how-to-avoid-them

109178	Cuellar JM, Stauff MP, Herzog RJ, et al (2016). Does provocative discography cause clinically important injury to the lumbar intervertebral disc? A 10-year matched cohort study. Spine J, 16(3): 273-80.
23447	Cvijetic S, McCloskey E, Korsic M (2000). Vertebral osteophytosis and vertebral deformities in an elderly population sample. Wien Klin Wochenschr, 112(9): 407-12.
23341	Danesh FR, Klinkmann J, Yokoo H, et al (1999). Fatal cervical spondyloarthropathy in a hemodialysis patient with systemic deposition of beta2-microglobulin amyloid. Am J Kidney Dis, 33(3): 563-6.
109191	Dave BR, Krishnan A, Rai RR, et al (2021). The effect of head loading on cervical spine in manual laborers. Asian Spine J, 15(1): 17-22.
48598	De Oliveira CG, Nadal J (2005). Transmissibility of helicopter vibration in the spines of pilots in flight. Aviat Space Environ Med, 76(6): 576-80.
48599	De Oliveira CG, Nadal J (2004). Back muscle EMG of helicopter pilots in flight: effects of fatigue, vibration, and posture. Aviat Space Environ Med, 75(4): 317-22.
49827	de Oliveira CG, Simpson DM, Nadal J (2001). Lumbar back muscle activity of helicopter pilots and whole-body vibration. J Biomech, 34(10): 1309-15. [Abstract]
109176	Del Grande M, Del Grande F, Carrino J, et al (2014). Cervical spine involvement early in the course of rheumatoid arthritis. Semin Arthritis Rheum, 43(6): 738-44.
70884	Dell'Atti C, Cassar-Pullicino VN, Lalam RK, et al (2007). The spine in Paget's disease. Skeletal Radiol, 36(7): 609-26.
70097	Deng XL, Liu XY, Xu N (2009). Comparative study on low back pain misdiagnosed as spondyloarthropathy. Clin Rheumatol, 28(8): 893-8.
70098	Denoble AE, Huffman KM, Stabler TV, et al (2011). Uric acid is a danger signal of increasing risk for osteoarthritis through inflammasome activation. Proc Natl Acad Sci U S A, 108(5): 2088-93.
109192	Devkota H, Khadka NK, Rokaya PK, et al (2021). Spectrum of diseases among neurosurgical patients in a tertiary care hospital of Nepal: a descriptive cross-sectional study. JNMA J Nepal Med Assoc, 59(234): 176-9.
24515	di Girolamo C, Pappone N, Rengo C, et al (2001). Intervertebral disc lesions in diffuse idiopathic skeletal hyperostosis (DISH). Clin Exp Rheumatol, 19(3): 310-2.
84839	Di Matteo A, Satulu I, Di Carlo M, et al (2017). Entheseal involvement in systemic lupus erythematosus: are we missing something? Lupus, 26(3): 320-8.
12245	Donisch EW, Basmajian JV (1972). Electromyography of deep back muscles in man. Am J Anat, 133(1): 25-36.
108134	Dorland's Medical Dictionary Online (2022). Scheuermann kyphosis. Retrieved 26 July 2022, from https://www.dorlandsonline.com/dorland/definition?id=84061&searchterm=Scheuermann+kyphosis
108132	Dorland's Medical Dictionary Online (2022). Spinal stenosis. Retrieved 26 July 2022, from https://www.dorlandsonline.com/dorland/definition?id=108389&searchterm=spinal+stenosis
108131	Dorland's Medical Dictionary Online (2022). Lumbar spondylosis. Retrieved 26 July 2022, from https://www.dorlandsonline.com/dorland/definition?id=107847&searchterm=lumbar+spondylosis
108130	Dorland's Medical Dictionary Online (2022). Osteoarthritis. Retrieved 26 July 2022, from https://www.dorlandsonline.com/dorland/definition?id=35780&searchterm=osteoarthritis

108129	Dorland's Medical Dictionary Online (2022). Spondylosis. Retrieved 26 July 2022, from https://www.dorlandsonline.com/dorland/definition?id=46749&searchterm=spondylosis
108128	Dorland's Medical Dictionary Online (2022). Hyperostosis. Retrieved 26 July 2022, from https://www.dorlandsonline.com/dorland/definition?id=23927&searchterm=hyperostosis
108127	Dorland's Medical Dictionary Online (2022). Diffuse idiopathic skeletal hyperostosis. Retrieved 26 July 2022, from https://www.dorlandsonline.com/dorland/definition?id=81477&searchterm=diffuse+idiopathic+skeletal+hyperostosis
108126	Dorland's Medical Dictionary Online (2022). Facet osteoarthritis. Retrieved 26 July 2022, from https://www.dorlandsonline.com/dorland/definition?id=95258&searchterm=facet+osteoarthritis
108125	Dorland's Medical Dictionary Online (2022). Cervical spondylosis. Retrieved 26 July 2022, from https://www.dorlandsonline.com/dorland/definition?id=107846&searchterm=cervical+spondylosis
108124	Dorland's Medical Dictionary Online (2022). Ankylosis. Retrieved 26 July 2022, from https://www.dorlandsonline.com/dorland/definition?id=2997
70446	Dougados M, d'Agostino MA, Benessiano J, et al (2011). The DESIR cohort: a 10-year follow-up of early inflammatory back pain in France: study design and baseline characteristics of the 708 recruited patients. Joint Bone Spine, 78(6): 598-603.
48451	Drew WE (2000). Spinal symptoms in aviators and their relationship to G-exposure and aircraft seating angle. Aviat Space Environ Med, 71(1): 22-30.
35447	Echarri JJ, Forriol F (2005). Influence of the type of load on the cervical spine: a study on Congolese bearers. Spine J, 5(3): 291-6.
23645	Egger P, Frith S, Duggleby S, et al (1995). Obesity, occupational activity and osteoarthritis of the spine. Br J Rheumatol, 34: S35.
84840	Egol KA, Jazrawi LM, DeWal H, et al (2001). Orthopaedic manifestations of systemic lupus erythematosus. Bull Hosp Jt Dis, 60(1): 29-34.
23338	El Miedany YM, Wassif G, El Baddin M (2000). Diffuse idiopathic skeletal hyperostosis (DISH): is it of vascular aetiology? Clin Exp Rheumatol, 18(2): 193-200.
109194	Elgafy H, Liu X, Herron J (2016). Spinal gout: A review with case illustration. World J Orthop, 7(11): 766-75.
13128	Ende LS, Wickstrom J (1982). Ballet injuries. Phys Sportsmed, 10(7): 100-18.
108143	Engstrom JW (2018). Back and neck pain. Harrison's Principles of Internal Medicine, 20th Edition, Chapter 14. McGraw Hill.
70131	Engstrom JW, Deyo RA (2012). Back and Neck Pain. Harrison's Principles of Internal Medicine, 18th Edition, Chapter 15. McGraw-Hill: New York.
12976	Epstein JA, Epstein BS, Jones MD (1979). Symptomatic lumbar scoliosis with degenerative changes in the elderly. Spine (Phila Pa 1976), 4(6): 542-7.
23190	Epstein NE (1999). Circumferential cervical surgery for spondylostenosis with kyphosis in two patients with athetoid cerebral palsy. Surg Neurol, 52(4): 339-44.
1274	Ernst E (1993). Smoking, a cause of back trouble? Br J Rheumatol, 32(3): 239-42.
12193	Evans FG, Lissner HR (1959). Biomechanical studies on the lumbar spine and pelvis. J Bone Joint Surg, 41A(2): 278-90.

23489	Evans W, Jobe W, Seibert C (1989). A cross-sectional prevalence study of lumbar disc degeneration in a working population. Spine (Phila Pa 1976), 14(1): 60-4.
109193	Expert Panel on Neurological Imaging, McDonald MA, Kirsch CF, et al (2019). ACR appropriateness criteria cervical neck pain or cervical radiculopathy. J Am Coll Radiol, 16(5S): S57-76.
5530	Felson DT (1994). Do occupation-related physical factors contribute to arthritis? Baillieres Clin Rheumatol, 8(1): 63-77.
34964	Felson DT, Anderson JJ, Naimark A, et al (1989). Does smoking protect against osteoarthritis? Arthritis Rheum, 32(2): 166-72.
109166	Fer C, Guiavarch M, Edouard P (2021). Epidemiology of skydiving-related deaths and injuries: A 10-years prospective study of 6.2 million jumps between 2010 and 2019 in France. J Sci Med Sport, 24(5): 448-53.
13061	Ferguson RJ, McMaster JH, Stanitski CL (1974). Low back pain in college football linemen. J Sports Med, 2(2): 63-9.
12975	Feuerstein M, Berkowitz SM, Peck CA (1997). Musculoskeletal-related disability in US army personnel: prevalence, gender, and military occupational specialties. J Occup Environ Med, 39(1): 68-78.
12425	Fiorini GT (1976). Forces on lumbo-vertebral facets. Ann Biomed Eng, 4(4): 354-63.
49893	Fischer V, Witt A, Troger N, et al (1980). Vibrationsbedingte wirbelsaulenschaden bei hubschrauberpiloten. Arb Med Soz Med Prav Med, 7: 161-3 [Article in German].
13068	Fitzgerald B, McLatchie GR (1980). Degenerative joint disease in weight-lifters. Fact or fiction? Br J Sports Med, 14(2-3): 97-101.
23208	Fogelholm RR, Alho AV (deceased) (2001). Smoking and intervertebral disc degeneration. Med Hypotheses, 56(4): 537-9.
55065	Froom P, Barzilay J, Caine Y, et al (1986). Low back pain in pilots. Aviat Space Environ Med, 57(7): 694-5.
11495	Froom P, Froom J, Van Dyk D, et al (1984). Lytic spondylolisthesis in helicopter pilots. Aviat Space Environ Med, 55(6): 556-7.
55327	Froom P, Hanegbi R, Ribak J, et al (1987). Low back pain in the AH-1 Cobra helicopter. Aviat Space Environ Med, 58(4): 315-8.
11494	Froom P, Ribak J, Tendler Y, et al (1987). Spondylolithesis in pilots: a follow-up study. Aviat Space Environ Med, 58(6): 588-9.
69558	Fujishiro T, Nabeshima Y, Yasui S, et al (2002). Pseudogout attack of the lumbar facet joint: a case report. Spine (Phila Pa 1976), 27(17): E396-8.
70100	Fye KH, Weinstein PR, Donald F (1999). Compressive cervical myelopathy due to calcium pyrophosphate dihydrate deposition disease: report of a case and review of the literature. Arch Intern Med, 159(2): 189-93.
53782	Gailey R, Allen K, Castles J, et al (2008). Review of secondary physical conditions associated with lower-limb amputation and long-term prosthesis use. J Rehabil Res Dev, 45(1): 15-29.
70448	Garcia-Arias M, Balsa A, Mola EM (2011). Septic arthritis. Best Pract Res Clin Rheumatol, 25(3): 407-21.
23211	Garfin SR (2000). Cervical degenerative disorders: etiology, presentation, and imaging studies. Instr Course Lect, 49: 335-8.
70548	Garfin SR (2013). Rheumatoid arthritis of the cervical spine: overview of rheumatoid spondylitis. Retrieved 23 December 2013, from http://emedicine.medscape.com/article/1266195-overview
109196	Geere JA, Bartram J, Bates L, et al (2018). Carrying water may be a major contributor to disability from musculoskeletal disorders in low income countries: a cross-sectional survey in South Africa, Ghana and Vietnam. J Glob Health, 8(1): 010406.

109195	Geere JL, Cortobius M, Geere JH, et al (2018). Is water carriage associated with the water carrier's health? A systematic review of quantitative and qualitative evidence. BMJ Glob Health, 3(3): e000764.
70882	Gellhorn AC, Katz JN, Suri P (2013). Osteoarthritis of the spine: the facet joints. Nat Rev Rheumatol, 9(4): 216-24.
23196	Gerszten PC, Derszten E, Allison MJ (2001). Diseases of the spine in South American mummies. Neurosurgery, 48(1): 208-13.
12189	Gillen MH (Major). Progressive cervical osteoarthritis in high performance aircraft pilots. NATO Advisory Group for Aerospace Research and Development (AGARD) Conference Proceedings No.471, 6-1 to 6-6.
109170	Gladh K, Ang BO, Lindholm P, et al (2013). Decelerations and muscle responses during parachute opening shock. Aviat Space Environ Med, 84(11): 1205-10.
1277	Goldenberg DL, Reed JI (1985). Bacterial arthritis. N Engl J Med, 312(12): 764-71.
70466	Goldenberg DL, Sexton DJ (2013). Septic arthritis in adults. Retrieved 23 December 2013, from http://www.uptodate.com/contents/septic-arthritis-in-adults
23493	Goldstein JD, Berger PE, Windler GE, et al (1991). Spine injuries in gymnasts and swimmers. An epidemiologic investigation. Am J Sports Med, 19(5): 463-8.
22057	Goldwein JW, Meadows AT (1993). Influence of radiation on growth in pediatric patients. Clin Plast Surg, 20(3): 455-64.
109282	Gooyers CE, Callaghan JP (2015). Exploring interactions between force, repetition and posture on intervertebral disc height loss and bulging in isolated porcine cervical functional spinal units from sub-acute-failure magnitudes of cyclic compressive loading. J Biomech, 48(13): 3701-8.
109293	Gooyers CE, McMillan EM, Noguchi M, et al (2015). Characterizing the combined effects of force, repetition and posture on injury pathways and micro-structural damage in isolated functional spinal units from sub-acute-failure magnitudes of cyclic compressive loading. Clin Biomech (Bristol, Avon), 30(9): 953-9.
71366	Gore DR, Carrera GF, Glaeser ST (2006). Smoking and degenerative changes of the cervical spine: a roentgenographic study. Spine J, 6(5): 557-60.
108141	Gore DR, Sepic SB, Gardner GM (1986). Roentgenographic findings of the cervical spine in asymptomatic people. Spine (Phila Pa 1976), 11(6): 521-4. [Abstract]
55328	Grant KA (2002). Ergonomic assessment of a helicopter crew seat: the HH-60G flight engineer position. Aviat Space Environ Med, 73(9): 913-8.
109197	Granville Smith I, Danckert NP, Freidin MB, et al (2022). Evidence for infection in intervertebral disc degeneration: a systematic review. Eur Spine J, 31(2): 414-30.
109198	Greca I, Ben Gabr J, Perl A, et al (2020). Trauma induced calcium pyrophosphate deposition disease of the lumbar spine. Case Rep Rheumatol, 2020: 3218350.
48486	Green BN, Sims J, Allen R (2006). Use of conventional and alternative treatment strategies for a case of low back pain in a F/A-18 aviator. Chiropr Osteopat, 14: 11.
54590	Griffin MJ (2004). Minimum health and safety requirements for workers exposed to hand-transmitted vibration and whole-body vibration in the European Union; a review. Occup Environ Med, 61(5): 387-97.
109180	Griffith JF, Xiao F, Hilkens A, et al (2022). Increased vertebral body area, disc and facet joint degeneration throughout the lumbar spine in patients with lumbosacral transitional vertebrae. Eur Radiol, 32(9): 6238-46.

23446	Grogan J, Nowicki BH, Schmidt TA, et al (1997). Lumbar facet joint tropism does not accelerate degeneration of the facet joints. Am J Neuroradiol, 18(7): 1325-9.
71562	Grossman A, Nakdimon I, Chapnik L, et al (2012). Back symptoms in aviators flying different aircraft. Aviat Space Environ Med, 83(7): 702-5.
109177	Gruber HE, Hanley EN Jr (2015). Alkaptonuria-associated changes in disc degeneration: a case report. JBJS Case Connect, 5(4): e96.
25389	Guides to the Evaluation of Permanent Impairment (????). Description of Clinical Studies. The American Medical Association Guides to the Evaluation of Permanent Impairment, 15.1b: 378-9.
23199	Guiot BH, Fessler RG (2000). Molecular biology of degenerative disc disease. Neurosurgery, 47(5): 1034-40.
54592	Gunaselvam J, van Niekerk JL (2005). Seat selection guidelines to reduce whole-body vibration exposure levels in the SA mining industry. J South Afr Inst Min Metall, 105: 675-86.
71563	Guterl CC, See EY, Blanquer SB, et al (2013). Challenges and strategies in the repair of ruptured annulus fibrosus. Eur Cell Mater, 25(1): 1-21.
34752	Haara MM, Manninen P, Kroger H, et al (2003). Osteoarthritis of finger joints in Finns aged 30 or over: prevalence, determinants, and association with mortality. Ann Rheum Dis, 62(2): 151-8.
71369	Hadjipavlou AG, Gaitanis LN, Katonis PG, et al (2001). Paget's disease of the spine and its management. Eur Spine J, 10(5): 370-84.
23343	Hadjipavlou AG, Simmons JW, Pope MH, et al (1999). Pathomechanics and clinical relevance of disc degeneration and annular tear: a point-of-view review. Am J Orthop (Belle Mead NJ), 28(10): 561-71.
52869	Hadjipavlou AG, Tzermiadianos MN, Bogduk N, et al (2008). The pathophysiology of disc degeneration: A critical review. J Bone Joint Surg Br, 90(10): 1261-70.
6433	Hagberg M, Wegman DH (1987). Prevalence rates and odds ratios of shoulder-neck diseases in different occupational groups. Br J Ind Med, 44(9): 602-10.
23188	Hagenah JM, Vieregge A, Vieregge P (2001). Radiculopathy and myelopathy in patients with primary cervical dystonia. Eur Neurol, 45(4): 236-40.
47309	Hahn SM, Glastein E (2001). Radiation Injury. Harrison's Principles of Internal Medicine, 15th Edition, Part 15 Section 1: 2585-90. McGraw Hill, New York.
11496	Hamalainen O (1993). Flight Helmet weight, +Gz Forces, and neck muscle strain. Aviat Space Environ Med, 64(1): 55-7.
64003	Hamalainen O (1999). Thoracolumbar pain among fighter pilots. Mil Med, 164(8): 595-6.
23337	Hamalainen O, Toivakka-Hamalainen SA, Kuronen P (1999). +Gz associated stenosis of the cervical spinal canal in fighter pilots. Aviat Space Environ Med, 70(4): 330-4.
8170	Hamalainen O, Vanharanta H, Kuusela T (1993). Degeneration of cervical intervertebral disks in fighter pilots frequently exposed to high +Gz forces. Aviat Space Environ Med, 64(8): 692-6.
18951	Hamalainen O, Vanharanta H, Hupli M, et al (1996). Spinal shrinkage due to Gz forces. Aviat Space Environ Med, 67(7): 659-61.
70948	Hangai M, Kaneoka K, Kuno S, et al (2008). Factors associated with lumbar intervertebral disc degeneration in the elderly. Spine J, 8(5): 732-40.
23646	Hannan MT, Anderson JJ, Zhang Y, et al (1993). Bone mineral density and knee osteoarthritis in elderly men and women. The Framingham Study. Arthritis Rheum, 36(12): 1671-80.
50048	Hansen B, Wagstaff AS (2001). Low back pain in Norwegian helicopter aircrew. Aviat Space Environ Med, 72(3): 161-4.

13005	Hansson T, Holm S (1991). Clinical implications of vibration-induced changes in the lumbar spine. Orthop Clin North Am, 22(2): 247-53.
23206	Harada A, Okuizumi H, Miyagi N, et al (1998). Correlation between bone mineral density and intervertebral disc degeneration. Spine (Phila Pa 1976), 23(8): 857-61; discussion 862.
12921	Hardcastle P, Annear P, Foster DH, et al (1992). Spinal abnormalities in young fast bowlers. J Bone Joint Surg Br, 74(3): 421-5.
23193	Harrison DE, Harrison DD, Janik TJ, et al (2001). Comparison of axial and flexural stresses in lordosis and three buckled configurations of the cervical spine. Clin Biomech (Bristol, Avon), 16(4): 276-84.
70101	Harrop JS, Hanna A, Silva MT, et al (2007). Neurological manifestations of cervical spondylosis: an overview of signs, symptoms, and pathophysiology. Neurosurgery, 60(Supp1): S14-20.
1279	Hart DJ, Spector TD (1993). Cigarette smoking and the risk of osteoarthritis in women in the general population: the Chingford study. Ann Rheum Dis, 52(2): 93-6.
84983	Hartmann H, Wirth K, Klusemann M (2013). Analysis of the load on the knee joint and vertebral column with changes in squatting depth and weight load. Sports Med, 43(10): 993-1008.
5524	Hartz AJ, Fischer ME, Bril G, et al (1986). The association of obesity with joint pain and osteoarthritis in the Hanes data. J Chron Dis, 39(4): 311-9.
109174	Hashimoto K, Aizawa T, Kanno H, et al (2019). Adjacent segment degeneration after fusion spinal surgery-a systematic review. Int Orthop, 43(4): 987-93.
109200	Healey LA (2019). The effects of operationally relevant head supported mass on neck muscle activity during a rapid scanning task. A thesis presented to the University of Waterloo in fulfilment of the thesis requirement for the degree of Master of Science in Kinesiology.
23485	Healy JF, Healy BB, Wong WH, et al (1996). Cervical and lumbar MRI in asymptomatic older male lifelong athletes: frequency of degenerative findings. J Comput Assist Tomogr, 20(1): 107-12.
22059	Heaston DK, Libshitz HI, Chan RC (1979). Skeletal effects of megavoltage irradiation in survivors if Wilm's Tumor. AJR Am J Roentgenol, 133(3): 389-95.
108140	Helfgott SM (2022). Diffuse idiopathic skeletal hyperostosis (DISH). Retrieved 3 August 2022, from https://www.uptodate.com/contents/diffuse-idiopathic-skeletal-hyperostosis-dish
18434	Hendriksen IJ, Holewijn M (1999). Degenerative changes of the spine of fighter pilots of the Royal Netherlands Air Force (RNLAF). Aviat Space Environ Med, 70(11): 1057-63.
70467	Hermes ED, Webb TS, Wells TS (2010). Aircraft type and other risk factors for spinal disorders: data from 19,673 military cockpit aircrew. Aviat Space Environ Med, 81(9): 850-6.
12979	Hettinger T (1985). Occupational hazards associated with diseases of the skeletal system. Ergonomics, 28(1): 69-75.
23197	Hilibrand AS, Carlson GD, Palumbo MA, et al (1999). Radiculopathy and myelopathy at segments adjacent to the site of a previous anterior cervical arthrodesis. J Bone Joint Surg Am, 81A(4): 519-28.
71075	Hill TE, Desmoulin GT, Hunter CJ (2009). Is vibration truly an injurious stimulus in the human spine? J Biomech, 42(16): 2631-5.
70102	Hirose J (2010). Clinical presentation and diagnosis of calcium deposition diseases. Int J Clin Rheum, 5(1): 117.
85511	Hlavkova J, Lebeda T, Tichy T, et al (2016). Evaluation of lumbar spine load by computational method in order to acknowledge low-back disorders as occupational diseases. Cent Eur J Public Health, 24(1): 58-67.

48485	Holopainen K, Nevala N, Kuronen P, et al (2004). Effects of vocationally oriented medical rehabilitation for aircraft maintenance personnel - a preliminary study of long-term effects with 5-year follow-up. J Occup Rehab, 14(4): 233-42.
36997	Hopkins J (????). Radiology rounds. Retrieved 7 March 2005, from http://www.hopkins-arthritis.com.jhmi.edu/radrds/radiology_4/4_radrds_diagnosis.html
68737	Hordon LD (2012). Rheumatic and bone disorders associated with acromegaly. Retrieved 26 July 2013, from http://www.uptodate.com/contents/rheumatic-and-bone-disorders-associated-with-acromegaly
71077	Hosea TM, Hannafin JA (2012). Rowing injuries. Sports Health, 4(3): 236-45.
71235	Hsieh PC, Lee ST, Chen JF (2014). Lower thoracic degenerative spondylithesis with concomitant lumbar spondylosis. Clin Neurol Neurosurg, 118: 21-5.
70943	Hui M, Doherty M, Zhang W (2011). Does smoking protect against osteoarthritis? Meta-analysis of observational studies. Ann Rheum Dis, 70(7): 1231-7.
12293	Hult L (1954). Cervical, dorsal and lumbar spinal syndromes: A field investigation of a non-selected material of 1200 workers in different occupations with special reference to disc degeneration and so-called muscular rheumatism. Acta Orthop Scand Suppl, 17: 1-102.
84984	Hung YJ, Shih TT, Chen BB, et al (2014). The dose-response relationship between cumulative lifting load and lumbar disk degeneration based on magnetic resonance imaging findings. Phys Ther, 94(11): 1582-93.
70468	Hunt SC, Orsborn M, Checkoway H, et al (2008). Later life disability status following incarceration as a prisoner of war. Mil Med, 173(7): 613-8.
21776	IARC Working Group (2000). Ionizing radiation, Part 1: X- and gamma(y)-radiation, and neutrons. IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Vol 75. World Health Organization, International Agency for Research on Cancer, Lyon France.
34150	Iguchi T, Kanemura A, Kasahara K, et al (2004). Lumbar instability and clinical symptoms: Which is the more critical factor for symptoms: Sagittal translation or segment angulation? J Spinal Disord Tech, 17(4): 284-90.
109244	Inhofe JM (2019). Study on health of helicopter and tiltrotor pilots: Literature review and epidemiology study. Retrieved 10 November 2022, from https://www.health.mil/Reference-Center/Congressional-Testimonies/2019/02/08/Study-on-Health-of-Helicopter-and-Tiltrotor-Pilots
49828	Irvine T (2003). Vibrationdata. May Newsletter. Retrieved 29 September 2008, from www.vibrationdata.com/Newsletters/May2003_NL.pdf
108139	Isaac Z, Kelly HR (2021). Evaluation of the adult patient with neck pain. Retrieved 3 August 2022, from https://www.uptodate.com/contents/evaluation-of-the-adult-patient-with-neck-pain
109179	Isakov A, Yanamadala V, Yassari R, et al (2022). Acute cauda equina syndrome due to spondylolisthesis in the midst of a pandemic: a case report. JBJS Case Connect, 12(1).
23200	Ishida Y, Ohmori K, Inoue H, et al (1999). Delayed vertebral slip and adjacent disc degeneration with an isthmic defect of the fifth lumbar vertebra. J Bone Joint Surg Br, 81B(2): 240-4.
109972	Isung J, Isomura K, Larsson H, et al (2021). Association of Tourette syndrome and chronic tic disorder with cervical spine disorders and related neurological complications. JAMA Neurol, 78(10): 1205-11.
109163	Iyer S, Louie PK, Nolte MT, et al (2019). The relationship between low-grade infection and degenerative disk disease: a review of basic science and clinical data. J Am Acad Orthop Surg, 27(14): 509-18.

85634	Jager M, Jordan C, Theilmeier A, et al (2013). Lumbar-load analysis of manual patient-handling activities for biomechanical overload prevention among healthcare workers. Ann Occup Hyg, 57(4): 528-44.
85789	Jager M, Luttmann A (1992). The load on the lumbar spine during asymmetrical bi-manual materials handling. Ergonomics, 35(7-8): 783-805.
23347	Jaovisidha S, Apiyasawat P, Poramathikul M, et al (2000). Degenerative disk disease at lumbosacral junction: plain film findings and related MRI abnormalities. J Med Assoc Thai, 83(8): 865-71.
109990	Jarreau PB (2013). The physics of skydiving. Retrieved 4 November 2021, from https://ncmns.wordpress.com/2013/07/17/the-physics-of-skydiving
84841	Jarrot PA, Leone H, Brochot P, et al (2015). Achilles tendinitis in systemic lupus erythematosus: search for an associated inflammatory disease. Lupus, 24(12): 1318-20.
109202	Jiao Y, Lin Y, Zheng Y, et al (2019). The bacteria-positive proportion in the disc tissue samples from surgery: a systematic review and meta-analysis. Eur Spine J, 28(12): 2941-50.
109204	Joaquim AF, Ghizoni E, Tedeschi H, et al (2015). Radiological evaluation of cervical spine involvement in rheumatoid arthritis. Neurosurg Focus, 38(4): E4.
85199	Johnson V, Coyle J, Pope R, et al (2011). Load carriage and the female soldier. J Mil Veterans' Health, 19(3): 25-34.
34786	Jones G, Cooley HM, Stankovich JM (2002). A cross sectional study of the association between sex, smoking, and other lifestyle factors and osteoarthritis of the hand. J Rheumatol, 29(8): 1719-24.
12230	Jones G, White C, Nguyen T, et al (1996). Prevalent vertebral deformities: relationship to bone mineral density and spinal osteophytosis in elderly men and women. Osteoporos Int, 6(3): 233-9.
23365	Jones G, White C, Sambrook P, et al (1998). Allelic variation in the vitamin D receptor, lifestyle factors and lumbar spinal degenerative disease. Ann Rheum Dis, 57(2): 94-9.
47993	Jones JA, Hart SF, Baskin DS, et al (2000). Human and behavioural factors contributing to spine-based neurological cockpit injuries in pilots of high-performance aircraft: Recommendations for management and prevention. Mil Med, 165(1): 6-12.
12917	Julkunen H, Knekt P, Aromaa A (1981). Spondylosis deformans and diffuse idiopathic skeletal hyperostosis (DISH) in Finland. Scand J Rheumatol, 10(3): 193-203.
5535	Jumah KB, Nyame PK (1994). [Comment] Relationship between load carrying on the head and cervical spondylosis in Ghanaians. West Afr J Med, 13(3): 181-2.
76513	Kadow T, Sowa G, Vo N, et al (2015). Molecular basis of intervertebral disc degeneration and herniations: what are the important translational questions? Clin Orthop Relat Res, 473(6): 1903-12.
109206	Kahveci R, Ergungor MF, Gunaydin A, et al (2013). Alkaptonuric patient presenting with "black" disc: a case report. Acta Orthop Traumatol Turc, 47(2): 134-8.
70469	Kalichman L, Guermazi A, Li L, et al (2009). Association between age, sex, BMI and CT-evaluated spinal degeneration features. J Back Musculoskelet Rehabil, 22(4): 189-95.
7163	Kambin P, Cohen LF, Brooks M, et al (1995). Development of degenerative spondylosis of the lumbar spine after partial discectomy: comparison of laminotomy, discectomy, and posterolateral discectomy. Spine (Phila Pa 1976), 20(5): 599-607.
23345	Kao MC, Huang SC, Chiu CT, et al (2000). Thoracic cord compression due to gout: a case report and literature review. J Formos Med Assoc, 99(7): 572-5.

34751	Karlson EW, Mandl LA, Aweh GN, et al (2003). Total hip replacement due to osteoarthritis: the importance of age, obesity, and other modifiable risk factors. Am J Med, 114(2): 93-8.
12958	Katevuo K, Aitasalo K, Lehtinen R, et al (1985). Skeletal changes in dentists and farmers in Finland. Community Dent Oral Epidemiol, 13(1): 23-5.
24372	Katsuura A, Hukuda S, Saruhashi Y, et al (2001). Kyphotic malalignment after anterior cervical fusion is one of the factors promoting the degenerative process in adjacent intervertebral levels. Eur Spine J, 10(4): 320-4.
71020	Kauppila LI (2009). Atherosclerosis and disc degeneration/low-back pain--a systematic review. Eur J Vasc Endovasc Surg, 37(6): 661-70.
13036	Kellgren JH, Lawrence JS (1958). Osteo-arthrosis and disk degeneration in an urban population. Ann Rheum Dis, 17(4): 388-97.
1281	Kellgren JH, Lawrence JS (1952). Rheumatism in miners. II. X-ray study. Br J Ind Med, 9(3): 197-207.
70107	Kelly JC, Groarke PJ, Butler JS, et al (2012). The natural history and clinical syndromes of degenerative cervical spondylosis. Adv Orthop, 2012: 393642.
133244	Kennedy MC (2024). China Maritime Report No. 39: A hundred men wielding one gun - life, duty, and cultural practices aboard PLAN submarines. Retrieved 12 May 2026, from https://digital-commons.usnwc.edu/cmsi-maritime-reports/39/
71359	Keorochana G, Taghavi CE, Lee KB, et al (2011). Effect of sagittal alignment on kinematic changes and degree of disc degeneration in the lumbar spine: an analysis using positional MRI. Spine (Phila Pa 1976), 36(11): 893-8.
23223	Kerttula LI, Serlo WS, Tervonen OA, et al (2000). Post-traumatic findings of the spine after earlier vertebral fracture in young patients: clinical and MRI study. Spine (Phila Pa 1976), 25(9): 1104-8.
109983	Kim J, Kim JY, Lee JM, et al (2019). Progressive cervical spondylotic myelopathy caused by tic disorders in a young adult with Tourette syndrome. Korean J Neurotrauma, 15(2): 199-203.
23344	Kinoshita H, Tamaki T, Hashimoto T, et al (1998). Factors influencing lumbar spine bone mineral density assessment by dual-energy X-ray absorptiometry: comparison with lumbar spinal radiogram. J Orthop Sci, 3(1): 3-9.
109973	Kirnaz S, Capadona C, Wong T, et al (2022). Fundamentals of intervertebral disc degeneration. World Neurosurg, 157: 264-73.
71564	Kishner S (2012). Degenerative disk disease. Retrieved 27 May 2014, from http://emedicine.medscape.com/article/1265453-overview#showall
54583	Kittusamy NK, Buchholz B (2004). Whole-body vibration and postural stress among operators of construction equipment: a literature review. J Safety Res, 35(3): 255-61.
47059	Klareskog L, Padyukov L, Alfredsson L (2007). Smoking as a trigger for inflammatory rheumatic diseases. Curr Opin Rheumatol, 19(1): 49-54.
10400	Knapik J, Ang P, Reynolds K, et al (1993). Physical fitness, age, and injury incidence in infantry soldiers. J Occup Med, 35(6): 598-603.
12896	Knapik J, Harman E, Reynolds K (1996). Load carriage using packs: a review of physiological, biomechanical and medical aspects. Appl Ergon, 27(3): 207-16.
109974	Ko DY, Kim SK, Chae JH, et al (2013). Cervical spondylotic myelopathy caused by violent motor tics in a child with Tourette syndrome. Childs Nerv Syst, 29(2): 317-21.
70470	Koller H, Acosta F, Forstner R, et al (2009). C2-fractures: part II. A morphometrical analysis of computerized atlantoaxial motion, anatomical alignment and related clinical outcomes. Eur Spine J, 18(8): 1135-53.

70116	Konatalapalli RM, Demarco PJ, Jelinek JS, et al (2009). Gout in the axial skeleton. J Rheumatol, 36(3): 609-13.
108138	Kothari MJ (2022). Clinical features and diagnosis of cervical radiculopathy. Retrieved 3 August 2022, from https://www.uptodate.com/contents/clinical-features-and-diagnosis-of-cervical-radiculopathy
109975	Kovalova I, Kerkovsky M, Kadanka Z, et al (2016). Prevalence and imaging characteristics of nonmyelopathic and myelopathic spondylotic cervical cord compression. Spine (Phila Pa 1976), 41(24): 1908-16.
24347	Kriss TC (2000). Neck pain: primary care work-up of acute and chronic symptoms. Geriatrics, 55(1): 47-57.
49826	Kuisma M, Karppinen J, Haapea M, et al (2008). Are the determinants of vertebral endplate changes and severe disc degeneration in the lumbar spine the same? A magnetic resonance imaging study in middle-aged male workers. BMC Musculoskelet Disord, 9: 51.
71570	Lama P, Le Maitre CL, Dolan P, et al (2013). Do intervertebral discs degenerate before they herniate, or after? Bone Joint J, 95-B(8): 1127-33.
48176	Landau DA, Chapnick L, Yoffe N, et al (2006). Cervical and lumbar MRI findings in aviators as a function of aircraft type. Aviat Space Environ Med, 77(11): 1158-61.
1486	Lane NE, Beat M, Bjorkengren A, et al (1993). The risk of osteoarthritis with running and aging: A 5-year longitudinal study. J Rheumatol, 20(3): 461-8.
1285	Lane NE, Bloch DA, Jones HH, et al (1986). Long-distance running, bone density and osteoarthritis. JAMA, 255(9): 1147-51.
23210	Lane NE, Oehlert JW, Bloch DA, et al (1998). The relationship of running to osteoarthritis of the knee and hip and bone mineral density of the lumbar spine: a 9 year longitudinal study. J Rheumatol, 25(2): 334-41.
22060	Larson DL, Kroll S, Jaffe S, et al (1991). Long-term effects of radiotherapy in childhood and adolescence. Am J Surg, 160(4): 348-51.
85512	Lastovkova A, Nakladalova M, Fenclova Z, et al (2015). Low-back pain disorders as occupational diseases in the Czech Republic and 22 European countries: Comparison of national systems, related diagnoses and evaluation criteria. Cent Eur J Public Health, 23(3): 244-51.
34761	Lau EC, Cooper C, Lam D, et al (2000). Factors associated with osteoarthritis of the hip and knee in Hong Kong Chinese: Obesity, joint injury, and occupational activities. Am J Epidemiol, 152(6): 855-62.
5528	Lawrence JS (1955). Rheumatism in coal miners. Part III. Occupational factors. Br J Ind Med, 12(3): 249-61.
12965	Lawrence JS (1975). Hypertension in relation to musculoskeletal disorders. Ann Rheum Dis, 34(5): 451-6.
1286	Lawrence JS, Aitken-Swan J (1952). Rheumatism in miners: Part I: Rheumatic complaints. Br J Ind Med, 9(1): 1-18.
13248	Lawrence JS, Molyneux MK, Dingwall-Fordyce I (1966). Rheumatism in foundry workers. Br J Ind Med, 23(1): 42-52.
109181	Le Huec JC, Cogniet A, Mazas S, et al (2016). Lumbar scoliosis associated with spinal stenosis in idiopathic and degenerative cases. Eur J Orthop Surg Traumatol, 26(7): 705-12.
23212	Lee SW, Mathie AG, Jackson JE, et al (2001). Investigation of vertebral "end plate sclerosis". Skeletal Radiol, 30(8): 454-9.
23286	Leidig-Bruckner G, Limberg B, Felsenberg D, et al (2000). Sex Difference in the Validity of Vertebral Deformities as an Index of Prevalent Vertebral Osteoporotic Fractures: A Population Survey of Older Men and Women. Osteoporos Int, 11(2): 102-19.

23213	Leone A, Sundaram M, Cerase A, et al (2001). Destructive spondyloarthropathy of the cervical spine in long-term hemodialyzed patients: a five-year clinical radiological prospective study. Skeletal Radiol, 30(8): 431-41.
108142	Levin K (2021). Lumbar spinal stenosis: treatment and prognosis. Retrieved 29 July 2022, from https://www.uptodate.com/contents/lumbar-spinal-stenosis-treatment-and-prognosis
12912	Levine RA, Rosenbaum AE, Waltz JM, et al (1970). Cervical spondylosis and dyskinesias. Neurology, 20(12): 1194-9.
70471	Li W, Han J, Qureshi AA (2012). Smoking and risk of incident psoriatic arthritis in US women. Ann Rheum Dis, 71(6): 804-8.
23225	Liang HW, Wang YH, Lin YN, et al (2001). Impact of age on the injury pattern and survival of people with cervical cord injuries. Spinal Cord, 39(7): 375-80.
49825	Lis AM, Black KM, Korn H, et al (2007). Association between sitting and occupational LBP. Eur Spine J, 16(2): 283-98.
109208	Liu RW, Streit JJ, Weinberg DS, et al (2018). No relationship between mild limb length discrepancy and spine, hip or knee degenerative disease in a large cadaveric collection. Orthop Traumaol Surg Res, 104(5): 603-7.
70472	Liuke M, Solovieva S, Lamminen A, et al (2005). Disc degeneration of the lumbar spine in relation to overweight. Int J Obes (Lond), 29(8): 903-8.
91162	Lloyd R, Parr B, Davies S, et al (2010). Subjective perceptions of load carriage on the head and back in Xhosa women. Appl Ergon, 41(4): 522-9.
86896	Lo Martire R, Gladh K, Westman A, et al (2016). Neck muscle activity in skydivers during parachute opening shock. Scand J Med Sci Sports, 26(3): 307-16.
5525	Lovell NC (1994). Spinal arthritis and physical stress at Bronze Age Harappa. Am J Phys Anthropol, 93(2): 149-64.
23336	Lundin O, Hellstrom M, Nilsson I, et al (2001). Back pain and radiological changes in the thoraco-lumbar spine of athletes. A long-term follow-up. Scand J Med Sci Sports, 11(2): 103-09.
23201	Luoma K, Riihimaki H, Raininko R, et al (1998). Lumbar disc degeneration in relation to occupation. Scand J Work Environ Health, 24(5): 358-66.
85783	Lyer S, Christiansen BA, Roberts BJ, et al (2010). A biomechanical model for estimating loads on thoracic and lumbar vertebrae. Clin Biochem, 25(9): 853-8.
48758	Lyras DN, Tilkeridis K, Stavrakis T (2008). Progression of spondylosis to isthmic spondylolisthesis in an adult without accompanying disc generation: a case report. Acta Orthop Belg, 74(1): 141-4.
109210	Macedo LG, Battie MC (2019). The association between occupational loading and spine degeneration on imaging - a systematic review and meta-analysis. BMC Musculoskelet Disord, 20(1): 489.
109211	Macedo LG, Noguchi KS, de Oliveira LA, et al (2022). The association between whole body vibration exposure and spine degeneration on imaging: A systematic review. J Back Musculoskelet Rehabil, 35(4): 691-700.
53837	Mahbub MH, Laskar MS, Seikh FA, et al (2006). Prevalence of cervical spondylosis and musculoskeletal symptoms among coolies in a city of Bangladesh. J Occup Health, 48(1): 69-73.
70117	Mahmud T, Basu D, Dyson PH (2005). Crystal arthropathy of the lumbar spine: a series of six cases and a review of the literature. J Bone Joint Surg Br, 87(4): 513-7.
85296	Majumdar D, Pal MS, Jajumdar D (2010). Effects of military load carriage on kinematics of gait. Ergonomics, 53(6): 782-91.
109213	Maneechaeye W, Deepreecha K, Jiamjarasrangsi W (2020). Incidence and risk factors associated with injuries during static line parachute training in Royal Thai Army. Mil Med Res, 7(1): 27.

35319	Manninen P, Heliovaara M, Riihimaki H, et al (2002). Physical workload and the risk of severe knee osteoarthritis. Scand J Work Environ Health, 28(1): 25-32.
23204	Marchiori DM, Henderson CN (1996). A cross-sectional study correlating cervical radiographic degenerative findings to pain and disability. Spine (Phila Pa 1976), 21(23): 2747-51.
70447	Mariconda M, Galasso O, Imbimbo L, et al (2007). Relationship between alterations of the lumbar spine, visualized with magnetic resonance imaging, and occupational variables. Eur Spine J, 16(2): 255-66.
109214	Marie-Hardy L, Barut N, Sari Ali H, et al (2020). Evaluation of disc degeneration adjacent to AOspine A fractures: pre- and post-operative MRI analysis. SICOT J, 6: 33.
23226	Mata S, Chhem RK, Fortin PR, et al (1998). Comprehensive radiographic evaluation of diffuse idiopathic skeletal hyperostosis: development and interrater reliability of a scoring system. Semin Arthritis Rheum, 28(2): 88-96.
70473	Mathews CJ, Weston VC, Jones A, et al (2010). Bacterial septic arthritis in adults. Lancet, 375(9717): 846-55.
55661	Matilla VM, Sillanpaa P, Visuri T, et al (2009). Incidence and trends of low back pain hospitalisation during military service - an analysis of 387,070 Finnish young males. BMC Musculoskelet Disord, 10: 10.
70118	Matsumoto M, Fujimura Y, Suzuki N, et al (1998). MRI of cervical intervertebral discs in asymptomatic subjects. J Bone Joint Surg Br, 80(1): 19-24.
109164	Maurer E, Klinger C, Lorbeer R, et al (2022). Association between cardiovascular risk factors and degenerative disc disease of the thoracolumbar spine in the general population: results from the KORA MRI Study. Acta Radiol, 63(6): 750-9.
71076	Mavrogenis AF, Sakellariou VI, Tsiodras S, et al (2009). Late mycobacterium bovis spondylitis after intravesical BCG therapy. Joint Bone Spine, 76(3): 296-300.
23346	Mazieres B, Rovensky J (2000). Non-inflammatory enthesopathies of the spine: a diagnostic approach. Baillieres Best Pract Res Clin Rheumatol, 14(2): 201-17.
23214	McClure P (2000). The degenerative cervical spine: pathogenesis and rehabilitation concepts. J Hand Ther, 13(2): 163-74.
109224	McCormick ZL, Lehman VT, Plastaras CT, et al (2019). Low-pressure lumbar provocation discography according to Spine Intervention Society/International Association for the Study of Pain standards does not cause acceleration of disc degeneration in patients with symptomatic low back pain: a 7-year matched cohort study. Spine (Phila Pa 1976), 44(19): E1161-8.
5527	McDermott M, Freyne P (1983). Osteoarthrosis in runners with knee pain. Br J Sports Med, 17(2): 84-7.
70474	McDonald M, Sexton DJ (2013). Skeletal tuberculosis. Retrieved 23 December 2013, from http://www.uptodate.com/contents/skeletal-tuberculosis
70119	Merkle M, Walchli B, Boos N (2008). Degenerative lumbar spondylosis. Spinal Disorders, 539-583. Springer: Bern.
35448	Mettler FA, Upton AC [Eds] (1995). Medical Effects of Ionizing Radiation. Second Edition. WB Saunders Co, USA. [ISBN 0 7216 6646 9]
54582	Middleton K, Fish DE (2009). Lumbar spondylosis: clinical presentation and treatment approaches. Curr Rev Musculoskelet Med, 2(2): 94-104.
23368	Mihara H, Ohnari K, Hachiya M, et al (2000). Cervical myelopathy caused by C3-C4 spondylosis in elderly patients. A radiographic analysis of pathogenesis. Spine (Phila Pa 1976), 25(7): 796-800.

47311	Milby TH, Spear RC (1974). Relationship between whole body vibration and morbidity patterns among heavy equipment operators. US Department of Health, Education, and Welfare. National Institute for Occupational Safety and Health.
70946	Milgrom Y, Milgrom C, Constantini N, et al (2013). The Effect of Very High versus Very Low Sustained Loading on the Lower Back and Knees in Middle Life. Retrieved 18 February 2014, from http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3777183/pdf/BMRI2013-921830.pdf
70947	Milosavljevic S, Bergman F, Rehn B, et al (2010). All-terrain vehicle use in agriculture: exposure to whole body vibration and mechanical shock. Appl Ergon, 41(4): 530-5.
34749	Miranda H, Vikari-Juntura E, Martikainen R, et al (2002). A prospective study on knee pain and its risk factors. Osteoarthritis Cartilage, 10(8): 623-30.
109212	Mirzashahi B, Tafakhori A, Najafi A, et al (2016). Neglected alkaptonuric patient presenting with steppage gait. Arch Bone Jt Surg, 4(2): 188-91.
23221	Miyakoshi N, Abe E, Shimada Y, et al (1999). Anterior decompression with single segmental spinal interbody fusion for lumbar burst fracture. Spine (Phila Pa 1976), 24(1): 67-73.
23222	Miyakoshi N, Abe E, Shimada Y, et al (2000). Outcome of one-level posterior lumbar interbody fusion for spondylolisthesis and postoperative intervertebral disc degeneration adjacent to the fusion. Spine (Phila Pa 1976), 25(14): 1837-42.
71358	Miyazaki M, Hymanson HJ, Morishita Y, et al (2008). Kinematic analysis of the relationship between sagittal alignment and disc degeneration in the cervical spine. Spine (Phila Pa 1976), 33(23): E870-6.
23334	Modic MT (1999). Degenerative disc disease and back pain. Magn Reson Imaging Clin N Am, 7(3): 481-91.
109219	Moinuddin FM, Wahood W, Yolcu Y, et al (2020). Lumbar puncture increases risk of lumbar degenerative disc disease: analysis from the Rochester Epidemiology Project. Spine (Phila Pa 1976), 45(20): E1326-32.
64002	Moiseev Iu (1997). [Large aerobatic G-loads and degenerative-dystrophic changes of the spine in pilots: a new problem?]. Aviakosm Ekolog Med, 31(6): 11-3 [Article in Russian]. [Abstract]
109218	Moon AS, Mabry S, Pittman JL (2020). Calcium pyrophosphate deposition disease of the cervical and thoracolumbar spine: A report of two cases. N Am Spine Soc J, 3: 100026.
12194	Morris JM, Lucas DB, Bresler B (1961). Role of the trunk in stability of the spine. J Bone Joint Surg, 43A(3): 327-51.
109225	Moshrif A, Laredo JD, Bassiouni H, et al (2019). Spinal involvement with calcium pyrophosphate deposition disease in an academic rheumatology center: A series of 37 patients. Semin Arthritis Rheum, 48(6): 1113-26.
12923	Moskowitz A, Moe JH, Winter RB, et al (1980). Long-term follow-up of scoliosis fusion. J Bone Joint Surg Am, 62A(3): 364-76.
109217	Murakami K, Nagata K, Hashizume H, et al (2020). Prevalence of cervical anterior and posterior spondylolisthesis and its association with degenerative cervical myelopathy in a general population. Sci Rep, 10(1): 10455.
109216	Muraki S, Akune T, Oka H, et al (2012). Incidence and risk factors for radiographic lumbar spondylosis and lower back pain in Japanese men and women: the ROAD study. Osteoarthritis Cartilage, 20(7): 712-8.
70880	Muraki S, Akune T, Oka H, et al (2009). Association of occupational activity with radiographic knee osteoarthritis and lumbar spondylosis in elderly patients of population-based cohorts: a large-scale population-based study. Arthritis Rheum, 61(6): 779-86.

109215	Murray KJ, Azari MF (2015). Leg length discrepancy and osteoarthritis in the knee, hip and lumbar spine. J Can Chiropr Assoc, 59(3): 226-37.
85924	Murray KJ, Le Grande MR, de Mues AO, et al (2017). Characterisation of the correlation between standing lordosis and degenerative joint disease in the lower lumbar spine in women and men: a radiographic study. BMC Musculoskelet Disord, 18(1): 330.
109168	Murray KJ, Molyneux T, Le Grande MR, et al (2017). Association of mild leg length discrepancy and degenerative changes in the hip joint and lumbar spine. J Manipulative Physiol Ther, 40(5): 320-9.
85184	Murray M, Lange B, Chreiteh SS, et al (2016). Neck and shoulder muscle activity and posture among helicopter pilots and crew-members during military helicopter flight. J Electromyogr Kinesiol, 27: 10-7.
5531	Murray-Leslie CF, Lintott DJ, Wright V (1977). The spine in sport and veteran military parachutists. Ann Rheum Dis, 36(4): 332-42.
13039	Mustajoki P, Nummi J, Meurman K (1978). Permanent changes in the spines of military parachutists. Aviat Space Environ Med, 49(6): 823-6.
85513	Musumeci G, Aiello FC, Szychlinska MA, et al (2015). Osteoarthritis in the XXIst century: Risk factors and behaviours that influence disease onset and progression. Int J Mol Sci, 16(3): 6093-112.
23366	Nakai S, Yoshizawa H, Kobayashi S (1999). Long-term follow-up study of posterior lumbar interbody fusion. J Spinal Disord, 12(4): 293-9.
109162	Nakashima H, Yukawa Y, Suda K, et al (2015). Cervical disc protrusion correlates with the severity of cervical disc degeneration: a cross-sectional study of 1211 relatively healthy volunteers. Spine (Phila Pa 1976), 40(13): E774-9.
71428	Nakdimon I, Chapnik L, Grossman A, et al (2012). Back symptoms in aviators flying different aircraft. Aviat Space Environ Med, 83(7): 702-5.
109226	Nassr A, Lee JY, Bashir RS, et al (2009). Does incorrect level needle localization during anterior cervical discectomy and fusion lead to accelerated disc degeneration? Spine (Phila Pa 1976), 34(2): 189-92.
109220	Nather P, Kersten JF, Kaden I, et al (2022). Distribution patterns of degeneration of the lumbar spine in a cohort of 200 patients with an indication for lumbar MRI. Int J Environ Res Public Health, 19(6): 3721.
48993	National Research Council and the Institute of Medicine (2001). Musculoskeletal Disorders and the Workplace. Low Back and Upper Extremities: 29, 118-24, 184-94. National Academies Press - Washington, DC.
20404	National Research Council (US) Committee on the Biological Effects of Ionizing Radiation (BEIR V) (1990). Pharynx, hypopharynx, and larynx. Health Effects of Exposure to Low Levels of Ionizing Radiation: 330-1. National Academy Press, Washington, DC.
13038	NATO Advisory Group for Aerospace Research and Development (1982). Physiopathology and Pathology of Spinal Injuries in Aerospace Medicine, 2nd Edition, AGARDograph No. 250 Chapter 6.1, Section 250: 226-61.
64005	Naumann FL, Bennell KL, Wark JD (2001). The effects of +Gz force on the bone mineral density of fighter pilots. Aviat Space Environ Med, 72(3): 177-81.
18576	Naval Aerospace Medical Institute (1991). United States Naval Flight Surgeon's Manual: Third Edition 1991: Chapter 2: Acceleration and Vibration. Sustained acceleration. Retrieved 12 May 2000, from http://www.vnh.org/FSManual.02/02sustainedAcceleration.htm
109989	Nave R (undated). Force on driver in example car crash. Retrieved 4 November 2021, from http://hyperphysics.phy-astr.gsu.edu/hbase/carcr2.html#cc2
55326	Nelson R (2009). Thousands of new cancers predicted due to increased use of CT. Retrieved 20 January 2010, from http://www.medscape.com/viewarticle/714025_print

70475	Nemoto O, Kitada A, Naitou S, et al (2014). Comparative clinical and radiographic study of the lumbar spine between parachute infantry soldiers and non-parachute infantry soldiers in Japanese ground self-defense forces. J R Army Med Corps, 160(4): 286-8. [Abstract]
48453	Newman DG (1997). Head positioning for high +Gz loads: an analysis of the techniques used by F/A-18 pilots. Aviat Space Environ Med, 68(8): 732-5.
9442	Nice DS, Garland CF, Hilton SM, et al (1996). Long-term health outcomes and medical effects of torture among US Navy prisoners of war in Vietnam. JAMA, 276(5): 375-81.
109167	Nilsson J, Friden C, Buren V, et al (2013). Musculoskeletal pain and related risks in skydivers: a population-based survey. Aviat Space Environ Med, 84(10): 1034-40.
85304	Nindl BC, Jones BH, Van Arsdale SJ, et al (2016). Operational physical performance and fitness in military women: physiological, musculoskeletal injury, and optimized physical training considerations for successfully integrating women into combat-centric military occupations. Mil Med, 181(Suppl 1): 50-62.
34630	Niosi CA, Oxland TR (2004). Degenerative mechanics of the lumbar spine. Spine J, 4(6 Suppl): 202S-8S.
12909	Nishihara N, Tanabe G, Nakahara S, et al (1984). Surgical treatment of cervical spondylotic myelopathy complicating athetoid cerebral palsy. J Bone Joint Surg, 66B(4): 504-8.
109984	Nouri A, Tessitore E, Molliqaj G, et al (2022). Degenerative cervical myelopathy: development and natural history [AO Spine RECODE-DCM Research Priority Number 2]. Global Spine J, 12(1 Suppl): 39S-54S.
33239	Obisesan KA, Obajimi MO (1999). Radiological ageing process in the cervical spine of Nigerian women. Afr J Med Med Sci, 28(3-4): 189-91.
12964	O'Connor FG, Marlowe SS (1993). Low back pain in military basic trainees. A pilot study. Spine (Phila Pa 1976), 18(10): 1351-4.
109222	Oh YM, Eun JP (2015). Clinical impact of sagittal spinopelvic parameters on disc degeneration in young adults. Medicine (Baltimore), 94(42): e1833.
12246	O'Keefe B, Smith FB (1994). Medicine at War. Medical aspects of Australia's involvement in Southeast Asia 1950-1972, Allen & Unwin, St Leonards.
71352	O'Leary CB, Cahill CR, Robinson AW, et al (2013). A systematic review: the effects of podiatrical deviations on nonspecific chronic low back pain. J Back Musculoskelet Rehabil, 26(2): 117-23.
23215	Olivieri I, Salvarani C, Cantini F, et al (2001). Ankylosing spondylitis and undifferentiated spondyloarthropathies: a clinical review and description of a disease subset with older age at onset. Curr Opin Rheumatol, 13(4): 280-4.
70120	Oliviero F, Scanu A, Galozzi P, et al (2013). Prevalence of calcium pyrophosphate and monosodium urate crystals in synovial fluid of patients with previously diagnosed joint diseases. Joint Bone Spine, 80(3): 287-90.
20607	O'Neill TW, McCloskey EV, Kanis JA, et al (1999). The distribution, determinants, and clinical correlates of vertebral osteophytosis: a population based survey. J Rheumatol, 26(4): 842-8.
109221	Onodera K, Berry DB, Shahidi B, et al (2019). Intervertebral disc kinematics in active duty Marines with and without lumbar spine pathology. JOR Spine, 2(2): e1057.
85198	Orr RM, Pope R (2016). Gender differences in load carriage injuries of Australian army soldiers. BMC Musculoskelet Disord, 17(1): 488.
12920	Osti OL, Cullum DE (1994). Occupational low back pain and intervertebral disc degeneration: epidemiology, imaging, and pathology. Clin J Pain, 10(4): 331-4.

10424	Osti OL, Vernon-Roberts B, Fraser RD (1990). Anulus tears and intervertebral disc degeneration: an experimental study using an animal model. Spine (Phila Pa 1976), 15(8): 762-7.
3038	O'Toole BI, Marshall RP, Grayson DA, et al (1996). The Australian Vietnam Veterans Health Study: II. Self-reported health of veterans compared with the Australian population. Int J Epidemiol, 25(2): 319-30.
61930	Owens BD, Kragh JF Jr, Macaitis J, et al (2007). Characterization of extremity wounds in Operation Iraqi Freedom and Operation Enduring Freedom. J Orthop Trauma, 21(4): 254-7.
23202	Paavo Z, Rantakallio P, Vanharanta H (1998). Cumulative incidence of lumbar disc diseases leading to hospitalization up to the age of 28 years. Spine (Phila Pa 1976), 23(21): 2337-43.
47310	Page WF (1991). Epidemiology in Military and Veteran Populations. Proceedings of the Second Biennial Conference March 7 1990.
1288	Panush RS, Brown DG (1987). Exercise and arthritis. Sports Med, 4(1): 54-64.
5529	Panush RS, Lane NE (1994). Exercise and the musculoskeletal system. Baillieres Clin Rheumatol, 8th Edition, 1: 79-101.
109988	Park DK (2021). Cervical spondylosis (arthritis of the neck). Retrieved 29 July 2022, from https://orthoinfo.aaos.org/en/diseases--conditions/cervical-spondylosis-arthritis-of-the-neck
23486	Parkkola R, Kormano M (1992). Lumbar disc and back muscle degeneration on MRI: correlation to age and body mass. J Spinal Disord, 5(1): 86-92.
69637	Pearce F, Hui M, Ding C, et al (2013). Does smoking reduce the progression of osteoarthritis? Meta-analysis of observational studies. Arthritis Care Res (Hoboken), 65(7): 1026-33.
48484	Pelham TW, White H, Holt LE, et al (2005). The etiology of low back pain in military helicopter aviators: prevention and treatment. Work, 24(2): 101-10.
109228	Peng T, Zhang ZF (2019). Anterior spinal artery syndrome in a patient with cervical spondylosis demonstrated by CT angiography. Orthop Surg, 11(6): 1220-3.
70885	Pestka JM, Seitz S, Zustin J, et al (2012). Paget disease of the spine: an evaluation of 101 patients with a histomorphometric analysis of 29 cases. Eur Spine J, 21(5): 999-1006.
76463	Petit A, Roquelaure Y (2015). Low back pain, intervertebral disc and occupational diseases. Int J Occup Saf Ergon, 21(1): 15-9.
23339	Petren-Mallmin M, Linder J (1999). MRI cervical spine findings in asymptomatic fighter pilots. Aviat Space Environ Med, 70(12): 1183-8.
23492	Petren-Mallmin M, Linder J (1994). Magnetic resonance findings in the cervical spine of experienced fighter pilots and controls. Aviat Space Environ Med, 66: 470.
48003	Petren-Mallmin M, Linder J (2001). Cervical spine degeneration in fighter pilots and controls: A 5-yr follow-up study. Aviat Space Environ Med, 72(5): 443-6.
23195	Pfirrmann CWA, Resnick D (2001). Schmorl nodes of the thoracic and lumbar spine: radiographic-pathologic study of prevalence, characterization, and correlation with degenerative changes of 1,650 spinal levels in 100 cadavers. Radiology, 219(2): 368-74.
12149	Phillips PB, Zarriello JJ (1959). Central nervous system injury from high radial G Force. Aerosp Med, 30: 847-51.
85509	Pinder AD, Boocock MG (2014). Prediction of the maximum acceptable weight of lift from the frequency of lift. Int J Ind Ergonomics, 44(2): 225-37.
109229	Pinto WB, Farias IB, Badia BM, et al (2021). Cervical spondylotic myelopathy secondary to ochronotic vertebral arthropathy. Neurology, 96(13): 627-8.

71439	Pippig T, Kriebel J (2000). Prevalence of cervical and lumbar disc disorders in pilots of the German armed forces. Eur J Med Res, 5(1): 5-8.
85922	Plamondon A, Lariviere C, Denis D, et al (2017). Difference between male and female workers lifting the same relative load when palletizing boxes. Appl Ergon, 60: 93-102.
70889	Poddubnyy D (2013). Axial spondyloarthritis: is there a treatment of choice? Ther Adv Musculoskelet Dis, 5(1): 45-54.
70477	Poddubnyy D, Haibel H, Listing J, et al (2013). Cigarette smoking has a dose-dependent impact on progression of structural damage in the spine in patients with axial spondyloarthritis: results from the GErman SPondyloarthritis Inception Cohort (GESPIC). Ann Rheum Dis, 72(8): 1430-2.
64520	Poddubnyy D, Haibel H, Listing J, et al (2012). Baseline radiographic damage, elevated acute-phase reactant levels, and cigarette smoking status predict spinal radiographic progression in early axial spondylarthritis. Arthritis Rheum, 64(5): 1388-98.
70476	Poddubnyy D, Sieper J (2012). Radiographic progression in ankylosing spondylitis/axial spondyloarthritis: how fast and how clinically meaningful? Curr Opin Rheumatol, 24(4): 363-9.
23218	Pollak L, Schiffer J, Klein C, et al (1998). Neurosurgical intervention for cervical disk disease in dystonic cerebral palsy. Mov Disord, 13(4): 713-7.
5517	Pope MH, Bevins T, Wilder DG, et al (1985). The relationship between anthropometric, postural, muscular and mobility characteristics of males ages 18-55. Spine (Phila Pa 1976), 10(7): 644-8.
23284	Porter SE, Hanley EN (2001). The musculoskeletal effects of smoking. J Am Acad Orthop Surg, 9(1): 9-17.
109230	Posch M, Schranz A, Lener M, et al (2019). Prevalence and potential risk factors of flight-related neck, shoulder and low back pain among helicopter pilots and crewmembers: a questionnaire-based study. BMC Musculoskelet Disord, 20(1): 44.
109985	Puntumetakul R, Chatprem T, Saiklang P, et al (2022). Prevalence and associated factors of clinical myelopathy signs in smartphone-using university students with neck pain. Int J Environ Res Public Health, 19(8): 4890.
70121	Pytel P, Wollmann RL, Fessler RG, et al (2006). Degenerative spine disease: pathologic findings in 985 surgical specimens. Am J Clin Pathol, 125(2): 193-202.
70122	Quemeneur AS, Trocello JM, Ea HK, et al (2011). Miscellaneous non-inflammatory musculoskeletal conditions. Musculoskeletal conditions associated with Wilson's disease. Best Pract Res Clin Rheumatol, 25(5): 627-36.
5520	Radin EL, Paul IL, Rose RM (1972). Role of mechanical factors in pathogenesis of primary osteoarthritis. Lancet, 1(7749): 519-22.
5523	Radin EL, Rose RM (1986). Role of subchondral bone in the initiation and progression of cartilage damage. Clin Orthop Relat Res, 213: 34-40.
5522	Radin EL, Swann DA, Paul IL, et al (1982). Factors influencing articular cartilage wear in vitro. Arthritis Rheum, 25(8): 974-80.
51195	Ralston SH, Langston AL, Reid IR (2008). Pathogenesis and management of Paget's disease of bone. Lancet, 372(9633): 155-63.
71018	Rana SS (2013). Diagnosis and management of cervical spondylosis clinical presentation. Retrieved 25 February 2014, from http://emedicine.medscape.com/article/1144952-clinical#showall
71370	Rao RD, Currier BL, Albert TJ, et al (2007). Degenerative cervical spondylosis: clinical syndromes, pathogenesis and management. J Bone Joint Surg, 89(6): 1360-78.

22061	Rate WR, Butler MS, Robertson WW, et al (1991). Late orthopedic effects in children with Wilm's tumor treated with abdominal irradiation. Med Pediatr Oncol, 19(4): 265-8.
71565	Reaume J (2012). Cervical total disc replacement in a military helicopter and general aviation pilot: case report. Federal Air Surgeon's Medical Bulletin, 50(4): 11-12.
23219	Reddy DR, Prasad VS (1998). Alkaptonuria presenting as lumbar disc prolapse: case report and review of literature. Spinal Cord, 36(7): 523-4.
70123	Richette P, Bardin T, Doherty M (2009). An update on the epidemiology of calcium pyrophosphate dihydrate crystal deposition disease. Rheumatology (Oxford), 48(7): 711-5.
12922	Richter DE, Nash CL Jr, Moskowitz RW, et al (1985). Idiopathic adolescent scoliosis - a prototype of degenerative joint disease: the relation of biomechanic factors to osteophyte formation. Clin Orthop Relat Res, (193): 221-9.
70547	Riihimäki H, Viikari-Juntura E, Moneta G, et al (1994). Incidence of sciatic pain among men in machine operating, dynamic physical work, and sedentary work. A three-year follow-up. Spine (Phila Pa 1976), 19(2): 138-42.
13834	Riihimaki H, Wickstrom G, Hanninen K, et al (1989). Radiographically detectable lumbar degenerative changes as risk indicators of back pain. A cross-sectional epidemiologic study of concrete reinforcement workers and house painters. Scand J Work Environ Health, 15(4): 280-5.
13833	Riihimaki H, Wickstrom G, Hanninen K, et al (1989). Predictors of sciatic pain among concrete reinforcement workers and house painters - a five-year follow-up. Scand J Work Environ Health, 15(6): 415-23.
70545	Rivera JC, Wenke JC, Buckwalter JA, et al (2012). Posttraumatic osteoarthritis caused by battlefield injuries: the primary source of disability in warriors. J Am Acad Orthop Surg, 20(Suppl 1 (01)): S64-9.
23205	Robinson D, Mirovsky Y, Halperin N, et al (1998). Changes in proteoglycans of intervertebral disc in diabetic patients. Spine (Phila Pa 1976), 23(8): 849-55; discussion 856.
54063	Robson D, Welch E, Beeching NJ, et al (2009). Consequences of captivity: health effects of far east imprisonment in World War II. QJM, 102(2): 87-96.
70124	Roddy E, Doherty M (2012). Gout and osteoarthritis: a pathogenetic link? Joint Bone Spine, 79(5): 425-7.
70125	Roddy E, Zhang W, Doherty M (2007). Are joints affected by gout also affected by osteoarthritis? Ann Rheum Dis, 66(10): 1374-7.
109231	Rodriguez-Soto AE, Berry DB, Jaworski R, et al (2017). The effect of training on lumbar spine posture and intervertebral disc degeneration in active-duty Marines. Ergonomics, 60(8): 1055-63.
73067	Rodriguez-Soto AE, Jaworski R, Jensen A, et al (2013). Effect of load carriage on lumbar spine kinematics. Spine (Phila Pa 1976), 38(13): E783-91.
24373	Rohlmann A, Neller S, Bergmann G, et al (2001). Effect of an internal fixator and a bone graft on intersegmental spinal motion and intradiscal pressure in the adjacent regions. Eur Spine J, 10(4): 301-8.
49721	Rollin Stott JR, Eds. Ernsting J, Nicholson AN, Rainford DJ (1999). Vibration. Aviation Medicine, 3rd edition, Chapter 13: 177-91.
33719	Rom WN (Ed) (1998). Environmental and Occupational Medicine, Third Edition, Lippincott-Raven, Philadelphia.
109232	Romero AB, Johnson EP, Kirkpatrick JS (2021). Tophaceous gout of the atlantoaxial joint: a case report. J Med Case Rep, 15(1): 74.
109233	Rooks TF, Novotny BL, McGovern SM, et al (2021). Evaluation of head and body kinematics experienced during parachute opening shock. Mil Med, 186(11-12): e1149-56.

70195	Rosenbaum R (2013). Selected topics in neurology for the rheumatologist. JB Imboden, DB Hellmann, JH Stone (Eds). Current Diagnosis and Treatment: Rheumatology, 3rd Edition, Chapter 73. McGraw-Hill: New York.
23217	Rosenfeld M, Friedman JH (1999). Cervical stenosis and dystonic cerebral palsy. Mov Disord, 14(1): 194-5.
70132	Rosenthal AK (2007). Update in calcium deposition diseases. Curr Opin Rheumatol, 19(2): 158-62.
5526	Rossi F, Dragoni S (1990). Lumbar spondylolysis: occurrence in competitive athletes. Updated achievements in a series of 390 cases. J Sports Med Phys Fitness, 30(4): 450-2.
12931	Rowe KW, Brooks CJ (1984). Head and neck injuries in Canadian forces ejections. Aviat Space Environ Med, 55(4): 313-5.
12298	Rowe ML (1969). Low back pain in industry: a position paper. J Occup Med, 11(4): 161-9.
47673	Ryan J, Sutton K, Baigent M (1996). Australasian Radiology: A History, 304, 487-93. McGraw Hill, Sydney.
109227	Rydman E, Kasina P, Ponzer S, et al (2019). Association between cervical degeneration and self-perceived nonrecovery after whiplash injury. Spine J, 19(12): 1986-94.
109236	Sahin T, Batin S (2020). A descriptive study of orthopaedic injuries due to parachute jumping in soldiers. BMC Emerg Med, 20(1): 58.
1537	Sairanen E, Brushaber L, Kaskinen M (1981). Felling work, low-back pain and osteoarthritis. Scand J Work Environ Health, 7(1): 18-30.
71079	Saleem S, Aslam HM, Rehmani AK, et al (2013). Lumbar disc degenerative disease: disc degeneration symptoms and magnetic resonance image findings. Asian Spine J, 7(4): 322-34.
1289	Samanta A, Jones A, Regan M, et al (1993). Is osteoarthritis in women affected by hormonal changes or smoking? Br J Rheumatol, 32(5): 366-70.
109986	Samartzis D, Bow C, Karppinen J, et al (2014). Hypertension is independently associated with lumbar disc degeneration: a large-scale population-based study. Global Spine Journal, 4(1 Suppl).
70546	Samartzis D, Karppinen J, Chan D, et al (2012). The association of lumbar intervertebral disc degeneration on magnetic resonance imaging with body mass index in overweight and obese adults: a population-based study. Arthritis Rheum, 64(5): 1488-96.
23227	Sambrook PN, MacGregor AJ, Spector TD (1999). Genetic influences on cervical and lumbar disc degeneration. A magnetic resonance imaging study in twins. Arthritis Rheum, 42(2): 366-72.
5521	Sapolsky AI, Altman RD, Woessner JF, et al (1973). The action of cathepsin D in human articular cartilage on proteoglycans. J Clin Invest, 52(3): 624-33.
34345	Sarzi-Puttini P, Atzeni F (2004). New developments in our understanding of DISH (diffuse idiopathic skeletal hyperostosis). Curr Opin Rheumatol, 16(3): 287-92.
12916	Sato H, Kikuchi S (1993). The natural history of radiographic instability of the lumbar spine. Spine (Phila Pa 1976), 18(4): 2075-9.
47313	Sausville E, Longo D (2001). Principles of radiation therapy. Harrison's 15th Edition, Principles of Internal Medicine, 6(1): 532-3.
70887	Scarpa R, De Brasi D, Pivonello R, et al (2004). Acromegalic axial arthropathy: a clinical case-control study. J Clin Endocrinol Metab, 89(2): 598-603.
22187	Scheibel-Jost P, Pfeil J, Niethard FU, et al (1991). Spinal growth after irradiation for Wilm's tumour. Int Orthop, 15(4): 387-91.

12209	Scherak O, Shohoumi M, Stanek D, et al (1990). [Comment] Diffuse idiopathic skeletal hyperostosis (DISH) of the spine: a risk factor after hip joint replacement. Br J Rheumatol, 29(1): 75.
70126	Schett G (2009). Bone formation versus bone resorption in ankylosing spondylitis. C Lopez-Larrea, R Diaz-Pena (Eds). Molecular Mechanisms of Spondyloarthropathies, Chapter 8: 114-21.
109165	Schistad EI, Bjorland S, Roe C, et al (2019). Five-year development of lumbar disc degeneration-a prospective study. Skeletal Radiol, 48(6): 871-9.
70886	Schmidt RF, Goldstein IM, Liu JK (2013). Ossified ligamentum flavum causing spinal cord compression in a patient with acromegaly. J Clin Neurosci, 20(11): 1599-603.
13007	Schulte-Wintrop HC, Knoche H (1978). Backache in UH-ID helicopter crews. AGARD Operational Helicopter Aviation Medicine: 19-1 - 12. German Air Force. Porz-Wahn.
69568	Schumacher HR, Chen XL (2008). Gout and other crystal-associated arthropathies. Harrison's Principles of Internal Medicine, 17th Edition, Chapter 19. McGraw-Hill: New York.
70881	Schumann B, Bolm-Audorff U, Bergmann A, et al (2010). Lifestyle factors and lumbar disc disease: results of a German multi-center case-control study (EPILIFT). Arthritis Res Ther, 12(5): R193.
85297	Seay JF (2015). Biomechanics of load carriage--historical perspectives and recent insights. J Strength Cond Res, 29(11): S129-33.
23367	Seichi A, Takeshita K, Ohishi I, et al (2001). Long-term results of double-door laminoplasty for cervical stenotic myelopathy. Spine (Phila Pa 1976), 26(5): 479-87.
70544	Seidler A, Bergmann A, Jager M, et al (2009). Cumulative occupational lumbar load and lumbar disc disease--results of a German multi-center case-control study (EPILIFT). BMC Musculoskelet Disord, 10: 48-51.
24299	Seidler A, Bolm-Audorff U, Heiskel H, et al (2001). The role of cumulative physical work load in lumbar spine disease: risk factors for lumbar osteochondrosis and spondylosis associated with chronic complaints. Occup Environ Med, 58(11): 735-46.
33236	Seidler A, Bolm-Audorff U, Siol T, et al (2003). Occupational risk factors for symptomatic lumbar disc herniation; a case-control study. Int J Occup Med Environ Health, 60(11): 821-30.
71368	Seidler A, Euler U, Bolm-Audorff U, et al (2011). Physical workload and accelerated occurrence of lumbar spine diseases: risk and rate advancement periods in a German multicenter case-control study. Scand J Work Environ Health, 37(1): 30-6.
109235	Senker W, Aspalter S, Radl C, et al (2022). Frequency and characteristics of bacterial and viral low-grade infections of the intervertebral discs: a prospective, observational study. J Orthop Traumatol, 23(1): 15.
71015	Sethi S, Siraj F, Kalra K, et al (2012). Aspergillus vertebral osteomyelitis in immunocompetent patients. Indian J Orthop, 46(2): 246-50.
70879	Seton M (2013). Clinical manifestations and diagnosis of Paget disease of bone. Retrieved 10 February 2014, from http://www.uptodate.com/contents/clinical-manifestations-and-diagnosis-of-paget-disease-of-bone
70543	Sexton DJ, McDonald M (2013). Vertebral osteomyelitis and discitis. Retrieved 23 December 2013, from http://www.uptodate.com/contents/vertebral-osteomyelitis-and-discitis
55061	Shanahan DF, Reading TE (1984). Helicopter pilot back pain: a preliminary study. Aviat Space Environ Med, 55(2): 117-21.
70542	Sharff KA, Richards EP, Townes JM (2013). Clinical management of septic arthritis. Curr Rheumatol Rep, 15(6): 332.

48597	Sharma L (2007). Lifestyles, flying and associated health problems in flight attendants. J R Soc Promot Health, 127(6): 268-75.
49832	Sheard SC, Pethybridge RJ, Wright JM, et al (1996). Back pain in aircrew - an initial survey. Aviat Space Environ Med, 67(5): 474-7.
70127	Shedid D, Benzel EC (2007). Cervical spondylosis anatomy: pathophysiology and biomechanics. Neurosurgery, 60(1 Suppl 1): S7-13.
76615	Shiri R, Frilander H, Sainio M, et al (2015). Cervical and lumbar pain and radiological degeneration among fighter pilots: a systematic review and meta-analysis. Occup Environ Med, 72(2): 145-50.
71021	Shiri R, Karppinen J, Leino-Arjas P, et al (2010). The association between smoking and low back pain: a meta-analysis. Am J Med, 123(1): 87.e7-35.
109234	Sikalengo G, Ramirez A, Faini D, et al (2016). Tuberculous spondylitis diagnosed through Xpert MTB/RIF assay in urine: a case report. BMC Infect Dis, 16(1): 514.
55064	Simon-Arndt CM, Yuan H, Hourani LL (1997). Aircraft type and diagnosed back disorders in U.S. navy pilots and aircrew. Aviat Space Environ Med, 68(11): 1012-8.
12196	Sims JA, Moorman SJ (1996). The role of the iliolumbar ligament in low back pain. Med Hypotheses, 46(6): 511-15.
85925	Sizer PS, James CR (2014). Considerations of sex differences in musculoskeletal anatomy. The Active Female: Health Issues Throughout the Lifespan, 2nd, 47-51. Humana Press, New York.
22058	Smith R, Davidson JK, Flatman GE (1982). Skeletal effects of orthovoltage and megavoltage therapy following treatment of nephroblastoma. Clin Radiol, 33(6): 601-13.
48596	Smith SD (2006). Seat vibration in military propeller aircraft: characterization, exposure assessment, and mitigation. Aviat Space Environ Med, 77(1): 32-40.
108146	Smith SS, Stewart ME, Davies BM, et al (2021). The prevalence of asymptomatic and symptomatic spinal cord compression on magnetic resonance imaging: a systematic review and meta-analysis. Global Spine J, 11(4): 597-607.
12299	Soini J, Antti-Poika I, Tallroth K, et al (1991). Disc degeneration and angular movement of the lumbar spine: comparative study using plain and flexion-extension radiography and discography. J Spinal Disord, 4(2): 183-7.
13069	Sortland O, Tysvaer AT, Storli OV (1982). Changes in the cervical spine in association football players. Br J Sports Med, 16(2): 80-4.
52896	Sovelius R, Salonen O, Lamminen A, et al (2008). Spinal MRI in fighter pilots and controls: a 13-year longitudinal study. Aviat Space Environ Med, 79(7): 685-8.
47312	Spear RC, Keller C, Behrens V, et al (1976). Morbidity patterns among heavy equipment. Operators exposed to whole-body vibration - 1975. Follow up to a 1974 Study. US Department of Health, Education, and Welfare.
13170	Spear RC, Keller CA, Milby TM (1976). Morbidity studies of workers exposed to whole body vibration. Arch Environ Health, 31(3): 141-5.
109173	Steelman T, Lewandowski L, Helgeson M, et al (2018). Population-based risk factors for the development of degenerative disk disease. Clin Spine Surg, 31(8): E409-12.
12977	Stellman SD, Stellman JM, Sommer JF Jr (1988). Health and reproductive outcomes among American legionnaires in relation to combat and herbicide exposure in Vietnam. Environ Res, 47(2): 150-74.
12924	Stoddard A, Osborn JF (1979). Scheuermann's Disease or spinal osteochondrosis: its frequency and relationship with spondylosis. J Bone Joint Surg Br, 61B(1): 56-8.

70541	Sudol-Szopinska I, Urbanik A (2013). Diagnostic imaging of sacroiliac joints and the spine in the course of spondyloarthropathies. Pol J Radiol, 78(2): 43-9.
109237	Sun Z, Zheng X, Li S, et al (2022). Single impact injury of vertebral endplates without structural disruption, initiates disc degeneration through Piezo1 mediated inflammation and metabolism dysfunction. Spine (Phila Pa 1976), 47(5): E203-13.
71566	Suri P, Hunter DJ, Rainville J, et al (2012). Quantitative assessment of abdominal aortic calcification and associations with lumbar intervertebral disc height loss: the Framingham Study. Spine J, 12(4): 315-23.
71567	Suri P, Katz JN, Rainville J, et al (2010). Vascular disease is associated with facet joint osteoarthritis. Osteoarthritis Cartilage, 18(9): 1127-32.
23488	Sward L, Hellstrom M, Jacobsson B, et al (1991). Disc degeneration and associated abnormalities of the spine in elite gymnasts. A magnetic resonance imaging study. Spine (Phila Pa 1976), 16(4): 437-43.
23622	Symmons DP, van Hermert AM, Vandenbroucke JP, et al (1991). A longitudinal study of back pain and radiological changes in the lumbar spines of middle aged women, 11: radiographic findings. Ann Rheum Dis, 50(3): 162-6.
71017	Takatalo J, Karppinen J, Taimela S, et al (2013). Body mass index is associated with lumbar disc degeneration in young Finnish males: subsample of Northern Finland birth cohort study 1986. BMC Musculoskelet Disord, 14: 87-97.
109239	Takegami N, Akeda K, Murata K, et al (2020). Association between non-traumatic vertebral fractures and adjacent discs degeneration: a cross-sectional study and literature review. BMC Musculoskelet Disord, 21(1): 781.
52586	Taneja N (2008). Spinal disabilities in military and civil aviators. Spine (Phila Pa 1976), 33(25): 2749-53.
52897	Taneja N, Pinto LJ (2005). Diagnostic categories among 232 military aircrew with musculoskeletal disabilities. Aviat Space Environ Med, 76(6): 581-5.
70540	Teraguchi M, Yoshimura N, Hashizume H, et al (2014). Prevalence and distribution of intervertebral disc degeneration over the entire spine in a population-based cohort: the Wakayama Spine Study. Osteoarthritis Cartilage, 22(1): 104-10.
109238	Teraguchi M, Yoshimura N, Hashizume H, et al (2017). Progression, incidence, and risk factors for intervertebral disc degeneration in a longitudinal population-based cohort: the Wakayama Spine Study. Osteoarthritis Cartilage, 25(7): 1122-31.
109240	Teraguchi M, Yoshimura N, Hashizume H, et al (2016). Metabolic syndrome components are associated with intervertebral disc degeneration: the Wakayama Spine Study. PLoS One, 11(2): e0147565.
24478	Teschke K, Nicol AM, Davies H, et al (1999). Whole Body Vibration and Back Disorders among Motor Vehicle Drivers and Heavy Equipment Operators: A Review of the Scientific Evidence.
49829	Thakkar D (2008). Helicopter vibration reduction using single crystal and soft piezoceramic shear induced active blade twist. Retrieved 29 September 2008, from www.aero.iisc.ernet.in/dipali/synopsis.htm
54584	The European Parliament and the Council of the European Union (2002). Minimum health and safety requirements regarding the exposure of workers to the risks arising from physical agents (vibration). Official Journal of the European Communities, 6.7.2002: L177/13-9.
109976	Theodore N (2020). Degenerative cervical spondylosis. N Engl J Med, 383(2): 159-68. N Engl J Med, 383(2): 159-68.

75096	Thiede M, Liebers F, Seidler A, et al (2014). Gender specific analysis of occupational diseases of the low back caused by carrying, lifting or extreme trunk flexion--use of a prevention index to identify occupations with high prevention needs. Am J Ind Med, 57(2): 233-44.
55062	Thomae MK, Porteous JE, Brock JR, et al (1998). Back pain in Australian military helicopter pilots: a preliminary study. Aviat Space Environ Med, 69(5): 468-73.
71568	Tian W, Qi H (2010). Association between intervertebral disc degeneration and disturbances of blood supply to the vertebrae. Chin Med J, 123(2): 239-43.
12258	Tichauer ER (1978). The Biomechanical Basis of Ergonomics. Anatomy Applied to the Design of Work Situations, 16-31. John Wiley & Sons, New York.
13006	Tkach S (1970). Gouty arthritis of the spine. Clin Orthop Relat Res, 71: 81-6.
12197	Toma S, Shiozawa Z (1995). Amyotrophic cervical myelopathy in adolescence. J Neurol Neurosurg Psychiatry, 58(1): 56-64.
12919	Tomlinson JP, Lednar WM, Jackson JD (1987). Risk of injury in soldiers. Mil Med, 152(2): 60-4.
109175	Toprover M, Krasnokutsky S, Pillinger MH (2015). Gout in the spine: imaging, diagnosis, and outcomes. Curr Rheumatol Rep, 17(12): 70.
23484	Troup JD (1965). Relation of lumbar spine disorders to heavy manual work and lifting. Lancet, 1(7390): 857-61.
70196	Truumees E, Herkowitz HN (2000). Cervical spondylotic myelopathy and radiculopathy. CT Price (Ed). American Academy of Orthopaedic Surgeons Instructional Course Lectures, Chapter 32: 339-60. American Academy of Orthopaedic Surgeons: Orlando, FA.
109977	Tseng MD (2022). Spinal stenosis. Retrieved 11 August 2022, from https://bestpractice.bmj.com/topics/en-gb/191
109241	Turaga S, Thomas M, Savy L, et al (2019). Pseudogout or pseudolymphoma? Calcium pyrophosphate deposition disease of the cervical spine: a rare presentation and literature review. BMJ Case Rep, 12(12): e231508.
21788	United Nations Scientific Committee on the Effects of Atomic Radiation (2000). Sources and effects of ionizing radiation. UNSCEAR 2000 Report to the General Assembly, with Scientific Annexes, Vol 2 - Effects. United Nations. New York.
21787	United Nations Scientific Committee on the Effects of Atomic Radiation (UNSCEAR) (2000). Sources and effects of ionizing radiation. Report to the General Assembly, Vol 1. United Nations Publication.
109243	Vakilzadeh MM, Saghebdoust S, Abbasi B, et al (2022). Neglected alkaptonuric patient presented with low back pain and radiculopathy: A case report. Surg Neurol Int, 13: 15.
49831	Valenti M, Prosperini V, Falzano P, et al (2004). [Vibration, back pain and physical exercise in high-risk professionals: a cross-sectional study]. G Ital Med Lav Ergon, 26(3): 180-2 [Article in Italian]. [Abstract]
71080	van den Oord MH, De Loose V, Meeuwsen T, et al (2010). Neck pain in military helicopter pilots: prevalence and associated factors. Mil Med, 175(1): 55-60.
23777	Van Horn JR, Bohnen LM (1992). The development of discopathy in lumbar discs adjacent to a lumbar anterior interbody spondylodesis. A retrospective matched pair study with a post-operative follow up of 16 years. Acta Orthop Belg, 58(3): 280-6.
23648	van Saase JL, Vandenbroucke JP, van Romunde LJ, et al (1988). Osteoarthritis and obesity in the general population. A relationship calling for an explanation. J Rheumatol, 15(7): 1152-8.

70128	VanItallie TB (2010). Gout: epitome of painful arthritis. Metabolism, 59(Suppl 1): S32-6.
1292	Venn AJ, Guest CS (1991). Chronic morbidity of former prisoners of war and other Australian veterans. Med J Aust, 155(10): 705-7, 710-2.
71572	Verlaan JJ, Dhert WJ, Oner FC (2013). Intervertebral disc viability after burst fractures of the thoracic and lumbar spine treated with pedicle screw fixation and direct end-plate restoration. Spine J, 13(3): 217-21.
23220	Videman T, Battie MC (1999). The influence of occupation on lumbar degeneration. Spine (Phila Pa 1976), 24(11): 1164-8.
23187	Videman T, Battie MC, Gibbons LE, et al (2000). Disc degeneration and bone density in monozygotic twins discordant for insulin-dependent diabetes mellitus. J Orthop Res, 18(5): 768-72.
23203	Videman T, Leppavuori J, Kaprio J, et al (1998). Intragenic polymorphisms of the vitamin D receptor gene associated with intervertebral disc degeneration. Spine (Phila Pa 1976), 23(23): 2477-85.
48478	Videman T, Levalahti E, Battie MC (2007). The effects of anthropometrics, lifting strength, and physical activities in disc degeneration. Spine (Phila Pa 1976), 32(13): 1406-13.
13778	Videman T, Nurminen M, Troup JD (1990). 1990 Volvo Award in clinical sciences. Lumbar spinal pathology in cadaveric material in relation to history of back pain, occupation, and physical loading. Spine (Phila Pa 1976), 15(8): 728-40.
23490	Videman T, Sarna S, Battie MC, et al (1995). The long-term effects of physical loading and exercise lifestyles on back-related symptoms, disability, and spinal pathology among men. Spine (Phila Pa 1976), 20(6): 699-709.
23189	Videman T, Simonen R, Usenius JP, et al (2000). The long-term effects of rally driving on spinal pathology. Clin Biomech (Bristol, Avon), 15(2): 83-6.
71378	Videman T,Battie MC, Parent E, et al (2008). Progression and determinants of quantitative magnetic resonance imaging measures of lumbar disc degeneration: a five-year follow-up of adult male monozygotic twins. Spine (Phila Pa 1976), 33(13): 1484-90.
23192	Vijaikumar M, Thappa DM, Srikanth S, et al (2000). Alkaptonuric ochronosis presenting as palmoplantar pigmentation. Clin Exp Dermatol, 25(4): 305-7.
71016	Vinas FC (2013). Spinal Infections Treatment & Management. Retrieved 25 February 2014, from http://emedicine.medscape.com/article/1266702-treatment#showall
70539	Vincent HK, Heywood K, Connelly J, et al (2012). Obesity and weight loss in the treatment and prevention of osteoarthritis. PM R, 4(5 Suppl): S59-67.
109242	Violante FS, Zompatori M, Lovreglio P, et al (2019). Is age more than manual material handling associated with lumbar vertebral body and disc changes? A cross-sectional multicentre MRI study. BMJ Open, 9(9): e029657.
71561	Vives MJ (2011). Rheumatoid arthritis of the cervical spine. Overview of Rheumatoid Spondylitis. Retrieved 26 May 2014, from http://emedicine.medscape.com/article/1266195-overview#showall
70883	Vo N, Niedernhofer LJ, Nasto LA, et al (2013). An overview of underlying causes and animal models for the study of age-related degenerative disorders of the spine and synovial joints. J Orthop Res, 31(6): 831-7.
48091	Waddell G (1998). Risk factors for low back pain. The Back Pain Revolution, 85-101. Elsevier Saunders, Philadelphia.
71022	Wahlstrom J, Burstrom L, Nilsson T, et al (2012). Risk factors for hospitalization due to lumbar disc disease. Spine (Phila Pa 1976), 37(15): 1334-9.

109171	Wallace JB, Newman PM, McGarvey A, et al (2021). Factors associated with neck pain in fighter aircrew: a systematic review and meta-analysis. Occup Environ Med, 78(12): 900-12.
109987	Wan SA, Teh CL, Jobli AT, et al (2019). A rare cause of back pain and radiculopathy - spinal tophi: a case report. J Med Case Rep, 13(1): 8. J Med Case Rep, 13(1): 8.
109247	Wang H, Lin F, Liang G, et al (2021). Thoracic degenerative spondylolisthesis-associated myelopathy: A case report. Medicine (Baltimore), 100(21): e26150.
23198	Wang PN, Chen SS, Liu HC, et al (1999). Ossification of the posterior longitudinal ligament of the spine. A case-control risk factor study. Spine (Phila Pa 1976), 24(2): 142-4; discussion 145.
109246	Wang T, Ding W (2020). Risk factors for adjacent segment degeneration after posterior lumbar fusion surgery in treatment for degenerative lumbar disorders: a meta-analysis. J Orthop Surg Res, 15(1): 582.
48449	Ward MW (1999). Orthopaedics. Aviation Medicine, 3rd Edition, Chapter 26: 358-63. Butterworth Heinemann, Oxford.
71571	Waris E, Eskelin M, Hermunen H, et al (2007). Disc degeneration in low back pain: a 17-year follow-up study using magnetic resonance imaging. Spine (Phila Pa 1976), 32(6): 681-4.
13067	Washington EL (1978). Musculoskeletal injuries in theatrical dancers: site, frequency, and severity. Am J Sports Med, 6(2): 75-98.
53781	Wassenaar MJ, Biermasz NR, van Duinen N, et al (2009). High prevalence of arthropathy, according to the definitions of radiological and clinical osteoarthritis, in patients with long-term cure of acromegaly: a case-control study. Eur J Endocrinol, 160(3): 357-65.
109223	Watanabe K, Daimon K, Fujiwara H, et al (2021). The long-term impact of whiplash injuries on patient symptoms and the associated degenerative changes detected using MRI: a prospective 20-year follow-up study comparing patients with whiplash-associated disorders with asymptomatic subjects. Spine (Phila Pa 1976), 46(11): 710-6.
5516	Weber H (1983). Lumbar disc herniation. A controlled, prospective study with ten years of observation. Spine (Phila Pa 1976), 8(2): 131-40.
109248	Weber MH, Hong CH, Schairer WW, et al (2014). The concomitance of cervical spondylosis and adult thoracolumbar spinal deformity. Evid Based Spine Care J, 5(1): 6-11.
109249	Wei X, Gengwu L, Chao C, et al (2018). Correlations between the sagittal plane parameters of the spine and pelvis and lumbar disc degeneration. J Orthop Surg Res, 13(1): 137.
5519	Weissmann G (1972). Lysosomal mechanisms of tissue injury in Arthritis. N Engl J Med, 286(3): 141-6.
5518	Weissmann G, Smolen JE, Korchak HM (1980). Release of inflammatory mediators from stimulated neutrophils. N Engl J Med, 303(1): 27-34.
70538	Wendling D, Prati C (2013). Spondyloarthritis and smoking: towards a new insight into the disease. Expert Rev Clin Immunol, 9(6): 511-6.
109172	Westman A, Bjornstig U (2007). Injuries in Swedish skydiving. Br J Sports Med, 41(6): 356-64.
1506	White JA, Wright V, Hudson AM (1993). Relationships between habitual physical activity and osteoarthrosis in ageing women. Public Health, 107(6): 459-70.
34753	Wilder FV, Hall BJ, Barrett JP (2003). Smoking and osteoarthritis: Is there an association? The Clearwater Osteoarthritis Study. Osteoarthritis Cartilage, 11(1): 29-35.
109250	Williams V, Ying S, Stahlman S (2021). Update: Osteoarthritis and spondylosis, active component, U.S. Armed Forces, 2016-2020. MSMR, 28(12): 2-13.

109245	Wilson DJ, de Abreu M (2021). Spine degeneration and inflammation. Musculoskeletal Diseases 2021-2024, Chapter 14: 197-213. Springer, Cham.
55063	Winfield DA (1999). Aircrew lumbar supports: an update. Aviat Space Environ Med, 70(4): 321-4.
47314	Wise C (1999). Osteoarthritis. Scientific American Medicine, 10,15, 3: 1-9.
71372	Wise C (2014). Osteoarthritis. Scientific American Medicine, Chapter 15, Section X. Decker Intellectual Properties, Philidelphia.
108144	Witiw CD, Mathieu F, Nouri A, et al (2018). Clinico-radiographic discordance: an evidence-based commentary on the management of degenerative cervical spinal cord compression in the absence of symptoms or with only mild symptoms of myelopathy. Global Spine J, 8(5): 527-34.
47901	Woolfson T (2007). Synopsis of causation. Spondylosis. Service Personnel & Veterans Agency. Retrieved 28 April 2008, from http://www.veterans-uk.info/pdfs/synopsis/spondylosis.pdf
85630	WorkCover QLD (2017). Musculoskeletal disorders FAQs. Retrieved 1 March 2018, from https://www.worksafe.qld.gov.au/injury-prevention-safety/hazardous-manual-tasks/musculoskeletal-disorders-faqs
85633	Workers Health & Safety Centre (????). Manual material lifting: a pain in the neck, back. Retrieved 1 March 2018, from https://www.whsc.on.ca/Files/Resources/Hazard-Resource-Lines/Manual-Material-Lifting-WHSC-Resource-Line.aspx
109169	Wu J, Liu YY, Jin HJ, et al (2022). Fate of the intervertebral disc and analysis of its risk factors following high-energy traumatic thoracic and lumbar fractures: MRI results of minimum five years after injury. Eur Spine J, 31(6): 1468-78.
109251	Xiao L, Ni C, Shi J, et al (2017). Analysis of correlation between vertebral endplate change and lumbar disc degeneration. Med Sci Monit, 23: 4932-8.
78803	Yamada K, Suzuki A, Takahashi S, et al (2014). MRI evaluation of lumbar endplate and facet erosion in rheumatoid arthritis. J Spinal Disord Tech, 27(4): E128-35.
23229	Yamada Y, Okuizumi H, Miyauchi A, et al (2000). Association of transforming growth factor alfa1 genotype with spinal osteophytosis in Japanese women. Arthritis Rheum, 43(2): 452-60.
109252	Yeung KH, Man GC, Deng M, et al (2022). Morphological changes of intervertebral disc detectable by T2-weighted MRI and its correlation with curve severity in adolescent idiopathic scoliosis. BMC Musculoskelet Disord, 23(1): 655.
85778	Yoon JG (2013). The correlation between the muscle activity and joint angle of the lower extremity according to the changes in stance width during a lifting task. J Phys Ther Sci, 25(8): 1023-5.
20610	Yoshimura N, Dennison E, Wilman C, et al (2000). Epidemiology of chronic disc degeneration and osteoarthritis of the lumbar spine in Britain and Japan: A comparative study. J Rheumatol, 27(2): 429-33.
20609	Yoshimura N, Sasako S, Iwasaki K, et al (2000). Occupational lifting is associated with hip osteoarthritis: a Japanese case-control study. J Rheumatol, 27(2): 434-40.
24346	Young WF (2000). Cervical spondylotic myelopathy: a common cause of spinal cord dysfunction in older persons. Am Fam Physician, 62(5): 1064-70, 1073.
23285	Young WF, Weaver M, Mishra B (1999). Surgical outcome in patients with coexisting multiple sclerosis and spondylosis. Acta Neurol Scand, 100(2): 84-7.

109253	Yu DT, van Tubergen A (2022). Overview of the clinical manifestations and classification of spondyloarthritis. Retrieved 10 November 2022, from https://www.uptodate.com/contents/overview-of-the-clinical-manifestations-and-classification-of-spondyloarthritis
23369	Zaveri GR, Ford M (2001). Cervical spondylosis: the role of anterior instrumentation after decompression and fusion. J Spinal Disord, 14(1): 10-6.
109254	Zehra U, Cheung JP, Bow C, et al (2019). Multidimensional vertebral endplate defects are associated with disc degeneration, modic changes, facet joint abnormalities, and pain. J Orthop Res, 37(5): 1080-9.
33238	Zejda JE, Stasiow B (2003). Cervical spine degenerative changes (narrowed intervertebral disc spaces and osteophytes) in coal miners. Int J Occup Med Environ Health, 16(1): 49-53.
55113	Zeng QY, Chen R, Darmawan J, et al (2008). Rheumatic diseases in China. Arthritis Res Ther, 10(1): R17.
13323	Zerlett G, fur Arbeitsmedizin A, Medizin I (1986). Relationship between whole-body vibration and disorders of the backbone diagnosed on operators of earth-moving machinery. AGARD Conference Proceedings No. 378, 2-1 - 2-5.
51397	Zhang Y, Jordan JM (2008). Epidemiology of osteoarthritis. Rheum Dis Clin North Am, 34(3): 515-29.
52952	Zhang Y, Sun Z, Liu J, et al (2008). Advances in susceptibility genetics of intervertebral degenerative disc disease. Int J Biol Sci, 4(5): 283-90.
70129	Zhao BH, Chen BC, Shao de C, et al (2009). Osteoarthritis? Ochronotic arthritis! A case study and review of the literature. Knee Surg Sports Traumatol Arthrosc, 17(7): 778-81.
109255	Zhou S, Xiao Y, Liu X, et al (2019). Gout involved the cervical disc and adjacent vertebral endplates misdiagnosed infectious spondylodiscitis on imaging: case report and literature review. BMC Musculoskelet Disord, 20(1): 425.
109978	Zhuang L, Wang L, Xu D, et al (2021). Association between excessive smartphone use and cervical disc degeneration in young patients suffering from chronic neck pain. J Orthop Sci, 26(1): 110-5.
109256	Zileli M, Crostelli M, Grimaldi M, et al (2020). Natural course and diagnosis of lumbar spinal stenosis: WFNS Spine Committee recommendations. World Neurosurg X, 7: 100073.