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1: Resnick DK, Lonser RR. Neurosurgery for Neurologists. *Neurol Clin*. 2022 May;40(2):xiii. doi: 10.1016/j.ncl.2021.11.014. PMID: 35465887.

2: Resnick DK, Schmidt BT. Update on Spinal Fusion. *Neurol Clin*. 2022 May;40(2):261-268. doi: 10.1016/j.ncl.2021.11.005. Epub 2022 Mar 31. PMID: 35465873.

3: McGrath K, Lee J, Steinmetz M, Lonser RR, Resnick DK. Degenerative Spine Disorders and Multiple Sclerosis. *Neurol Clin*. 2022 May;40(2):249-259. doi: 10.1016/j.ncl.2021.11.004. Epub 2022 Mar 31. PMID: 35465872.

4: Page PS, Parmar V, Momin E, Burkett DJ, Greenway GP, Hanna A, Resnick DK. Classification and Reliability of Lumbar Facet Cysts Grading Scales. *World Neurosurg*. 2021 Nov;155:e391-e394. doi: 10.1016/j.wneu.2021.08.071. Epub 2021 Aug 20. PMID: 34425294.

5: Reitman CA, Hills JM, Standaert CJ, Bono CM, Mick CA, Furey CG, Kauffman CP, Resnick DK, Wong DA, Prather H, Harrop JS, Baisden J, Wang JC, Spivak JM, Schofferman J, Riew KD, Lorenz MA, Heggeness MH, Anderson PA, Rao RD, Baker RM, Emery SE, Watters WC 3rd, Sullivan WJ, Mitchell W, Tontz W Jr, Ghogawala Z. Cervical fusion for treatment of degenerative conditions: development of appropriate use criteria. *Spine J*. 2021 Sep;21(9):1460-1472. doi: 10.1016/j.spinee.2021.05.023. Epub 2021 Jun 1. PMID: 34087478.

6: Heilman C, Resnick DK. Commentary: Developing a Professionalism and Harassment Policy for Organized Neurosurgery. *Neurosurgery*. 2021 Jun 15;89(1):E62. doi: 10.1093/neuros/nyab137. PMID: 33989418.

7: Kreiner DS, Matz P, Bono CM, Cho CH, Easa JE, Ghiselli G, Ghogawala Z, Reitman CA, Resnick DK, Watters WC 3rd, Annaswamy TM, Baisden J, Bartynski WS, Bess S, Brewer RP, Cassidy RC, Cheng DS, Christie SD, Chutkan NB, Cohen BA, Dagenais S, Enix DE, Dougherty P, Golish SR, Gulur P, Hwang SW, Kilincer C, King JA, Lipson AC, Lisi AJ, Meagher RJ, O'Toole JE, Park P, Pekmezci M, Perry DR, Prasad R, Provenzano DA, Radcliff KE, Rahmathulla G, Reinsel TE, Rich RL Jr, Robbins DS, Rosolowski KA, Sembrano JN, Sharma AK, Stout AA, Taleghani CK, Tauzell RA, Trammell T, Vorobeychik Y, Yahiro AM. Corrigendum to "Guideline summary review: an evidence-based clinical guideline for the diagnosis and treatment of low back pain" [*The Spine Journal* 20/7 (2020) p 998-1024]. *Spine J*. 2021 Apr;21(4):726-727. doi: 10.1016/j.spinee.2021.02.006. Epub 2021 Feb 24. Erratum for: *Spine J*. 2020 Jul;20(7):998-1024. PMID: 33640275.

8: Page PS, Burkett DJ, Greenway GP, Resnick DK. Comparison of Decompression versus Decompression and Fusion for Lumbar Synovial Cysts and Predictive Factors for Cyst Recurrence. *World Neurosurg*. 2021 Feb;146:e378-e383. doi: 10.1016/j.wneu.2020.10.097. Epub 2020 Oct 23. PMID: 33256941.

9: Wang MC, Boop FA, Kondziolka D, Resnick DK, Kalkanis SN, Koehnen E, Selden NR, Heilman CB,

Valadka AB, Cockroft KM, Wilson JA, Ellenbogen RG, Asher AL, Byrne RW, Camarata PJ, Huang J, Knightly JJ, Levy EI, Lonser RR, Connolly ES, Meyer FB, Liao LM. Continuous improvement in patient safety and quality in neurological surgery: the American Board of Neurological Surgery in the past, present, and future. *J Neurosurg*. 2020 Oct 16;1-7. doi: 10.3171/2020.6.JNS202066. Epub ahead of print. PMID: 33065539.

10: Resnick DK, Schmidt BT, Momin E, Hetzel SJ, Ghogawala Z. Interobserver variance and patient heterogeneity influencing the treatment of grade I spondylolisthesis. *Spine J*. 2020 Dec;20(12):1934-1939. doi: 10.1016/j.spinee.2020.06.001. Epub 2020 Jun 10. PMID: 32534135.

11: Kreiner DS, Matz P, Bono CM, Cho CH, Easa JE, Ghiselli G, Ghogawala Z, Reitman CA, Resnick DK, Watters WC 3rd, Annaswamy TM, Baisden J, Bartynski WS, Bess S, Brewer RP, Cassidy RC, Cheng DS, Christie SD, Chutkan NB, Cohen BA, Dagenais S, Enix DE, Dougherty P, Golish SR, Gulur P, Hwang SW, Kilincer C, King JA, Lipson AC, Lisi AJ, Meagher RJ, O'Toole JE, Park P, Pekmezci M, Perry DR, Prasad R, Provenzano DA, Radcliff KE, Rahmathulla G, Reinsel TE, Rich RL Jr, Robbins DS, Rosolowski KA, Sembrano JN, Sharma AK, Stout AA, Taleghani CK, Tauzell RA, Trammell T, Vorobeychik Y, Yahiro AM. Guideline summary review: an evidence-based clinical guideline for the diagnosis and treatment of low back pain. *Spine J*. 2020 Jul;20(7):998-1024. doi: 10.1016/j.spinee.2020.04.006. Epub 2020 Apr 22. Erratum in: *Spine J*. 2021 Feb 24;: PMID: 32333996.

12: Miranpuri GS, Nguyen J, Moreno N, Yutuc NA, Kim J, Buttar S, Brown GR, Sauer SE, Singh CK, Kumar S, Resnick DK. Folic Acid Modulates Matrix Metalloproteinase-9 Expression Following Spinal Cord Injury. *Ann Neurosci*. 2019 Apr;26(2):60-65. doi: 10.5214/ans.0972.7531.260205. Epub 2019 Apr 1. PMID: 31975775; PMCID: PMC6894625.

13: Vaziri S, Resnick DK, Ames CP, Harrop JS, Shaffrey CI, Singh K, Smith JS, Hoh DJ. Brief History of Spinal Neurosurgical Societies in the United States: Part 1. *Neurospine*. 2019 Dec;16(4):631-636. doi: 10.14245/ns.1938378.189. Epub 2019 Dec 31. PMID: 31905449; PMCID: PMC6944983.

14: Schmidt BT, Pun CD, Lake WB, Resnick DK. Computed Tomography Guidance for Percutaneous Glycerol Rhizotomy for Trigeminal Neuralgia. *Oper Neurosurg (Hagerstown)*. 2020 Aug 1;19(2):E117-E121. doi: 10.1093/ons/opz400. PMID: 31848621.

15: Schmidt BT, Pun CD, Caropreso B, Hetzel SJ, Lake W, Resnick DK. Use of a Laryngeal Mask Airway Decreases Radiation Exposure During Computed Tomography- Guided Percutaneous Glycerol Rhizotomy for Trigeminal Neuralgia. *World Neurosurg*. 2020 Mar;135:e230-e236. doi: 10.1016/j.wneu.2019.11.136. Epub 2019 Nov 30. PMID: 31790838.

16: Miranpuri GS, Schomberg DT, Stan P, Chopra A, Buttar S, Wood A, Radzin A, Meudt JJ, Resnick DK, Shanmuganayagam D. Comparative Morphometry of the Wisconsin Miniature Swine™ Thoracic Spine for Modeling Human Spine in Translational Spinal Cord Injury Research. *Ann Neurosci*. 2018 Dec;25(4):210-218. doi: 10.1159/000488022. Epub 2018 Jul 24. PMID: 31000959; PMCID: PMC6470333.

17: Resnick DK. Show me the evidence: Dealing with bias in the medical literature: NASS 2018 presidential address. *Spine J*. 2019 Jan;19(1):2-7. doi: 10.1016/j.spinee.2018.11.005. PMID: 30579530.

18: Pines AR, Alghoul MS, Hamade YJ, Sattur MG, Aoun RJN, Halasa TK, Krishna C, Zammar SG, El Tecle NE, El Ahmadi TY, Aoun SG, Byrne RW, Harrop JS, Ragel BT, Resnick DK, Lonser RR, Selden NR, Bendok BR. Assessment of the Interrater Reliability of the Congress of Neurological Surgeons Microanastomosis Assessment Scale. *Oper Neurosurg (Hagerstown)*. 2017 Feb 1;13(1):108-112. doi: 10.1227/NEU.0000000000001403. PMID: 28931262; PMCID: PMC6312083.

- 19: Ghogawala Z, Resnick DK, Glassman SD, Dziura J, Shaffrey CI, Mummaneni PV. Achieving Optimal Outcome for Degenerative Lumbar Spondylolisthesis: Randomized Controlled Trial Results. *Neurosurgery*. 2017 Sep 1;64(CN_suppl_1):40-44. doi: 10.1093/neuros/nyx207. PMID: 28899038.
- 20: Wali AR, Martin JR, Rennert R, Resnick DK, Taylor W, Warnke P, Chen CC. Vertebroplasty for vertebral compression fractures: Placebo or effective? *Surg Neurol Int*. 2017 May 26;8:81. doi: 10.4103/sni.sni_2_17. PMID: 28607815; PMCID: PMC5461565.
- 21: Lonser RR, Resnick DK. Current Controversies in Spinal and Cranial Surgery. *Neurosurg Clin N Am*. 2017 Jul;28(3):xiii-xiv. doi: 10.1016/j.nec.2017.04.001. PMID: 28600018.
- 22: Miranpuri GS, Meethal SV, Sampene E, Chopra A, Buttar S, Nacht C, Moreno N, Patel K, Liu L, Singh A, Singh CK, Hariharan N, Iskandar B, Resnick DK. Folic Acid Modulates Matrix Metalloproteinase-2 Expression, Alleviates Neuropathic Pain, and Improves Functional Recovery in Spinal Cord-Injured Rats. *Ann Neurosci*. 2017 May;24(2):74-81. doi: 10.1159/000475896. Epub 2017 May 12. PMID: 28588362; PMCID: PMC5448437.
- 23: Crowell AD, King K, Deitermann A, Miranpuri GS, Resnick DK. Implication of Hypothalamus in Alleviating Spinal Cord Injury-Induced Neuropathic Pain. *Ann Neurosci*. 2016 Sep;23(3):171-175. doi: 10.1159/000449183. Epub 2016 Sep 9. PMID: 27721586; PMCID: PMC5043364.
- 24: Ghogawala Z, Resnick DK, Glassman SD, Dziura J, Shaffrey CI, Mummaneni PV. Randomized controlled trials for degenerative lumbar spondylolisthesis: which patients benefit from lumbar fusion? *J Neurosurg Spine*. 2017 Feb;26(2):260-266. doi: 10.3171/2016.8.SPINE16716. Epub 2016 Sep 23. PMID: 27661562.
- 25: Miranpuri GS, Schomberg DT, Alrfaei B, King KC, Ryneerson B, Wesley VS, Khan N, Obiakor K, Wesley UV, Resnick DK. Role of Matrix Metalloproteinases 2 in Spinal Cord Injury-Induced Neuropathic Pain. *Ann Neurosci*. 2016 Mar;23(1):25-32. doi: 10.1159/000443553. Epub 2016 Mar 11. PMID: 27536019; PMCID: PMC4934446.
- 26: Schomberg DT, Miranpuri GS, Chopra A, Patel K, Meudt JJ, Tellez A, Resnick DK, Shanmuganayagam D. Translational Relevance of Swine Models of Spinal Cord Injury. *J Neurotrauma*. 2017 Feb;34(3):541-551. doi: 10.1089/neu.2016.4567. Epub 2016 Aug 25. PMID: 27492951.
- 27: Than KD, Curran JN, Resnick DK, Shaffrey CI, Ghogawala Z, Mummaneni PV. How to predict return to work after lumbar discectomy: answers from the NeuroPoint- SD registry. *J Neurosurg Spine*. 2016 Aug;25(2):181-6. doi: 10.3171/2015.10.SPINE15455. Epub 2016 Mar 18. PMID: 26989977.
- 28: Hoh BL, Curran J, Rokicki J, Ullman JS, Bendok BR, Rao G, Selden NR, Resnick DK, Ghogawala Z. The Comparative Effectiveness of Specific Professional Educational Tools for Correcting Knowledge Gaps Among Practicing Neurosurgeons. *Neurosurgery*. 2015 Aug;62 Suppl 1:133-6. doi: 10.1227/NEU.0000000000000783. PMID: 26181932.
- 29: Resnick DK. A Question of Balance: Presidential Address of the 2014 CNS Annual Meeting. *Neurosurgery*. 2015 Aug;62 Suppl 1:66-72. doi: 10.1227/NEU.0000000000000786. PMID: 26181922.
- 30: Whitmore RG, Curran JN, Ali ZS, Mummaneni PV, Shaffrey CI, Heary RF, Kaiser MG, Asher AL, Malhotra NR, Cheng JS, Hurlbert J, Smith JS, Magge SN, Steinmetz MP, Resnick DK, Ghogawala Z. Predictive value of 3-month lumbar discectomy outcomes in the NeuroPoint-SD Registry. *J Neurosurg Spine*. 2015 Oct;23(4):459-66. doi: 10.3171/2015.1.SPINE14890. Epub 2015 Jul 3. PMID: 26140406.
- 31: Ghobrial GM, Balsara K, Maulucci CM, Resnick DK, Selden NR, Sharan AD, Harrop JS. Simulation

Training Curricula for Neurosurgical Residents: Cervical Foraminotomy and Durotomy Repair Modules. *World Neurosurg.* 2015 Sep;84(3):751-5.e1-7. doi: 10.1016/j.wneu.2015.04.056. Epub 2015 May 7. PMID: 25957725.

32: Zammar SG, Hamade YJ, Aoun RJ, El Tecle NE, El Ahmadi TY, Adelson PD, Kurpad SN, Harrop JS, Hodge H, Mishra RC, Rajshekhar V, Rezai AR, Sahkla SK, Sattur MG, Selden NR, Sharan AD, Resnick DK, Bendok BR. The cognitive and technical skills impact of the Congress of Neurological Surgeons simulation curriculum on neurosurgical trainees at the 2013 Neurological Society of India meeting. *World Neurosurg.* 2015 Apr;83(4):419-23. doi: 10.1016/j.wneu.2014.12.006. Epub 2014 Dec 16. PMID: 25524066.

33: Zammar SG, El Tecle NE, El Ahmadi TY, Adelson PD, Veznedaroglu E, Surdell DL, Harrop JS, Benes V, Rezai AR, Resnick DK, Bendok BR. Impact of a Vascular Neurosurgery Simulation-Based Course on Cognitive Knowledge and Technical Skills in European Neurosurgical Trainees. *World Neurosurg.* 2015 Aug;84(2):197-201. doi: 10.1016/j.wneu.2014.12.001. Epub 2014 Dec 9. PMID: 25498797.

34: Resnick DK, Tosteson AN, Groman RF, Ghogawala Z. Setting the equation: establishing value in spine care. *Spine (Phila Pa 1976).* 2014 Oct 15;39(22 Suppl 1):S43-50. doi: 10.1097/BRS.0000000000000581. PMID: 25299258; PMCID: PMC4487880.

35: Ahmed MM, Lee H, Clark Z, Miranpuri GS, Nacht C, Patel K, Liu L, Joslin J, Kintner D, Resnick DK. Pathogenesis of spinal cord injury induced edema and neuropathic pain: expression of multiple isoforms of wnk1. *Ann Neurosci.* 2014 Jul;21(3):97-103. doi: 10.5214/ans.0972.7531.210305. PMID: 25206073; PMCID: PMC4158783.

36: Kaiser MG, Eck JC, Groff MW, Ghogawala Z, Watters WC 3rd, Dailey AT, Resnick DK, Choudhri TF, Sharan A, Wang JC, Dhall SS, Mummaneni PV. Guideline update for the performance of fusion procedures for degenerative disease of the lumbar spine. Part 17: bone growth stimulators as an adjunct for lumbar fusion. *J Neurosurg Spine.* 2014 Jul;21(1):133-9. doi: 10.3171/2014.4.SPINE14326. PMID: 24980594.

37: Kaiser MG, Groff MW, Watters WC 3rd, Ghogawala Z, Mummaneni PV, Dailey AT, Choudhri TF, Eck JC, Sharan A, Wang JC, Dhall SS, Resnick DK. Guideline update for the performance of fusion procedures for degenerative disease of the lumbar spine. Part 16: bone graft extenders and substitutes as an adjunct for lumbar fusion. *J Neurosurg Spine.* 2014 Jul;21(1):106-32. doi: 10.3171/2014.4.SPINE14325. PMID: 24980593.

38: Sharan A, Groff MW, Dailey AT, Ghogawala Z, Resnick DK, Watters WC 3rd, Mummaneni PV, Choudhri TF, Eck JC, Wang JC, Dhall SS, Kaiser MG. Guideline update for the performance of fusion procedures for degenerative disease of the lumbar spine. Part 15: electrophysiological monitoring and lumbar fusion. *J Neurosurg Spine.* 2014 Jul;21(1):102-5. doi: 10.3171/2014.4.SPINE14324. PMID: 24980592.

39: Dailey AT, Ghogawala Z, Choudhri TF, Watters WC 3rd, Resnick DK, Sharan A, Eck JC, Mummaneni PV, Wang JC, Groff MW, Dhall SS, Kaiser MG. Guideline update for the performance of fusion procedures for degenerative disease of the lumbar spine. Part 14: brace therapy as an adjunct to or substitute for lumbar fusion. *J Neurosurg Spine.* 2014 Jul;21(1):91-101. doi: 10.3171/2014.4.SPINE14282. PMID: 24980591.

40: Watters WC 3rd, Resnick DK, Eck JC, Ghogawala Z, Mummaneni PV, Dailey AT, Choudhri TF, Sharan A, Groff MW, Wang JC, Dhall SS, Kaiser MG. Guideline update for the performance of fusion

procedures for degenerative disease of the lumbar spine. Part 13: injection therapies, low-back pain, and lumbar fusion. *J Neurosurg Spine*. 2014 Jul;21(1):79-90. doi: 10.3171/2014.4.SPINE14281. PMID: 24980590.

41: Groff MW, Dailey AT, Ghogawala Z, Resnick DK, Watters WC 3rd, Mummaneni PV, Choudhri TF, Eck JC, Sharan A, Wang JC, Dhall SS, Kaiser MG. Guideline update for the performance of fusion procedures for degenerative disease of the lumbar spine. Part 12: pedicle screw fixation as an adjunct to posterolateral fusion. *J Neurosurg Spine*. 2014 Jul;21(1):75-8. doi: 10.3171/2014.4.SPINE14277. PMID: 24980589.

42: Mummaneni PV, Dhall SS, Eck JC, Groff MW, Ghogawala Z, Watters WC 3rd, Dailey AT, Resnick DK, Choudhri TF, Sharan A, Wang JC, Kaiser MG. Guideline update for the performance of fusion procedures for degenerative disease of the lumbar spine. Part 11: interbody techniques for lumbar fusion. *J Neurosurg Spine*. 2014 Jul;21(1):67-74. doi: 10.3171/2014.4.SPINE14276. PMID: 24980588.

43: Resnick DK, Watters WC 3rd, Mummaneni PV, Dailey AT, Choudhri TF, Eck JC, Sharan A, Groff MW, Wang JC, Ghogawala Z, Dhall SS, Kaiser MG. Guideline update for the performance of fusion procedures for degenerative disease of the lumbar spine. Part 10: lumbar fusion for stenosis without spondylolisthesis. *J Neurosurg Spine*. 2014 Jul;21(1):62-6. doi: 10.3171/2014.4.SPINE14275. PMID: 24980587.

44: Resnick DK, Watters WC 3rd, Sharan A, Mummaneni PV, Dailey AT, Wang JC, Choudhri TF, Eck J, Ghogawala Z, Groff MW, Dhall SS, Kaiser MG. Guideline update for the performance of fusion procedures for degenerative disease of the lumbar spine. Part 9: lumbar fusion for stenosis with spondylolisthesis. *J Neurosurg Spine*. 2014 Jul;21(1):54-61. doi: 10.3171/2014.4.SPINE14274. PMID: 24980586.

45: Wang JC, Dailey AT, Mummaneni PV, Ghogawala Z, Resnick DK, Watters WC 3rd, Groff MW, Choudhri TF, Eck JC, Sharan A, Dhall SS, Kaiser MG. Guideline update for the performance of fusion procedures for degenerative disease of the lumbar spine. Part 8: lumbar fusion for disc herniation and radiculopathy. *J Neurosurg Spine*. 2014 Jul;21(1):48-53. doi: 10.3171/2014.4.SPINE14271. PMID: 24980585.

46: Eck JC, Sharan A, Ghogawala Z, Resnick DK, Watters WC 3rd, Mummaneni PV, Dailey AT, Choudhri TF, Groff MW, Wang JC, Dhall SS, Kaiser MG. Guideline update for the performance of fusion procedures for degenerative disease of the lumbar spine. Part 7: lumbar fusion for intractable low-back pain without stenosis or spondylolisthesis. *J Neurosurg Spine*. 2014 Jul;21(1):42-7. doi: 10.3171/2014.4.SPINE14270. PMID: 24980584.

47: Eck JC, Sharan A, Resnick DK, Watters WC 3rd, Ghogawala Z, Dailey AT, Mummaneni PV, Groff MW, Wang JC, Choudhri TF, Dhall SS, Kaiser MG. Guideline update for the performance of fusion procedures for degenerative disease of the lumbar spine. Part 6: discography for patient selection. *J Neurosurg Spine*. 2014 Jul;21(1):37-41. doi: 10.3171/2014.4.SPINE14269. PMID: 24980583.

48: Dhall SS, Choudhri TF, Eck JC, Groff MW, Ghogawala Z, Watters WC 3rd, Dailey AT, Resnick DK, Sharan A, Mummaneni PV, Wang JC, Kaiser MG. Guideline update for the performance of fusion procedures for degenerative disease of the lumbar spine. Part 5: correlation between radiographic outcome and function. *J Neurosurg Spine*. 2014 Jul;21(1):31-6. doi: 10.3171/2014.4.SPINE14268. PMID: 24980582.

49: Choudhri TF, Mummaneni PV, Dhall SS, Eck JC, Groff MW, Ghogawala Z, Watters WC 3rd, Dailey AT, Resnick DK, Sharan A, Wang JC, Kaiser MG. Guideline update for the performance of fusion

procedures for degenerative disease of the lumbar spine. Part 4: radiographic assessment of fusion status. *J Neurosurg Spine*. 2014 Jul;21(1):23-30. doi: 10.3171/2014.4.SPINE14267. PMID: 24980581.

50: Ghogawala Z, Whitmore RG, Watters WC 3rd, Sharan A, Mummaneni PV, Dailey AT, Choudhri TF, Eck JC, Groff MW, Wang JC, Resnick DK, Dhall SS, Kaiser MG. Guideline update for the performance of fusion procedures for degenerative disease of the lumbar spine. Part 3: assessment of economic outcome. *J Neurosurg Spine*. 2014 Jul;21(1):14-22. doi: 10.3171/2014.4.SPINE14259. PMID: 24980580.

51: Ghogawala Z, Resnick DK, Watters WC 3rd, Mummaneni PV, Dailey AT, Choudhri TF, Eck JC, Sharan A, Groff MW, Wang JC, Dhall SS, Kaiser MG. Guideline update for the performance of fusion procedures for degenerative disease of the lumbar spine. Part 2: assessment of functional outcome following lumbar fusion. *J Neurosurg Spine*. 2014 Jul;21(1):7-13. doi: 10.3171/2014.4.SPINE14258. PMID: 24980579.

52: Kaiser MG, Eck JC, Groff MW, Watters WC 3rd, Dailey AT, Resnick DK, Choudhri TF, Sharan A, Wang JC, Mummaneni PV, Dhall SS, Ghogawala Z. Guideline update for the performance of fusion procedures for degenerative disease of the lumbar spine. Part 1: introduction and methodology. *J Neurosurg Spine*. 2014 Jul;21(1):2-6. doi: 10.3171/2014.4.SPINE14257. PMID: 24980578.

53: Mummaneni PV, Whitmore RG, Curran JN, Ziewacz JE, Wadhwa R, Shaffrey CI, Asher AL, Heary RF, Cheng JS, Hurlbert RJ, Douglas AF, Smith JS, Malhotra NR, Dante SJ, Magge SN, Kaiser MG, Abbed KM, Resnick DK, Ghogawala Z. Cost- effectiveness of lumbar discectomy and single-level fusion for spondylolisthesis: experience with the NeuroPoint-SD registry. *Neurosurg Focus*. 2014 Jun;36(6):E3. doi: 10.3171/2014.3.FOCUS1450. PMID: 24881635.

54: El Ahmadieh TY, Harrop J, Batjer HH, Resnick DK, Bendok BR. Blinded peer assessment of surgical skill is feasible and can predict complication rates: a step toward measuring surgical quality. *Neurosurgery*. 2014 Jun;74(6):N12-4. doi: 10.1227/01.neu.0000450232.06740.ef. PMID: 24836100.

55: Li Y, Fredrickson V, Resnick DK. How should we grade lumbar disc herniation and nerve root compression? A systematic review. *Clin Orthop Relat Res*. 2015 Jun;473(6):1896-902. doi: 10.1007/s11999-014-3674-y. PMID: 24825130; PMCID: PMC4418997.

56: Kim HT, Kim T, Novotny B, Khan N, Aksamit J, Siegel S, Miranpuri GS, Resnick DK. Thermal hyperalgesia assessment for rats after spinal cord injury: developing a valid and useful pain index. *Spine J*. 2014 Jun 1;14(6):984-9. doi: 10.1016/j.spinee.2013.09.051. Epub 2013 Oct 24. PMID: 24361359.

57: Kreiner DS, Hwang SW, Easa JE, Resnick DK, Baisden JL, Bess S, Cho CH, DePalma MJ, Dougherty P 2nd, Fernand R, Ghiselli G, Hanna AS, Lamer T, Lisi AJ, Mazanec DJ, Meagher RJ, Nucci RC, Patel RD, Sembrano JN, Sharma AK, Summers JT, Taleghani CK, Tontz WL Jr, Toton JF; North American Spine Society. An evidence- based clinical guideline for the diagnosis and treatment of lumbar disc herniation with radiculopathy. *Spine J*. 2014 Jan;14(1):180-91. doi: 10.1016/j.spinee.2013.08.003. Epub 2013 Nov 14. PMID: 24239490.

58: Lee HK, Ahmed MM, King KC, Miranpuri GS, Kahle KT, Resnick DK, Sun D. Persistent phosphorylation of NKCC1 and WNK1 in the epicenter of the spinal cord following contusion injury. *Spine J*. 2014 May 1;14(5):777-81. doi: 10.1016/j.spinee.2013.06.100. Epub 2013 Nov 14. PMID: 24239489.

59: Lake WB, Brooks NP, Resnick DK. Comparative effectiveness research in spine surgery. *J Comp Eff Res*. 2013 Jan;2(1):45-51. doi: 10.2217/ce.12.73. PMID: 24236520.

- 60: Figueiredo N, Brooks N, Resnick DK. Evidence-based review and guidelines for the management of myxopapillary and intramedullary ependymoma. *J Neurosurg Sci*. 2013 Dec;57(4):327-41. PMID: 24091436.
- 61: Ghogawala Z, Shaffrey CI, Asher AL, Heary RF, Logvinenko T, Malhotra NR, Dante SJ, Hurlbert RJ, Douglas AF, Magge SN, Mummaneni PV, Cheng JS, Smith JS, Kaiser MG, Abbed KM, Sciubba DM, Resnick DK. The efficacy of lumbar discectomy and single-level fusion for spondylolisthesis: results from the NeuroPoint-SD registry: clinical article. *J Neurosurg Spine*. 2013 Nov;19(5):555-63. doi: 10.3171/2013.7.SPINE1362. Epub 2013 Sep 6. PMID: 24010898.
- 62: Resnick DK. Long-term kinematic analysis of cervical spine after single- level implantation of Bryan cervical disc prosthesis: a review. *Spine J*. 2013 Jun;13(6):635-6. doi: 10.1016/j.spinee.2013.04.002. PMID: 23747195.
- 63: Resnick DK. Updated Guidelines for the Management of Acute Cervical Spine and Spinal Cord Injury. *Neurosurgery*. 2013 Mar;72 Suppl 2:1. doi: 10.1227/NEU.0b013e318276ee7e. PMID: 23417171.
- 64: Asher AL, McGirt MJ, Glassman SD, Groman R, Resnick DK, Mehrlich M, Spivey E, McCormick P. Regulatory considerations for prospective patient care registries: lessons learned from the National Neurosurgery Quality and Outcomes Database. *Neurosurg Focus*. 2013 Jan;34(1):E5. doi: 10.3171/2012.10.FOCUS12300. PMID: 23278266.
- 65: Hartjen CA, Resnick DK, Hsu KY, Zucherman JF, Hsu EH, Skidmore GA. Two-Year Evaluation of the X-STOP Interspinous Spacer in Different Primary Patient Populations With Neurogenic Intermittent Claudication Because of Lumbar Spinal Stenosis. *Clin Spine Surg*. 2016 Aug;29(7):305-11. doi: 10.1097/BSD.0b013e31827b671f. PMID: 23168396.
- 66: Ahmed MM, Lake WB, Resnick DK. Progressive severe kyphosis as a complication of multilevel cervical percutaneous facet neurotomy: a case report. *Spine J*. 2012 Oct;12(10):e5-8. doi: 10.1016/j.spinee.2012.09.037. Epub 2012 Oct 12. PMID: 23063423.
- 67: Resnick DK. Commentary: Dysphagia after anterior cervical discectomy and fusion. *Spine J*. 2012 Aug;12(8):645. doi: 10.1016/j.spinee.2012.09.010. PMID: 23021027.
- 68: Agrawal BM, Brooks NP, Resnick DK. Wisconsin Spine Outcome Study-Pilot: preliminary data. *Neurosurg Focus*. 2012 Jul;33(1):E15. doi: 10.3171/2012.4.FOCUS1297. PMID: 22746232.
- 69: Schomberg D, Ahmed M, Miranpuri G, Olson J, Resnick DK. Neuropathic pain: role of inflammation, immune response, and ion channel activity in central injury mechanisms. *Ann Neurosci*. 2012 Jul;19(3):125-32. doi: 10.5214/ans.0972.7531.190309. PMID: 25205985; PMCID: PMC4117080.
- 70: Ahmed MM, King KC, Pearce SM, Ramsey MA, Miranpuri GS, Resnick DK. Novel target for Spinal Cord Injury Neuropathic Pain. *Mini Rev Med Chem*. 2012 Feb 1. Epub ahead of print. PMID: 22303943.
- 71: Glassman SD, Carreon LY, Anderson PA, Resnick DK. A diagnostic classification for lumbar spine registry development. *Spine J*. 2011 Dec;11(12):1108-16. doi: 10.1016/j.spinee.2011.11.016. PMID: 22208855.
- 72: Ahmed MM, King KC, Pearce SM, Ramsey MA, Miranpuri GS, Resnick DK. Novel targets for Spinal Cord Injury related neuropathic pain. *Ann Neurosci*. 2011 Oct;18(4):162-7. doi: 10.5214/ans.0972.7531.1118413. PMID: 25205949; PMCID: PMC4116958.
- 73: Fields D, Miranpuri S, Miranpuri G, Resnick D. The multifunctional and multi-system influence of

Ghrelin in the treatment of diabetic and spinal cord injury induced Neuropathy. *Ann Neurosci*. 2011 Jul;18(3):118-22. doi: 10.5214/ans.0972.7531.1118309. PMID: 25205937; PMCID: PMC4116944.

74: Golder FJ, Fuller DD, Lovett-Barr MR, Vinit S, Resnick DK, Mitchell GS. Breathing patterns after mid-cervical spinal contusion in rats. *Exp Neurol*. 2011 Sep;231(1):97-103. doi: 10.1016/j.expneurol.2011.05.020. Epub 2011 Jun 13. PMID: 21683697; PMCID: PMC3172815.

75: Krueger EM, Miranpuri GS, Resnick DK. Emerging role of WNK1 in pathologic central nervous system signaling. *Ann Neurosci*. 2011 Apr;18(2):70-5. doi: 10.5214/ans.0972.7531.1118212. PMID: 25205925; PMCID: PMC4117038.

76: 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. doi: 10.1016/j.spinee.2010.10.023. PMID: 21168100.

77: Ahmed MM, Rajpal S, Sweeney C, Gerovac TA, Allcock B, McChesney S, Patel AU, Tilghman JL, Miranpuri GS, Resnick DK. Cannabinoid subtype-2 receptors modulate the antihyperalgesic effect of WIN 55,212-2 in rats with neuropathic spinal cord injury pain. *Spine J*. 2010 Dec;10(12):1049-54. doi: 10.1016/j.spinee.2010.08.015. PMID: 20920894.

78: Lall R, Patel NJ, Resnick DK. A review of complications associated with [craniocervical fusion](#) surgery. *Neurosurgery*. 2010 Nov;67(5):1396-402; discussion 1402-3. doi: 10.1227/NEU.0b013e3181f1ec73. PMID: 20871441.

79: Clark ZJ, Miranpuri GS, Resnick DK. In Vivo application of RNAi to study pain. *Ann Neurosci*. 2010 Jul;17(3):142-5. doi: 10.5214/ans.0972-7531.1017310. PMID: 25205892; PMCID: PMC4116988.

80: Resnick DK. Magnetic resonance imaging signal change patterns and prognosis for myelopathy. *Spine J*. 2010 Jun;10(6):510-1. doi: 10.1016/j.spinee.2010.04.004. PMID: 20494812.

81: Rajpal S, Gordon DB, Pellino TA, Strayer AL, Brost D, Trost GR, Zdeblick TA, Resnick DK. Comparison of perioperative oral multimodal analgesia versus IV PCA for spine surgery. *J Spinal Disord Tech*. 2010 Apr;23(2):139-45. doi: 10.1097/BSD.0b013e3181cf07ee. PMID: 20375829.

82: Anderson PA, Muchow RD, Munoz A, Tontz WL, Resnick DK. Clearance of the asymptomatic cervical spine: a meta-analysis. *J Orthop Trauma*. 2010 Feb;24(2):100-6. doi: 10.1097/BOT.0b013e3181b16494. PMID: 20101134.

83: Bono CM, Watters WC 3rd, Heggeness MH, Resnick DK, Shaffer WO, Baisden J, Ben-Galim P, Easa JE, Fernand R, Lamer T, Matz PG, Mendel RC, Patel RK, Reitman CA, Toton JF. An evidence-based clinical guideline for the use of antithrombotic therapies in spine surgery. *Spine J*. 2009 Dec;9(12):1046-51. doi: 10.1016/j.spinee.2009.09.005. PMID: 19931184.

84: Resnick DK, Anderson PA, Kaiser MG, Groff MW, Heary RF, Holly LT, Mummaneni PV, Ryken TC, Choudhri TF, Vresilovic EJ, Matz PG; Joint Section on Disorders of the Spine and Peripheral Nerves of the American Association of Neurological Surgeons and Congress of Neurological Surgeons. Electrophysiological monitoring during surgery for cervical degenerative myelopathy and radiculopathy. *J Neurosurg Spine*. 2009 Aug;11(2):245-52. doi: 10.3171/2009.2.SPINE08730. PMID: 19769504.

85: Holly LT, Matz PG, Anderson PA, Groff MW, Heary RF, Kaiser MG, Mummaneni PV, 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. Functional outcomes assessment for cervical degenerative disease. J Neurosurg Spine. 2009 Aug;11(2):238-44. doi: 10.3171/2009.2.SPINE08715. PMID: 19769503.

86: 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. doi: 10.3171/2009.2.SPINE08729. PMID: 19769502.

87: 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. Radiographic assessment of cervical subaxial fusion. J Neurosurg Spine. 2009 Aug;11(2):221-7. doi: 10.3171/2009.3.SPINE08719. PMID: 19769501.

88: Ryken TC, Heary RF, Matz PG, Anderson PA, Groff MW, Holly LT, Kaiser MG, Mummaneni PV, 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. Techniques for cervical interbody grafting. J Neurosurg Spine. 2009 Aug;11(2):203-20. doi: 10.3171/2009.2.SPINE08723. PMID: 19769500.

89: Heary RF, Ryken TC, Matz PG, Anderson PA, Groff MW, Holly LT, Kaiser MG, Mummaneni PV, 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 laminoforaminotomy for the treatment of cervical degenerative radiculopathy. J Neurosurg Spine. 2009 Aug;11(2):198-202. doi: 10.3171/2009.2.SPINE08722. PMID: 19769499.

90: Matz PG, Ryken TC, Groff MW, Vresilovic EJ, Anderson PA, Heary RF, Holly LT, Kaiser MG, Mummaneni PV, Choudhri TF, Resnick DK; Joint Section on Disorders of the Spine and Peripheral Nerves of the American Association of Neurological Surgeons and Congress of Neurological Surgeons. Techniques for anterior cervical decompression for radiculopathy. J Neurosurg Spine. 2009 Aug;11(2):183-97. doi: 10.3171/2009.2.SPINE08721. PMID: 19769498.

91: Matz PG, Holly LT, Groff MW, Vresilovic EJ, Anderson PA, Heary RF, Kaiser MG, Mummaneni PV, Ryken TC, Choudhri TF, Resnick DK; Joint Section on Disorders of the Spine and Peripheral Nerves of the American Association of Neurological Surgeons and Congress of Neurological Surgeons. Indications for anterior cervical decompression for the treatment of cervical degenerative radiculopathy. J Neurosurg Spine. 2009 Aug;11(2):174-82. doi: 10.3171/2009.3.SPINE08720. PMID: 19769497.

92: Matz PG, Holly LT, Mummaneni PV, Anderson PA, Groff MW, Heary RF, Kaiser MG, 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. Anterior cervical surgery for the treatment of cervical degenerative myelopathy. J Neurosurg Spine. 2009 Aug;11(2):170-3. doi: 10.3171/2009.3.SPINE08724. PMID: 19769496.

93: Matz PG, Anderson PA, Groff MW, Heary RF, Holly LT, Kaiser MG, Mummaneni PV, 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 laminoplasty for the treatment of cervical degenerative myelopathy. J Neurosurg Spine. 2009

Aug;11(2):157-69. doi: 10.3171/2009.1.SPINE08726. PMID: 19769495.

94: Anderson PA, Matz PG, Groff MW, Heary RF, Holly LT, Kaiser MG, Mummaneni PV, 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. Laminectomy and fusion for the treatment of cervical degenerative myelopathy. *J Neurosurg Spine*. 2009 Aug;11(2):150-6. doi: 10.3171/2009.2.SPINE08727. PMID: 19769494.

95: Ryken TC, Heary RF, Matz PG, Anderson PA, Groff MW, Holly LT, Kaiser MG, Mummaneni PV, 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 laminectomy for the treatment of cervical degenerative myelopathy. *J Neurosurg Spine*. 2009 Aug;11(2):142-9. doi: 10.3171/2009.1.SPINE08725. PMID: 19769493.

96: 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. doi: 10.3171/2009.3.SPINE08728. PMID: 19769492.

97: Holly LT, Matz PG, Anderson PA, Groff MW, Heary RF, Kaiser MG, Mummaneni PV, 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. Clinical prognostic indicators of surgical outcome in cervical spondylotic myelopathy. *J Neurosurg Spine*. 2009 Aug;11(2):112-8. doi: 10.3171/2009.1.SPINE08718. PMID: 19769490.

98: Matz PG, Anderson PA, Holly LT, Groff MW, Heary RF, Kaiser MG, Mummaneni PV, 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. The natural history of cervical spondylotic myelopathy. *J Neurosurg Spine*. 2009 Aug;11(2):104-11. doi: 10.3171/2009.1.SPINE08716. PMID: 19769489.

99: Matz PG, Anderson PA, Kaiser MG, Holly LT, Groff MW, Heary RF, Mummaneni PV, Ryken TC, Choudhri TF, Vresilovic EJ, Resnick DK. Introduction and methodology: guidelines for the surgical management of cervical degenerative disease. *J Neurosurg Spine*. 2009 Aug;11(2):101-3. doi: 10.3171/2009.1.SPINE08712. PMID: 19769488.

100: Resnick DK. Digital versus plain film imaging in the operating room: cost and safety considerations. *Spine J*. 2009 Dec;9(12):1035-6. doi: 10.1016/j.spinee.2009.08.002. Epub 2009 Sep 17. PMID: 19766061.

101: Resnick DK, Rajpal S, Steinmetz MP. Common pitfalls in interpretation of medical evidence: a case demonstration of misleading interpretation in the analysis of cervical spine fusions. *Spine J*. 2009 Nov;9(11):905-9. doi: 10.1016/j.spinee.2009.06.022. Epub 2009 Aug 6. PMID: 19664970.

102: Watters WC 3rd, Bono CM, Gilbert TJ, Kreiner DS, Mazanec DJ, Shaffer WO, Baisden J, Easa JE, Fernand R, Ghiselli G, Heggeness MH, Mendel RC, O'Neill C, Reitman CA, Resnick DK, Summers JT, Timmons RB, Toton JF; North American Spine Society. An evidence-based clinical guideline for the diagnosis and treatment of degenerative lumbar spondylolisthesis. *Spine J*. 2009 Jul;9(7):609-14. doi: 10.1016/j.spinee.2009.03.016. Epub 2009 May 17. PMID: 19447684.

103: Chou R, Loeser JD, Owens DK, Rosenquist RW, Atlas SJ, Baisden J, Carragee EJ, Grabois M, Murphy DR, Resnick DK, Stanos SP, Shaffer WO, Wall EM; American Pain Society Low Back Pain

- Guideline Panel. Interventional therapies, surgery, and interdisciplinary rehabilitation for low back pain: an evidence-based clinical practice guideline from the American Pain Society. *Spine (Phila Pa 1976)*. 2009 May 1;34(10):1066-77. doi: 10.1097/BRS.0b013e3181a1390d. PMID: 19363457.
- 104: Chou R, Baisden J, Carragee EJ, Resnick DK, Shaffer WO, Loeser JD. Surgery for low back pain: a review of the evidence for an American Pain Society Clinical Practice Guideline. *Spine (Phila Pa 1976)*. 2009 May 1;34(10):1094-109. doi: 10.1097/BRS.0b013e3181a105fc. PMID: 19363455.
- 105: Steinmetz MP, Patel R, Traynelis V, Resnick DK, Anderson PA. Cervical disc arthroplasty compared with fusion in a workers' compensation population. *Neurosurgery*. 2008 Oct;63(4):741-7; discussion 747. doi: 10.1227/01.NEU.0000325495.79104.DB. PMID: 18981885.
- 106: Benzel EC, Resnick DK, Traynelis VC. Thoracolumbar spinal deformity: evaluation and treatment. Prefaces. *Neurosurgery*. 2008 Sep;63(3 Suppl):2-3. doi: 10.1227/01.neu.0000337130.60055.f2. PMID: 18812926.
- 107: Rajpal S, Resnick DK. Rod cantilever techniques. *Neurosurgery*. 2008 Sep;63(3 Suppl):157-62. doi: 10.1227/01.NEU.0000325767.45588.A2. PMID: 18812918.
- 108: Watters WC 3rd, Baisden J, Bono CM, Heggeness MH, Resnick DK, Shaffer WO, Toton JF; North American Spine Society. Antibiotic prophylaxis in spine surgery: an evidence-based clinical guideline for the use of prophylactic antibiotics in spine surgery. *Spine J*. 2009 Feb;9(2):142-6. doi: 10.1016/j.spinee.2008.05.008. Epub 2008 Jul 10. PMID: 18619911.
- 109: Resnick DK, Watters WC. Lumbar disc arthroplasty: a critical review. *Clin Neurosurg*. 2007;54:83-7. PMID: 18504901.
- 110: Muchow RD, Resnick DK, Abdel MP, Munoz A, Anderson PA. Magnetic resonance imaging (MRI) in the clearance of the cervical spine in blunt trauma: a meta- analysis. *J Trauma*. 2008 Jan;64(1):179-89. doi: 10.1097/01.ta.0000238664.74117.ac. PMID: 18188119.
- 111: Watters WC 3rd, Baisden J, Gilbert TJ, Kreiner S, Resnick DK, Bono CM, Ghiselli G, Heggeness MH, Mazanec DJ, O'Neill C, Reitman CA, Shaffer WO, Summers JT, Toton JF; North American Spine Society. Degenerative lumbar spinal stenosis: an evidence-based clinical guideline for the diagnosis and treatment of degenerative lumbar spinal stenosis. *Spine J*. 2008 Mar-Apr;8(2):305-10. doi: 10.1016/j.spinee.2007.10.033. Epub 2007 Dec 21. PMID: 18082461.
- 112: Rajpal S, Resnick DK, Başkaya MK. The role of the journal club in neurosurgical training. *Neurosurgery*. 2007 Aug;61(2):397-402; discussion 402-3. doi: 10.1227/01.NEU.0000280003.49319.F1. PMID: 17762752.
- 113: Rajpal S, Gerovac TA, Turner NA, Tilghman JL, Allcock BK, McChesney SL, Miranpuri GS, Park SW, Resnick DK. Antihyperalgesic effects of vanilloid-1 and bradykinin-1 receptor antagonists following spinal cord injury in rats. *J Neurosurg Spine*. 2007 May;6(5):420-4. doi: 10.3171/spi.2007.6.5.420. PMID: 17542507.
- 114: Resnick DK. Evidence-based spine surgery. *Spine (Phila Pa 1976)*. 2007 May 15;32(11 Suppl):S15-9. doi: 10.1097/BRS.0b013e318053d4b4. PMID: 17495580.
- 115: Anderson PA, Moore TA, Davis KW, Molinari RW, Resnick DK, Vaccaro AR, Bono CM, Dimar JR 2nd, Aarabi B, Levenson G; Spinal Trauma Study Group. Cervical spine injury severity score. Assessment of reliability. *J Bone Joint Surg Am*. 2007 May;89(5):1057-65. doi: 10.2106/JBJS.F.00684. PMID: 17473144.

- 116: Medow JE, Agrawal BM, Resnick DK. Polyostotic fibrous dysplasia of the cervical spine: case report and review of the literature. *Spine J.* 2007 Nov- Dec;7(6):712-5. doi: 10.1016/j.spinee.2006.10.023. Epub 2007 Feb 2. PMID: 17434805.
- 117: Resnick DK. Evidence-based guidelines for the performance of lumbar fusion. *Clin Neurosurg.* 2006;53:279-84. PMID: 17380763.
- 118: Steinmetz MP, Resnick DK. Use of a ventral cervical retractor system for minimal access transforaminal lumbar interbody fusion: technical case report. *Neurosurgery.* 2007 Feb;60(2 Suppl 1):ONSE175-6; discussion ONSE176. doi: 10.1227/01.NEU.0000249237.43354.D9. PMID: 17297355.
- 119: Resnick DK, Trost GR. Use of ventral plates for cervical arthrodesis. *Neurosurgery.* 2007 Jan;60(1 Suppl 1):S112-7. doi: 10.1227/01.NEU.0000215350.95209.CA. PMID: 17204871.
- 120: Park SW, Yi JH, Miranpuri G, Satriotomo I, Bowen K, Resnick DK, Vemuganti R. Thiazolidinedione class of peroxisome proliferator-activated receptor gamma agonists prevents neuronal damage, motor dysfunction, myelin loss, neuropathic pain, and inflammation after spinal cord injury in adult rats. *J Pharmacol Exp Ther.* 2007 Mar;320(3):1002-12. doi: 10.1124/jpet.106.113472. Epub 2006 Dec 13. PMID: 17167171.
- 121: DomBourian MG, Turner NA, Gerovac TA, Vemuganti R, Miranpuri GS, Türeyen K, Satriotomo I, Miletic V, Resnick DK. B1 and TRPV-1 receptor genes and their relationship to hyperalgesia following spinal cord injury. *Spine (Phila Pa 1976).* 2006 Nov 15;31(24):2778-82. doi: 10.1097/01.brs.0000245865.97424.b4. PMID: 17108828.
- 122: Steinmetz MP, Resnick DK. Cervical laminoplasty. *Spine J.* 2006 Nov-Dec;6(6 Suppl):274S-281S. doi: 10.1016/j.spinee.2006.04.023. PMID: 17097547.
- 123: Resnick DK, Groff MC. Evidence-based guidelines in lumbar spine surgery. *Prog Neurol Surg.* 2006;19:123-134. doi: 10.1159/000095187. PMID: 17033151.
- 124: Lapsiwala SB, Anderson PA, Oza A, Resnick DK. Biomechanical comparison of four C1 to C2 rigid fixative techniques: anterior transarticular, posterior transarticular, C1 to C2 pedicle, and C1 to C2 intralaminar screws. *Neurosurgery.* 2006 Mar;58(3):516-21; discussion 516-21. doi: 10.1227/01.NEU.0000197222.05299.31. PMID: 16528192.
- 125: Schmitt C, Miranpuri GS, Dhodda VK, Isaacson J, Vemuganti R, Resnick DK. Changes in spinal cord injury-induced gene expression in rat are strain- dependent. *Spine J.* 2006 Mar-Apr;6(2):113-9. doi: 10.1016/j.spinee.2005.05.379. Epub 2006 Feb 3. PMID: 16517380.
- 126: Richards GM, Bradley KA, Tomé WA, Bentzen SM, Resnick DK, Mehta MP. Linear accelerator radiosurgery for trigeminal neuralgia. *Neurosurgery.* 2005 Dec;57(6):1193-200; discussion 1193-200. doi: 10.1227/01.neu.0000186015.01179.70. PMID: 16331167.
- 127: Resnick DK. Anterior cervicothoracic junction corpectomy and plate fixation without sternotomy. *Neurosurg Focus.* 2002 Jan 15;12(1):E7. doi: 10.3171/foc.2002.12.1.8. PMID: 16212334.
- 128: Sahin S, Resnick DK. Minimally incisional stabilization of unstable L5 burst fracture. *J Spinal Disord Tech.* 2005 Oct;18(5):455-7. doi: 10.1097/01.bsd.0000156829.91302.70. PMID: 16189460.
- 129: Resnick DK. Reconstruction of anterior iliac crest after bone graft harvest decreases pain: a randomized, controlled clinical trial. *Neurosurgery.* 2005 Sep;57(3):526-9; discussion 526-9. doi: 10.1227/01.neu.0000170558.70876.e3. PMID: 16145532.

130: Resnick DK, Choudhri TF, Dailey AT, Groff MW, Khoo L, Matz PG, Mummaneni P, Watters WC 3rd, Wang J, Walters BC, Hadley MN; American Association of Neurological Surgeons/Congress of Neurological Surgeons. Guidelines for the performance of fusion procedures for degenerative disease of the lumbar spine. Part 17: bone growth stimulators and lumbar fusion. *J Neurosurg Spine*. 2005 Jun;2(6):737-40. doi: 10.3171/spi.2005.2.6.0737. PMID: 16028745.

131: Resnick DK, Choudhri TF, Dailey AT, Groff MW, Khoo L, Matz PG, Mummaneni P, Watters WC 3rd, Wang J, Walters BC, Hadley MN; American Association of Neurological Surgeons/Congress of Neurological Surgeons. Guidelines for the performance of fusion procedures for degenerative disease of the lumbar spine. Part 16: bone graft extenders and substitutes. *J Neurosurg Spine*. 2005 Jun;2(6):733-6. doi: 10.3171/spi.2005.2.6.0733. PMID: 16028744.

132: Resnick DK, Choudhri TF, Dailey AT, Groff MW, Khoo L, Matz PG, Mummaneni P, Watters WC 3rd, Wang J, Walters BC, Hadley MN; American Association of Neurological Surgeons/Congress of Neurological Surgeons. Guidelines for the performance of fusion procedures for degenerative disease of the lumbar spine. Part 15: electrophysiological monitoring and lumbar fusion. *J Neurosurg Spine*. 2005 Jun;2(6):725-32. doi: 10.3171/spi.2005.2.6.0725. PMID: 16028743.

133: Resnick DK, Choudhri TF, Dailey AT, Groff MW, Khoo L, Matz PG, Mummaneni P, Watters WC 3rd, Wang J, Walters BC, Hadley MN; American Association of Neurological Surgeons/Congress of Neurological Surgeons. Guidelines for the performance of fusion procedures for degenerative disease of the lumbar spine. Part 14: brace therapy as an adjunct to or substitute for lumbar fusion. *J Neurosurg Spine*. 2005 Jun;2(6):716-24. doi: 10.3171/spi.2005.2.6.0716. PMID: 16028742.

134: Resnick DK, Choudhri TF, Dailey AT, Groff MW, Khoo L, Matz PG, Mummaneni P, Watters WC 3rd, Wang J, Walters BC, Hadley MN; American Association of Neurological Surgeons/Congress of Neurological Surgeons. Guidelines for the performance of fusion procedures for degenerative disease of the lumbar spine. Part 13: injection therapies, low-back pain, and lumbar fusion. *J Neurosurg Spine*. 2005 Jun;2(6):707-15. doi: 10.3171/spi.2005.2.6.0707. PMID: 16028741.

135: Resnick DK, Choudhri TF, Dailey AT, Groff MW, Khoo L, Matz PG, Mummaneni P, Watters WC 3rd, Wang J, Walters BC, Hadley MN; American Association of Neurological Surgeons/Congress of Neurological Surgeons. Guidelines for the performance of fusion procedures for degenerative disease of the lumbar spine. Part 12: pedicle screw fixation as an adjunct to posterolateral fusion for low- back pain. *J Neurosurg Spine*. 2005 Jun;2(6):700-6. doi: 10.3171/spi.2005.2.6.0700. PMID: 16028740.

136: Resnick DK, Choudhri TF, Dailey AT, Groff MW, Khoo L, Matz PG, Mummaneni P, Watters WC 3rd, Wang J, Walters BC, Hadley MN; American Association of Neurological Surgeons/Congress of Neurological Surgeons. Guidelines for the performance of fusion procedures for degenerative disease of the lumbar spine. Part 11: interbody techniques for lumbar fusion. *J Neurosurg Spine*. 2005 Jun;2(6):692-9. doi: 10.3171/spi.2005.2.6.0692. PMID: 16028739.

137: Resnick DK, Choudhri TF, Dailey AT, Groff MW, Khoo L, Matz PG, Mummaneni P, Watters WC 3rd, Wang J, Walters BC, Hadley MN; American Association of Neurological Surgeons/Congress of Neurological Surgeons. Guidelines for the performance of fusion procedures for degenerative disease of the lumbar spine. Part 10: fusion following decompression in patients with stenosis without spondylolisthesis. *J Neurosurg Spine*. 2005 Jun;2(6):686-91. doi: 10.3171/spi.2005.2.6.0686. PMID: 16028738.

138: Resnick DK, Choudhri TF, Dailey AT, Groff MW, Khoo L, Matz PG, Mummaneni P, Watters WC 3rd, Wang J, Walters BC, Hadley MN; American Association of Neurological Surgeons/Congress of Neurological Surgeons. Guidelines for the performance of fusion procedures for degenerative disease

of the lumbar spine. Part 9: fusion in patients with stenosis and spondylolisthesis. J Neurosurg Spine. 2005 Jun;2(6):679-85. doi: 10.3171/spi.2005.2.6.0679. PMID: 16028737.

139: Resnick DK, Choudhri TF, Dailey AT, Groff MW, Khoo L, Matz PG, Mummaneni P, Watters WC 3rd, Wang J, Walters BC, Hadley MN; American Association of Neurological Surgeons/Congress of Neurological Surgeons. Guidelines for the performance of fusion procedures for degenerative disease of the lumbar spine. Part 8: lumbar fusion for disc herniation and radiculopathy. J Neurosurg Spine. 2005 Jun;2(6):673-8. doi: 10.3171/spi.2005.2.6.0673. PMID: 16028736.

140: Resnick DK, Choudhri TF, Dailey AT, Groff MW, Khoo L, Matz PG, Mummaneni P, Watters WC 3rd, Wang J, Walters BC, Hadley MN; American Association of Neurological Surgeons/Congress of Neurological Surgeons. Guidelines for the performance of fusion procedures for degenerative disease of the lumbar spine. Part 7: intractable low-back pain without stenosis or spondylolisthesis. J Neurosurg Spine. 2005 Jun;2(6):670-2. doi: 10.3171/spi.2005.2.6.0670. PMID: 16028735.

141: Resnick DK, Choudhri TF, Dailey AT, Groff MW, Khoo L, Matz PG, Mummaneni P, Watters WC 3rd, Wang J, Walters BC, Hadley MN; American Association of Neurological Surgeons/Congress of Neurological Surgeons. Guidelines for the performance of fusion procedures for degenerative disease of the lumbar spine. Part 6: magnetic resonance imaging and discography for patient selection for lumbar fusion. J Neurosurg Spine. 2005 Jun;2(6):662-9. doi: 10.3171/spi.2005.2.6.0662. PMID: 16028734.

142: Resnick DK, Choudhri TF, Dailey AT, Groff MW, Khoo L, Matz PG, Mummaneni P, Watters WC 3rd, Wang J, Walters BC, Hadley MN; American Association of Neurological Surgeons/Congress of Neurological Surgeons. Guidelines for the performance of fusion procedures for degenerative disease of the lumbar spine. Part 5: correlation between radiographic and functional outcome. J Neurosurg Spine. 2005 Jun;2(6):658-61. doi: 10.3171/spi.2005.2.6.0658. PMID: 16028733.

143: Resnick DK, Choudhri TF, Dailey AT, Groff MW, Khoo L, Matz PG, Mummaneni P, Watters WC 3rd, Wang J, Walters BC, Hadley MN; American Association of Neurological Surgeons/Congress of Neurological Surgeons. Guidelines for the performance of fusion procedures for degenerative disease of the lumbar spine. Part 4: radiographic assessment of fusion. J Neurosurg Spine. 2005 Jun;2(6):653-7. doi: 10.3171/spi.2005.2.6.0653. PMID: 16028732.

144: Resnick DK, Choudhri TF, Dailey AT, Groff MW, Khoo L, Matz PG, Mummaneni P, Watters WC 3rd, Wang J, Walters BC, Hadley MN; American Association of Neurological Surgeons/Congress of Neurological Surgeons. Guidelines for the performance of fusion procedures for degenerative disease of the lumbar spine. Part 3: assessment of economic outcome. J Neurosurg Spine. 2005 Jun;2(6):647-52. doi: 10.3171/spi.2005.2.6.0647. PMID: 16028731.

145: Resnick DK, Choudhri TF, Dailey AT, Groff MW, Khoo L, Matz PG, Mummaneni P, Watters WC 3rd, Wang J, Walters BC, Hadley MN; American Association of Neurological Surgeons/Congress of Neurological Surgeons. Guidelines for the performance of fusion procedures for degenerative disease of the lumbar spine. Part 2: assessment of functional outcome. J Neurosurg Spine. 2005 Jun;2(6):639-46. doi: 10.3171/spi.2005.2.6.0639. PMID: 16028730.

146: Resnick DK, Choudhri TF, Dailey AT, Groff MW, Khoo L, Matz PG, Mummaneni P, Watters WC 3rd, Wang J, Walters BC, Hadley MN. Guidelines for the performance of fusion procedures for degenerative disease of the lumbar spine. Part 1: introduction and methodology. J Neurosurg Spine. 2005 Jun;2(6):637-8. doi: 10.3171/spi.2005.2.6.0637. PMID: 16028729.

147: Dziurzynski K, Anderson PA, Bean DB, Choi J, Leverson GE, Marin RL, Resnick DK. A blinded

- assessment of radiographic criteria for atlanto-occipital dislocation. *Spine (Phila Pa 1976)*. 2005 Jun 15;30(12):1427-32. doi: 10.1097/01.brs.0000166524.88394.b3. PMID: 15959373.
- 148: Resnick DK, Malone DG, Ryken TC. Guidelines for the use of discography for the diagnosis of painful degenerative lumbar disc disease. *Neurosurg Focus*. 2002 Aug 15;13(2):E12. doi: 10.3171/foc.2002.13.2.13. PMID: 15916396.
- 149: Ryken TC, Eichholz KM, Gerszten PC, Welch WC, Gokaslan ZL, Resnick DK. Evidence-based review of the surgical management of vertebral column metastatic disease. *Neurosurg Focus*. 2003 Nov 15;15(5):E11. doi: 10.3171/foc.2003.15.5.11. PMID: 15323468.
- 150: Resnick DK, Schmitt C, Miranpuri GS, Dhodda VK, Isaacson J, Vemuganti R. Molecular evidence of repair and plasticity following spinal cord injury. *Neuroreport*. 2004 Apr 9;15(5):837-9. doi: 10.1097/00001756-200404090-00020. PMID: 15073526.
- 151: Witwer BP, Resnick DK. Delayed esophageal injury without instrumentation failure: complication of anterior cervical instrumentation. *J Spinal Disord Tech*. 2003 Dec;16(6):519-23. doi: 10.1097/00024720-200312000-00006. PMID: 14657748.
- 152: Resnick DK, Nguyen P, Cechvala CF. Selective cyclooxygenase 2 inhibition lowers spinal cord prostaglandin concentrations after injury. *Spine J*. 2001 Nov- Dec;1(6):437-41. doi: 10.1016/s1529-9430(01)00117-6. PMID: 14588302.
- 153: Resnick DK, Nguyen P, Cechvala CF. Regional and temporal changes in prostaglandin E2 and thromboxane B2 concentrations after spinal cord injury. *Spine J*. 2001 Nov-Dec;1(6):432-6. doi: 10.1016/s1529-9430(01)00130-9. PMID: 14588301.
- 154: Resnick DK, Cechvala CF, Yan Y, Witwer BP, Sun D, Zhang S. Adult olfactory ensheathing cell transplantation for acute spinal cord injury. *J Neurotrauma*. 2003 Mar;20(3):279-85. doi: 10.1089/089771503321532860. PMID: 12820682.
- 155: Resnick DK. Prospective comparison of virtual fluoroscopy to fluoroscopy and plain radiographs for placement of lumbar pedicle screws. *J Spinal Disord Tech*. 2003 Jun;16(3):254-60. doi: 10.1097/00024720-200306000-00005. PMID: 12792339.
- 156: Swartz KR, Resnick D, Iskandar BJ, Wargowski D, Brockmeyer D, Opitz J. Craniocervical anomalies in Dubowitz syndrome. Three cases and a literature review. *Pediatr Neurosurg*. 2003 May;38(5):238-43. doi: 10.1159/000069822. PMID: 12686766.
- 157: Badie B, Schartner JM, Hagar AR, Prabakaran S, Peebles TR, Bartley B, Lapsiwala S, Resnick DK, Vorpahl J. Microglia cyclooxygenase-2 activity in experimental gliomas: possible role in cerebral edema formation. *Clin Cancer Res*. 2003 Feb;9(2):872-7. PMID: 12576462.
- 158: Hadley MN, Walters BC, Grabb PA, Oyesiku NM, Przybylski GJ, Resnick DK, Ryken TC, Mielke DH. Guidelines for the management of acute cervical spine and spinal cord injuries. *Clin Neurosurg*. 2002;49:407-98. PMID: 12506565.
- 159: Hadley MN, Walters BC, Grabb PA, Oyesiku NM, Przybylski GJ, Resnick DK, Ryken TC. Methodology of guideline development. *Neurosurgery*. 2002 Mar;50(3 Suppl):S2-6. doi: 10.1097/00006123-200203001-00004. PMID: 12431303.
- 160: Hadley MN, Walters BC, Grabb PA, Oyesiku NM, Przybylski GJ, Resnick DK, Ryken TC. Management of vertebral artery injuries after nonpenetrating cervical trauma. *Neurosurgery*. 2002

Mar;50(3 Suppl):S173-8. doi: 10.1097/00006123-200203001-00026. PMID: 12431302.

161: Hadley MN, Walters BC, Grabb PA, Oyesiku NM, Przybylski GJ, Resnick DK, Ryken TC. Management of acute central cervical spinal cord injuries. *Neurosurgery*. 2002 Mar;50(3 Suppl):S166-72. doi: 10.1097/00006123-200203001-00025. PMID: 12431301.

162: Hadley MN, Walters BC, Grabb PA, Oyesiku NM, Przybylski GJ, Resnick DK, Ryken TC. Treatment of subaxial cervical spinal injuries. *Neurosurgery*. 2002 Mar;50(3 Suppl):S156-65. doi: 10.1097/00006123-200203001-00024. PMID: 12431300.

163: Hadley MN, Walters BC, Grabb PA, Oyesiku NM, Przybylski GJ, Resnick DK, Ryken TC. Os odontoideum. *Neurosurgery*. 2002 Mar;50(3 Suppl):S148-55. doi: 10.1097/00006123-200203001-00023. PMID: 12431299.

164: Hadley MN, Walters BC, Grabb PA, Oyesiku NM, Przybylski GJ, Resnick DK, Ryken TC. Management of combination fractures of the atlas and axis in adults. *Neurosurgery*. 2002 Mar;50(3 Suppl):S140-7. doi: 10.1097/00006123-200203001-00022. PMID: 12431298.

165: Hadley MN, Walters BC, Grabb PA, Oyesiku NM, Przybylski GJ, Resnick DK, Ryken TC. Isolated fractures of the axis in adults. *Neurosurgery*. 2002 Mar;50(3 Suppl):S125-39. doi: 10.1097/00006123-200203001-00021. PMID: 12431297.

166: Hadley MN, Walters BC, Grabb PA, Oyesiku NM, Przybylski GJ, Resnick DK, Ryken TC. Isolated fractures of the atlas in adults. *Neurosurgery*. 2002 Mar;50(3 Suppl):S120-4. doi: 10.1097/00006123-200203001-00020. PMID: 12431296.

167: Hadley MN, Walters BC, Grabb PA, Oyesiku NM, Przybylski GJ, Resnick DK, Ryken TC. Diagnosis and management of traumatic atlanto-occipital dislocation injuries. *Neurosurgery*. 2002 Mar;50(3 Suppl):S105-13. doi: 10.1097/00006123-200203001-00018. PMID: 12431294.

168: Hadley MN, Walters BC, Grabb PA, Oyesiku NM, Przybylski GJ, Resnick DK, Ryken TC. Management of pediatric cervical spine and spinal cord injuries. *Neurosurgery*. 2002 Mar;50(3 Suppl):S85-99. doi: 10.1097/00006123-200203001-00016. PMID: 12431292.

169: Hadley MN, Walters BC, Grabb PA, Oyesiku NM, Przybylski GJ, Resnick DK, Ryken TC. Nutritional support after spinal cord injury. *Neurosurgery*. 2002 Mar;50(3 Suppl):S81-4. doi: 10.1097/00006123-200203001-00015. PMID: 12431291.

170: Hadley MN, Walters BC, Grabb PA, Oyesiku NM, Przybylski GJ, Resnick DK, Ryken TC. Deep venous thrombosis and thromboembolism in patients with cervical spinal cord injuries. *Neurosurgery*. 2002 Mar;50(3 Suppl):S73-80. doi: 10.1097/00006123-200203001-00014. PMID: 12431290.

171: Hadley MN, Walters BC, Grabb PA, Oyesiku NM, Przybylski GJ, Resnick DK, Ryken TC. Pharmacological therapy after acute cervical spinal cord injury. *Neurosurgery*. 2002 Mar;50(3 Suppl):S63-72. doi: 10.1097/00006123-200203001-00013. PMID: 12431289.

172: Hadley MN, Walters BC, Grabb PA, Oyesiku NM, Przybylski GJ, Resnick DK, Ryken TC. Blood pressure management after acute spinal cord injury. *Neurosurgery*. 2002 Mar;50(3 Suppl):S58-62. doi: 10.1097/00006123-200203001-00012. PMID: 12431288.

173: Hadley MN, Walters BC, Grabb BC, Oyesiku NM, Przybylski GJ, Resnick DK, Ryken TC. Initial closed reduction of cervical spine fracture-dislocation injuries. *Neurosurgery*. 2002 Mar;50(3 Suppl):S44-50. doi: 10.1097/00006123-200203001-00010. PMID: 12431286.

- 174: Hadley MN, Walters BC, Grabb PA, Oyesiku NM, Przybylski GJ, Resnick DK, Ryken TC. Radiographic assessment of the cervical spine in symptomatic trauma patients. *Neurosurgery*. 2002 Mar;50(3 Suppl):S36-43. doi: 10.1097/00006123-200203001-00009. PMID: 12431285.
- 175: Hadley MN, Walters BC, Grabb PA, Oyesiku NM, Przybylski GJ, Resnick DK, Ryken TC. Radiographic assessment of the cervical spine in asymptomatic trauma patients. *Neurosurgery*. 2002 Mar;50(3 Suppl):S30-5. doi: 10.1097/00006123-200203001-00008. PMID: 12431284.
- 176: Hadley MN, Walters BC, Grabb PA, Oyesiku NM, Przybylski GJ, Resnick DK, Ryken TC. Clinical assessment after acute cervical spinal cord injury. *Neurosurgery*. 2002 Mar;50(3 Suppl):S21-9. doi: 10.1097/00006123-200203001-00007. PMID: 12431283.
- 177: Hadley MN, Walters BC, Grabb PA, Oyesiku NM, Przybylski GJ, Resnick DK, Ryken TC. Transportation of patients with acute traumatic cervical spine injuries. *Neurosurgery*. 2002 Mar;50(3 Suppl):S18-20. doi: 10.1097/00006123-200203001-00006. PMID: 12431282.
- 178: Hadley MN, Walters BC, Grabb PA, Oyesiku NM, Przybylski GJ, Resnick DK, Ryken TC. Cervical spine immobilization before admission to the hospital. *Neurosurgery*. 2002 Mar;50(3 Suppl):S7-17. doi: 10.1097/00006123-200203001-00005. PMID: 12431281.
- 179: Hadley MN, Walters BC, Grabb PA, Oyesiku NM, Przybylski GJ, Resnick DK, Ryken TC. Guidelines for management of acute cervical spinal injuries. Introduction. *Neurosurgery*. 2002 Mar;50(3 Suppl):S1. doi: 10.1097/00006123-200203001-00003. PMID: 12431280.
- 180: Haughton VM, Rogers B, Meyerand ME, Resnick DK. Measuring the axial rotation of lumbar vertebrae in vivo with MR imaging. *AJNR Am J Neuroradiol*. 2002 Aug;23(7):1110-6. PMID: 12169466; PMCID: PMC8185728.
- 181: Resnick DK, Lapsiwala S, Trost GR. Anatomic suitability of the C1-C2 complex for pedicle screw fixation. *Spine (Phila Pa 1976)*. 2002 Jul 15;27(14):1494-8. doi: 10.1097/00007632-200207150-00003. PMID: 12131706.
- 182: Resnick DK. Vitoss bone substitute. *Neurosurgery*. 2002 May;50(5):1162-4. doi: 10.1097/00006123-200205000-00044. PMID: 11987275.
- 183: Resnick DK, Benzel EC. C1-C2 pedicle screw fixation with rigid cantilever beam construct: case report and technical note. *Neurosurgery*. 2002 Feb;50(2):426-8. doi: 10.1097/00006123-200202000-00039. PMID: 11844283.
- 184: Song G, Cechvala C, Resnick DK, Dempsey RJ, Rao VL. GeneChip analysis after acute spinal cord injury in rat. *J Neurochem*. 2001 Nov;79(4):804-15. doi: 10.1046/j.1471-4159.2001.00626.x. PMID: 11723173.
- 185: Witwer BP, Salamat MS, Resnick DK. Gliosarcoma metastatic to the cervical spinal cord: case report and review of the literature. *Surg Neurol*. 2000 Nov;54(5):373-8; discussion 378-9. doi: 10.1016/s0090-3019(00)00315-3. PMID: 11165614.
- 186: Resnick DK, Ramirez LF. Neuroscience education of undergraduate medical students. Part II: outcome improvement. *J Neurosurg*. 2000 Apr;92(4):642-5. doi: 10.3171/jns.2000.92.4.0642. PMID: 10761654.
- 187: Resnick DK. Neuroscience education of undergraduate medical students. Part I: role of neurosurgeons as educators. *J Neurosurg*. 2000 Apr;92(4):637-41. doi: 10.3171/jns.2000.92.4.0637.

PMID: 10761653.

188: Resnick DK, Resnick NM, Welch WC, Cooper DL. Differential expressions of CD44 variants in tumors affecting the central nervous system. *Mol Diagn*. 1999 Sep;4(3):219-32. doi: 10.1016/s1084-8592(99)80025-3. PMID: 10553022.

189: Scarrow AM, Levy EI, Resnick DK, Adelson PD, Sclabassi RJ. Cervical spine evaluation in obtunded or comatose pediatric trauma patients: A pilot study. *Pediatr Neurosurg*. 1999 Apr;30(4):169-75. doi: 10.1159/000028789. PMID: 10420124.

190: McLaughlin MR, Jannetta PJ, Clyde BL, Subach BR, Comey CH, Resnick DK. Microvascular decompression of cranial nerves: lessons learned after 4400 operations. *J Neurosurg*. 1999 Jan;90(1):1-8. doi: 10.3171/jns.1999.90.1.0001. PMID: 10413149.

191: Resnick DK, Jannetta PJ. Hyperactive rhizopathy of the vagus nerve and microvascular decompression. Case report. *J Neurosurg*. 1999 Mar;90(3):580-2. doi: 10.3171/jns.1999.90.3.0580. PMID: 10067935.

192: Resnick DK, Graham SH, Dixon CE, Marion DW. Role of cyclooxygenase 2 in acute spinal cord injury. *J Neurotrauma*. 1998 Dec;15(12):1005-13. doi: 10.1089/neu.1998.15.1005. PMID: 9872457.

193: Resnick DK, Levy EI, Jannetta PJ. Microvascular decompression for pediatric onset trigeminal neuralgia. *Neurosurgery*. 1998 Oct;43(4):804-7; discussion 807-8. doi: 10.1097/00006123-199810000-00047. PMID: 9766307.

194: Resnick DK, Benzel EC. Lateral extracavitary approach for thoracic and thoracolumbar spine trauma: operative complications. *Neurosurgery*. 1998 Oct;43(4):796-802; discussion 802-3. doi: 10.1097/00006123-199810000-00041. PMID: 9766306.

195: Levy EI, Resnick DK, Jannetta PJ, Lovely T, Bissonette DJ. Pediatric hemifacial spasm: the efficacy of microvascular decompression. *Pediatr Neurosurg*. 1997 Nov;27(5):238-41. doi: 10.1159/000121260. PMID: 9620000.

196: Resnick DK, Weller SJ, Benzel EC. Biomechanics of the thoracolumbar spine. *Neurosurg Clin N Am*. 1997 Oct;8(4):455-69. PMID: 9314515.

197: Resnick DK, Marion DW, Carlier P. Outcome analysis of patients with severe head injuries and prolonged intracranial hypertension. *J Trauma*. 1997 Jun;42(6):1108-11. doi: 10.1097/00005373-199706000-00021. PMID: 9210550.

198: Resnick DK, Subach BR, Marion DW. The significance of carotid canal involvement in basilar cranial fracture. *Neurosurgery*. 1997 Jun;40(6):1177-81. doi: 10.1097/00006123-199706000-00012. PMID: 9179890.

199: Resnick DK, McLaughlin MR, Albright AL. Primary endodermal sinus tumor presenting with spinal cord compression. Case report. *J Neurosurg*. 1997 Jan;86(1):151-3. doi: 10.3171/jns.1997.86.1.0151. PMID: 8988094.

200: Resnick DK, Jannetta PJ, Lunsford LD, Bissonette DJ. Microvascular decompression for trigeminal neuralgia in patients with multiple sclerosis. *Surg Neurol*. 1996 Oct;46(4):358-61; discussion 361-2. doi: 10.1016/s0090-3019(96)00187-5. PMID: 8876717.

201: Clyde BL, Resnick DK, Yonas H, Smith HA, Kaufmann AM. The relationship of blood velocity as

measured by transcranial doppler ultrasonography to cerebral blood flow as determined by stable xenon computed tomographic studies after aneurysmal subarachnoid hemorrhage. *Neurosurgery*. 1996 May;38(5):896-904; discussion 904-5. doi: 10.1097/00006123-199605000-00008. PMID: 8727814.

202: Resnick DK, Johnson BL, Lovely TJ. Rosai-Dorfman disease presenting with multiple orbital and intracranial masses. *Acta Neuropathol*. 1996;91(5):554-7. doi: 10.1007/s004010050466. PMID: 8740239.

203: Resnick DK, Comey CH, Welch WC, Martinez AJ, Hoover WW, Jacobs GB. Isolated toxoplasmosis of the thoracic spinal cord in a patient with acquired immunodeficiency syndrome. Case report. *J Neurosurg*. 1995 Mar;82(3):493-6. doi: 10.3171/jns.1995.82.3.0493. PMID: 7861231.

204: Resnick DK, Pollack IF, Albright AL. Surgical management of the cloverleaf skull deformity. *Pediatr Neurosurg*. 1995;22(1):29-37; discussion 238. doi: 10.1159/000121296. PMID: 7888390.

205: Resnick DK, Jannetta PJ, Bissonnette D, Jho HD, Lanzino G. Microvascular decompression for glossopharyngeal neuralgia. *Neurosurgery*. 1995 Jan;36(1):64-8; discussion 68-9. doi: 10.1227/00006123-199501000-00008. PMID: 7708170.

206: Resnick DK, Shields P. Cystic lesion of the second cervical vertebral body. Case report. *J Spinal Disord*. 1994 Dec;7(6):533-4; discussion 535-9. doi: 10.1097/00002517-199412000-00013. PMID: 7873854.

207: Resnick DK, Marion DW, Darby JM. The effect of hypothermia on the incidence of delayed traumatic intracerebral hemorrhage. *Neurosurgery*. 1994 Feb;34(2):252-5; discussion 255-6. doi: 10.1227/00006123-199402000-00007. PMID: 8177385.

208: Resnick DK. Delayed pulmonary perforation. A rare complication of tube thoracostomy. *Chest*. 1993 Jan;103(1):311-3. doi: 10.1378/chest.103.1.311. PMID: 8417916.

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