

References

S-9004

1. American Academy of Orthopaedic Surgeons (AAOS). Position statement: The effects of tobacco exposure on the musculoskeletal system. © 1995-2011 AAOS. Accessed May 2, 2019. Available at URL address: <https://www.aaos.org/search/?srchtext=tobacco+exposure+>
2. American Academy of Orthopedic Surgeons (AAOS). Surgery and smoking. July 2007. Accessed May 2, 2019. Available at URL address: <http://orthoinfo.aaos.org/topic.cfm?topic=A00262>
3. American Association of Neurological Surgeons. Neck Pain, Accessed May 2, 2019. Available At URL address: <http://www.aans.org/en/Patient%20Information/Conditions%20and%20Treatments.aspx>
4. Bambakidis NC, Feiz-Erfan I, Klopfenstein JD, Sonntag VK. Indications for surgical fusion of the cervical and lumbar motion segment. Spine (Phila Pa 1976). 2005 Aug 15;30(16 Suppl):S2-6.
5. Bono CM, Ghiselli G, Gilbert TJ, Kreiner DS, Reitman C, Summers JT, Baisden JL, Easa J, Fernand R, Lamer T, Matz PG, Mazanec DJ, Resnick DK, Shaffer WO, Sharma AK, Timmons RB, Toton JF; North American Spine Society. An evidence-based clinical guideline for the diagnosis and treatment of cervical radiculopathy from degenerative disorders. Spine J. 2011 Jan;11(1):64-72.
6. Brown CW, Orme TJ, Richardson HD. The rate of pseudoarthrosis (surgical nonunion) in patients who are smokers and patients who are nonsmokers: a comparison study. Spine (Phila Pa 1976). 1986 Nov;11(9):942-3.
7. Burneikiene S, Nelson EL, Mason A, Rajpal S, Villavicencio AT. The duration of symptoms and clinical outcomes in patients undergoing anterior cervical discectomy and fusion for degenerative disc disease and radiculopathy. Spine J. 2015 Mar 1;15(3):427-32.
8. Camillo Francis X. Degenerative Disorders of the Cervical Spine. In: Campbell's Operative Orthopaedics, Chapter 38. 1610-1643, e4. Thirteenth edition, Copyright © 2017 by Elsevier, Inc.
9. Centers for Disease Control and Prevention (CDC). National Biomonitoring Program. Cotinine CAS No. 486-56-6. Updated 2016. Accessed May 8, 2019. Available at URL address: <https://cdc.gov>
10. Chau AM1, Mobbs RJ. Bone graft substitutes in anterior cervical discectomy and fusion. Eur Spine J. 2009 Apr;18(4):449-64.

11. Cheng L, McCormack B, Eyster EF. Posterior cervical fusion utilizing cages placed bilaterally in the facets for the treatment of the upper cervical adjacent segment disease in the elderly. *J Clin Neurosci*. 2019 May;63:149-154.
12. Engquist M, Löfgren H, Öberg B, Holtz A, Peolsson A, Söderlund A, Vavruch L, Lind B. Factors Affecting the Outcome of Surgical Versus Nonsurgical Treatment of Cervical Radiculopathy: A Randomized, Controlled Study. *Spine (Phila Pa 1976)*. 2015 Oct 15;40(20):1553-63.
13. Fehlings MG, Barry S, Kopjar B, et al. Anterior versus posterior surgical approaches to treat cervical spondylotic myelopathy: outcomes of the prospective multicenter AO Spine North America CSM study in 264 patients. *Spine (Phila Pa 1976)*. 2013 Dec 15;38(26):2247-52.
14. George W. Wood II. Spinal anatomy and surgical approaches. *Campbell's Operative Orthopedics*. 12th ed. Chapter 37. Pgs 1524-1558.e2. Copyright © 2013 by Mosby.
15. Hayes, Inc. Clinical Research Response. DTRAXX Spinal System (Providence Medical Technology) for Posterior Cervical Fusion. Lansdale, PA: Hayes, Inc.; Published March 5, 2019. Medical Coverage Policy: 0527
16. Hilibrand AS, Fye MA, Emery SE, Palumbo MA, Bohlman HH. Impact of smoking on the outcome of anterior cervical arthrodesis with interbody or strut-grafting. *J Bone Joint Surg Am*. 2001 May;83-A(5):668-73.
17. Kaiser MG, Mummaneni PV, Matz PG, Anderson PA, Groff MW, Heary RF, Holly LT, Ryken TC, Choudhri TF, Vresilovic EJ, Resnick DK; Joint Section on Disorders of the Spine and Peripheral Nerves of the American Association of Neurological Surgeons and Congress of Neurological Surgeons. Management of anterior cervical pseudarthrosis. *J Neurosurg Spine*. 2009 Aug;11(2):228-37.
18. Komotar RJ, Mocco J, Kaiser MG. Surgical management of cervical myelopathy: indications and techniques for laminectomy and fusion. *Spine J*. 2006 Nov-Dec;6(6 Suppl):252S-267S.
19. Iyer S, Kim HJ. Cervical Radiculopathy. *Curr Rev Musculoskelet Med*. 2016 Sep;9(3):272-80.
20. Jiang L, Tan M, Dong L, Yang F, Yi P, Tang X, Hao Q. Comparison of Anterior Decompression and Fusion With Posterior Laminoplasty for Multilevel Cervical Compressive Myelopathy: A Systematic Review and Meta-Analysis. *J Spinal Disord Tech*. 2015 Oct;28(8):282-90.
21. Levene HB, Styliaras JC, Vaccaro AR, Jallo J, Harrop JS. Occipital-cervical Fusion. In: *Operative Techniques: Spine*. Third edition. Copyright © 2018 by Elsevier, Inc.
22. Manchikanti L, Hirsch JA. Clinical management of radicular pain. *Expert Rev Neurother*. 2015 Jun;15(6):681-93.

23. Matz PG, Holly LT, Groff MW, et al. Indications for anterior cervical decompression for the treatment of cervical degenerative radiculopathy. *J Neurosurg: Spine*. August 2009; 11(2): 174-182.
24. McAllister BD, Rebholz BJ, Wang JC. Is posterior fusion necessary with laminectomy in the cervical spine? *Surg Neurol Int*. 2012; 3(Suppl 3): S225–S231.
25. McAnany SJ, Baird EO, Overley SC, Kim JS, Qureshi SA, Anderson PA. A Meta-Analysis of the Clinical and Fusion Results Following Treatment of Symptomatic Cervical Pseudarthrosis. *Global Spine J*. 2015 Apr;5(2):148-55.
26. Mummaneni PV, Kaiser MG, Matz PG, Anderson PA, Groff MW, Heary RF, Holly LT, Ryken TC, Choudhri TF, Vresilovic EJ, Resnick DK; Joint Section on Disorders of the Spine and Peripheral Nerves of the American Association of Neurological Surgeons and Congress of Neurological Surgeons. Cervical surgical techniques for the treatment of cervical spondylotic myelopathy. *J Neurosurg Spine*. 2009 Aug;11(2):130-41.
27. Murphy DR, Hurwitz EL, Gregory A, Clary R. A nonsurgical approach to the management of patients with cervical radiculopathy: a prospective observational cohort study. *J Manipulative Physiol Ther*. 2006 May;29(4):279-87.
28. Nikolaidis I, Fouyas IP, Sandercock PA, Statham PF. Surgery for cervical radiculopathy or myelopathy. *Cochrane Database Syst Rev*. 2010 Jan 20;(1):CD001466.
29. North American Spine Society (NASS). Choosing Wisely Initiative. Five things physicians and patients should question. October 9, 2013.
30. North American Spine Society (NASS) Coverage Policy Recommendations. Cervical Fusion. 07/2014; 7/2015. Copyright © 2014-2016 North American Spine Society.
31. North American Spine Society (NASS). Evidence-Based Clinical Guidelines for Multidisciplinary Spine Care. Diagnosis and Treatment of Cervical Radiculopathy from Degenerative Disorders. Copyright © 2010 North American Spine Society. Medical Coverage Policy: 0527
32. Panjabi MM, White AA. Basic biomechanics of the spine. *Neuro*. 1980 Jul;7(1):76- 93.
33. Persson LC, Moritz U, Brandt L, Carlsson CA. Cervical radiculopathy: pain, muscle weakness and sensory loss in patients with cervical radiculopathy treated with surgery physiotherapy or cervical collar. A prospective, controlled study. *Eur Spine J*. 1997;6(4):256-266.
34. Robinson J, Shefner J, Eichler A. Clinical features and diagnosis of cervical radiculopathy. Up To Date. Updated August 13, 2014, July 11, 2018. Accessed May 9, 2019.

35. Robinson J, Shefner J, Eichler A. Treatment and Prognosis of Cervical radiculopathy. Up To Date. Updated Feb 2016, Aug 31, 2018. Accessed May 9, 2019.
36. Shatlo B, Nader R. Laminoplasty. Medscape, updated November 10, 2014., Updated Mar 24, 2019. Accessed May 2, 2019. Available at URL address: <http://emedicine.medscape.com/article/1890493-overview>
37. Siemionow K, Janusz P, Glowka P. Cervical cages placed bilaterally in the facet joints from a posterior approach significantly increase foraminal area. Eur Spine J. 2016a Jul;25(7):2279-85.
38. Siemionow K, Monsef JB, Janusz P. Preliminary Analysis of Adjacent Segment Degeneration in Patients Treated with Posterior Cervical Cages: 2-Year Follow-Up. World Neurosurg. 2016a May;89:730.e1-7.
39. Smith W, Gillespy M, Huffman J, Vong V, McCormack BM. Anterior Cervical Pseudarthrosis Treated with Bilateral Posterior Cervical Cages. Oper Neurosurg (Hagerstown). 2018 Mar 1;14(3):236-242.
40. Song KJ, Choi BY. Current concepts of anterior cervical discectomy and fusion: a review of literature. Asian Spine J. 2014 Aug;8(4):531-9.
41. Vogt MT, Hanscom B, Lauerman WC, Kang JD. Influence of smoking on the health status of spinal patients: the National Spine Network database. Spine (Phila Pa 1976). 2002 Feb 1;27(3):313-9.
42. White AA 3rd, Johnson RM, Panjabi MM, Southwick WO. Biomechanical analysis of clinical stability in the cervical spine. Clin Orthop Relat Res. 1975;(109):85-96.
43. Williams KD. Fractures, dislocations, fracture-dislocations of the spine. In: Campbell's Operative Orthopaedics. Ch 41. Thirteenth edition, Copyright © 2017 by Elsevier, Inc.