

Shriners Hospital for Children

- 1: Herman MJ, Brown KO, Sponseller PD, Phillips JH, Petrucelli PM, Parikh DJ, Mody KS, Leonard JC, Moront M, Brockmeyer DL, Anderson RCE, Alder AC, Anderson JT, Bernstein RM, Booth TN, Braga BP, Cahill PJ, Joglar JM, Martus JE, Nesiamia JO, Pahys JM, Rathjen KE, Riccio AI, Schulz JF, Stans AA, Shah MI, Warner WC Jr, Yaszay B. Pediatric Cervical Spine Clearance: A Consensus Statement and Algorithm from the Pediatric Cervical Spine Clearance Working Group. *J Bone Joint Surg Am*. 2019 Jan 2;101(1):e1. doi: 10.2106/JBJS.18.00217. PubMed PMID: 30601421.
- 2: Easson K, Dahan-Oliel N, Rohlicek C, Sahakian S, Brossard-Racine M, Mazer B, Riley P, Maltais DB, Nadeau L, Hatzigeorgiou S, Schmitz N, Majnemer A. A Comparison of Developmental Outcomes of Adolescent Neonatal Intensive Care Unit Survivors Born with a Congenital Heart Defect or Born Preterm. *J Pediatr*. 2018 Dec 6. pii: S0022-3476(18)31585-3. doi: 10.1016/j.jpeds.2018.11.002. [Epub ahead of print] PubMed PMID: 30528759.
- 3: Menger RP, Savardekar AR, Farokhi F, Sin A. A Cost-Effectiveness Analysis of the Integration of Robotic Spine Technology in Spine Surgery. *Neurospine*. 2018 Sep;15(3):216-224. doi: 10.14245/ns.1836082.041. Epub 2018 Aug 29. PubMed PMID: 30157583; PubMed Central PMCID: PMC6226125.
- 4: Mackel CE, Jada A, Samdani AF, Stephen JH, Bennett JT, Baaj AA, Hwang SW. A comprehensive review of the diagnosis and management of congenital scoliosis. *Childs Nerv Syst*. 2018 Nov;34(11):2155-2171. doi: 10.1007/s00381-018-3915-6. Epub 2018 Aug 4. Review. PubMed PMID: 30078055.
- 5: Mackel CE, Morel BC, Winer JL, Park HG, Sweeney M, Heller RS, Rideout L, Riesenburger RI, Hwang SW. Secondary overtriage of pediatric neurosurgical trauma at a Level I pediatric trauma center. *J Neurosurg Pediatr*. 2018 Oct;22(4):375-383. doi: 10.3171/2018.5.PEDS182. Epub 2018 Jun 29. PubMed PMID: 29957140.
- 6: Dabek RJ, Baletic N, McUmber H, Nahed B, Haynes A, Eberlin KR, Bojovic B. Development of a primary melanoma in situ within a full-thickness skin graft overlying a free muscle flap: a case report. *Case Reports Plast Surg Hand Surg*. 2018 Apr 6;5(1):23-26. doi: 10.1080/23320885.2018.1452615. eCollection 2018. PubMed PMID: 29707609; PubMed Central PMCID: PMC5917313.
- 7: Goldstein HE, Neira JA, Banu M, Aldana PR, Braga BP, Brockmeyer DL, DiLuna ML, Fulkerson DH, Hankinson TC, Jea AH, Lew SM, Limbrick DD, Martin J, Pahys JM, Rodriguez LF, Rozzelle CJ, Tuite GF, Wetjen NM, Anderson RCE. Growth and alignment of the pediatric subaxial cervical spine following rigid instrumentation and fusion: a multicenter study of the Pediatric Craniocervical Society. *J Neurosurg Pediatr*. 2018 Jul;22(1):81-88. doi: 10.3171/2018.1.PEDS17551. Epub 2018 Apr 20. PubMed PMID: 29676682.
- 8: Reátegui E, van der Vos KE, Lai CP, Zeinali M, Atai NA, Aldikacti B, Floyd FP Jr, H Khankhel A, Thapar V, Hochberg FH, Sequist LV, Nahed BV, S Carter B, Toner M, Balaj L, T Ting D, Breakefield XO, Stott SL. Engineered nanointerfaces for microfluidic isolation and molecular profiling of tumor-specific extracellular vesicles. *Nat Commun*. 2018 Jan 12;9(1):175. doi: 10.1038/s41467-017-02261-1. PubMed PMID: 29330365; PubMed Central PMCID: PMC5766611.
- 9: Menger RP, Kalakoti P, Pugely AJ, Nanda A, Sin A. Adolescent idiopathic scoliosis: risk factors for complications and the effect of hospital volume on outcomes. *Neurosurg Focus*. 2017 Oct;43(4):E3.

doi: 10.3171/2017.6.FOCUS17300. PubMed PMID: 28965456.

10: Baaj AA, Brockmeyer D, Jea A, Samdani AF. Introduction. Pediatric spinal deformity. *Neurosurg Focus*. 2017 Oct;43(4):E1. doi: 10.3171/2017.7.FOCUS17468. PubMed PMID: 28965452.

11: Jada A, Mackel CE, Hwang SW, Samdani AF, Stephen JH, Bennett JT, Baaj AA. Evaluation and management of adolescent idiopathic scoliosis: a review. *Neurosurg Focus*. 2017 Oct;43(4):E2. doi: 10.3171/2017.7.FOCUS17297. PubMed PMID: 28965447.

12: Vivas AC, Hwang SW, Pahys JM. Insertion of magnetically controlled growing rods in a patient with a diaphragmatic pacemaker: case report. *Neurosurg Focus*. 2017 Oct;43(4):E14. doi: 10.3171/2017.7.FOCUS17356. PubMed PMID: 28965446.

13: Zuccaro M, Zuccaro J, Samdani AF, Pahys JM, Hwang SW. Intraoperative neuromonitoring alerts in a pediatric deformity center. *Neurosurg Focus*. 2017 Oct;43(4):E8. doi: 10.3171/2017.7.FOCUS17364. PubMed PMID: 28965444.

14: Lonner BS, Ren Y, Yaszay B, Cahill PJ, Shah SA, Betz RR, Samdani AF, Shufflebarger HL, Newton PO. Evolution of Surgery for Adolescent Idiopathic Scoliosis Over 20 Years: Have Outcomes Improved? *Spine (Phila Pa 1976)*. 2018 Mar 15;43(6):402-410. doi: 10.1097/BRS.0000000000002332. PubMed PMID: 28723878.

15: Yang Z, Jun H, Choi CI, Yoo KH, Cho CH, Hussaini SMQ, Simmons AJ, Kim S, van Deursen JM, Baker DJ, Jang MH. Age-related decline in BubR1 impairs adult hippocampal neurogenesis. *Aging Cell*. 2017 Jun;16(3):598-601. doi: 10.1111/accel.12594. Epub 2017 Apr 6. PubMed PMID: 28383136; PubMed Central PMCID: PMC5418205.

16: Aldave G, Hansen D, Hwang SW, Moreno A, Briceño V, Jea A. Spinal column shortening for tethered cord syndrome associated with myelomeningocele, lumbosacral lipoma, and lipomyelomeningocele in children and young adults. *J Neurosurg Pediatr*. 2017 Jun;19(6):703-710. doi: 10.3171/2017.1.PEDS16533. Epub 2017 Mar 31. PubMed PMID: 28362188.

17: Mackel CE, Cahill PJ, Roguski M, Samdani AF, Sugrue PA, Kawakami N, Sturm PF, Pahys JM, Betz RR, El-Hawary R, Hwang SW. Factors associated with spinal fusion after posterior fossa decompression in pediatric patients with Chiari I malformation and scoliosis. *J Neurosurg Pediatr*. 2016 Dec;25(6):737-743. Epub 2016 Sep 2. PubMed PMID: 27589598.

18: Lechpammer M, Tran YP, Wintermark P, Martínez-Cerdeño V, Krishnan VV, Ahmed W, Berman RF, Jensen FE, Nudler E, Zagzag D. Upregulation of cystathionine β -synthase and p70S6K/S6 in neonatal hypoxic ischemic brain injury. *Brain Pathol*. 2017 Jul;27(4):449-458. doi: 10.1111/bpa.12421. Epub 2016 Aug 28. Erratum in: *Brain Pathol*. 2017 Nov;27(6):856. PubMed PMID: 27465493.

19: Mühlebner A, van Scheppingen J, Hulshof HM, Scholl T, Iyer AM, Anink JJ, van den Ouweland AM, Nellist MD, Jansen FE, Spliet WG, Krsek P, Benova B, Zamecnik J, Crino PB, Prayer D, Czech T, Wöhrer A, Rahimi J, Höftberger R, Hainfellner JA, Feucht M, Aronica E. Novel Histopathological Patterns in Cortical Tubers of Epilepsy Surgery Patients with Tuberous Sclerosis Complex. *PLoS One*. 2016 Jun 13;11(6):e0157396. doi: 10.1371/journal.pone.0157396. eCollection 2016. PubMed PMID: 27295297; PubMed Central PMCID: PMC4905625.

20: Kim C, Vassilyadi M, Forbes JK, Moroz NW, Camacho A, Moroz PJ. Traumatic spinal injuries in children at a single level 1 pediatric trauma centre: report of a 23-year experience. *Can J Surg*. 2016 Jun;59(3):205-12. PubMed PMID: 27240286; PubMed Central PMCID: PMC4982866.

- 21: Jiang P, Chen C, Liu XB, Pleasure DE, Liu Y, Deng W. Human iPSC-Derived Immature Astroglia Promote Oligodendrogenesis by Increasing TIMP-1 Secretion. *Cell Rep*. 2016 May 10;15(6):1303-15. doi: 10.1016/j.celrep.2016.04.011. Epub 2016 Apr 28. PubMed PMID: 27134175; PubMed Central PMCID: PMC4864503.
- 22: Alsowayan O, Alzahrani A, Farmer JP, Capolicchio JP, Jednak R, El-Sherbiny M. Comprehensive analysis of the clinical and urodynamic outcomes of primary tethered spinal cord before and after spinal cord untethering. *J Pediatr Urol*. 2016 Oct;12(5):285.e1-285.e5. doi: 10.1016/j.jpuro.2016.02.012. Epub 2016 Mar 15. PubMed PMID: 27049673.
- 23: Zhai L, Wang L, Teng F, Zhou L, Zhang W, Xiao J, Liu Y, Deng W. Argonaute and Argonaute-Bound Small RNAs in Stem Cells. *Int J Mol Sci*. 2016 Feb 4;17(2):208. doi: 10.3390/ijms17020208. Review. PubMed PMID: 26861290; PubMed Central PMCID: PMC4783940.
- 24: De la Garza-Ramos R, Samdani AF, Sponseller PD, Ain MC, Miller NR, Shaffrey CI, Sciubba DM. Visual loss after corrective surgery for pediatric scoliosis: incidence and risk factors from a nationwide database. *Spine J*. 2016 Apr;16(4):516-22. doi: 10.1016/j.spinee.2015.12.031. Epub 2016 Jan 5. PubMed PMID: 26769351.
- 25: Alzahrani A, Alsowayan O, Farmer JP, Capolicchio JP, Jednak R, El-Sherbiny M. Comprehensive analysis of the clinical and urodynamic outcomes of secondary tethered spinal cord before and after spinal cord untethering. *J Pediatr Urol*. 2016 Apr;12(2):101.e1-6. doi: 10.1016/j.jpuro.2015.08.011. Epub 2015 Sep 26. PubMed PMID: 26454453.
- 26: Liu Y, Deng W. Reverse engineering human neurodegenerative disease using pluripotent stem cell technology. *Brain Res*. 2016 May 1;1638(Pt A):30-41. doi: 10.1016/j.brainres.2015.09.023. Epub 2015 Sep 28. Review. PubMed PMID: 26423934; PubMed Central PMCID: PMC4809784.
- 27: Li S, Xue H, Wu J, Rao MS, Kim DH, Deng W, Liu Y. Human Induced Pluripotent Stem Cell NEUROG2 Dual Knockin Reporter Lines Generated by the CRISPR/Cas9 System. *Stem Cells Dev*. 2015 Dec 15;24(24):2925-42. doi: 10.1089/scd.2015.0131. Epub 2015 Nov 5. PubMed PMID: 26414932; PubMed Central PMCID: PMC4683556.
- 28: Sim JC, Scerri T, Fanjul-Fernández M, Riseley JR, Gillies G, Pope K, van Roozendaal H, Heng JI, Mandelstam SA, McGillivray G, MacGregor D, Kannan L, Maixner W, Harvey AS, Amor DJ, Delatycki MB, Crino PB, Bahlo M, Lockhart PJ, Leventer RJ. Familial cortical dysplasia caused by mutation in the mammalian target of rapamycin regulator NPRL3. *Ann Neurol*. 2016 Jan;79(1):132-7. doi: 10.1002/ana.24502. Epub 2015 Dec 12. PubMed PMID: 26285051.
- 29: Lloyd CH, Srinath AK, Muchow RD, Iwinski HJ Jr, Talwalkar VR, Walker JL, Montgomery C, Milbrandt T. Efficacy of 2 Regional Pain Control Techniques in Pediatric Foot Surgery. *J Pediatr Orthop*. 2016 Oct-Nov;36(7):720-4. doi: 10.1097/BPO.0000000000000517. PubMed PMID: 25955172.
- 30: Blakeney WG, D'Amato C. Ventriculoperitoneal Shunt Fracture Following Application of Halo-Gravity Traction: A Case Report. *J Pediatr Orthop*. 2015 Sep;35(6):e52-4. doi: 10.1097/BPO.0000000000000510. PubMed PMID: 25955170.
- 31: McDonough A, Monterrubio A, Ariza J, Martínez-Cerdeño V. Calibrated forceps model of spinal cord compression injury. *J Vis Exp*. 2015 Apr 24;(98). doi: 10.3791/52318. PubMed PMID: 25938880; PubMed Central PMCID: PMC4541603.
- 32: Tse R, Kozin SH, Malessy MJ, Clarke HM. International Federation of Societies for Surgery of the Hand Committee report: the role of nerve transfers in the treatment of neonatal brachial plexus palsy.

J Hand Surg Am. 2015 Jun;40(6):1246-59. doi: 10.1016/j.jhsa.2015.01.027. Epub 2015 May 1. Review. PubMed PMID: 25936735.

33: Speltz ML, Birgfeld C, Starr JR, Collett B, Kapp-Simon K. The effects of whole-vault cranioplasty versus strip craniectomy on long-term neuropsychological outcomes in sagittal craniosynostosis. *Plast Reconstr Surg*. 2015 Mar;135(3):646e-647e. doi: 10.1097/PRS.0000000000001067. PubMed PMID: 25647708.

34: Kashiwagi A, Hosokawa S, Maeyama Y, Ueki R, Kaneki M, Martyn JA, Yasuhara S. Anesthesia with Disuse Leads to Autophagy Up-regulation in the Skeletal Muscle. *Anesthesiology*. 2015 May;122(5):1075-83. doi: 10.1097/ALN.0000000000000561. PubMed PMID: 25501690; PubMed Central PMCID: PMC4439320.

35: Powell A, Davidson L. Pediatric spinal cord injury: a review by organ system. *Phys Med Rehabil Clin N Am*. 2015 Feb;26(1):109-32. doi: 10.1016/j.pmr.2014.09.002. Review. PubMed PMID: 25479784.

36: Shank ES, Martyn JA, Donelan MB, Perrone A, Firth PG, Driscoll DN. Ultrasound-Guided Regional Anesthesia for Pediatric Burn Reconstructive Surgery: A Prospective Study. *J Burn Care Res*. 2016 May-Jun;37(3):e213-7. doi: 10.1097/BCR.0000000000000174. PubMed PMID: 25412051; PubMed Central PMCID: PMC4437969.

37: Sibbel SE, Bauer AS, James MA. Late reconstruction of brachial plexus birth palsy. *J Pediatr Orthop*. 2014 Oct-Nov;34 Suppl 1:S57-62. doi: 10.1097/BPO.0000000000000290. PubMed PMID: 25207738.

38: Vitale MG, Skaggs DL, Pace GI, Wright ML, Matsumoto H, Anderson RC, Brockmeyer DL, Dormans JP, Emans JB, Erickson MA, Flynn JM, Glotzbecker MP, Ibrahim KN, Lewis SJ, Luhmann SJ, Mendiratta A, Richards BS 3rd, Sanders JO, Shah SA, Smith JT, Song KM, Sponseller PD, Sucato DJ, Roye DP, Lenke LG. Best Practices in Intraoperative Neuromonitoring in Spine Deformity Surgery: Development of an Intraoperative Checklist to Optimize Response. *Spine Deform*. 2014 Sep;2(5):333-339. doi: 10.1016/j.jspd.2014.05.003. Epub 2014 Aug 27. PubMed PMID: 27927330.

39: Itoh T, Horiuchi M, Ikeda RH Jr, Xu J, Bannerman P, Pleasure D, Penninger JM, Tournier C, Itoh A. ZPK/DLK and MKK4 form the critical gateway to axotomy-induced motoneuron death in neonates. *J Neurosci*. 2014 Aug 6;34(32):10729-42. doi: 10.1523/JNEUROSCI.0539-14.2014. PubMed PMID: 25100604; PubMed Central PMCID: PMC4200111.

40: Chen C, Jiang P, Xue H, Peterson SE, Tran HT, McCann AE, Parast MM, Li S, Pleasure DE, Laurent LC, Loring JF, Liu Y, Deng W. Role of astroglia in Down's syndrome revealed by patient-derived human-induced pluripotent stem cells. *Nat Commun*. 2014 Jul 18;5:4430. doi: 10.1038/ncomms5430. PubMed PMID: 25034944; PubMed Central PMCID: PMC4109022.

41: Ramirez N, Flynn JM, Smith JT, Vitale M, Sturm PF, D'Amato C, Samdani A, Machiavelli R, El-Hawary R. Use of the S-hook for Pelvic Fixation in Rib-Based Treatment of Early-Onset Scoliosis: A Multicenter Study. *Spine (Phila Pa 1976)*. 2015 Jun 1;40(11):816-22. doi: 10.1097/BRS.0000000000000443. PubMed PMID: 24921843.

42: Ashraf A, Larson AN, Ferski G, Mielke CH, Wetjen NM, Guidera KJ. Spinal stenosis frequent in children with multiple hereditary exostoses. *J Child Orthop*. 2013 Jun;7(3):183-94. doi: 10.1007/s11832-013-0484-9. Epub 2013 Feb 19. PubMed PMID: 24432077; PubMed Central PMCID: PMC3672460.

43: Pahys JM, Lenke LG, Bridwell KH, Cho SK, Zebala LP, Kang MM, Cho W, Koester LA. Matched Cohort Analysis of Posterior-Only Vertebral Column Resection Versus Combined Anterior/Posterior

Vertebrectomy for Severe Spinal Deformity. *Spine Deform.* 2013 Nov;1(6):439-446. doi: 10.1016/j.jspd.2013.08.002. Epub 2013 Nov 21. PubMed PMID: 27927370.

44: El-Hawary R, Sturm PF, Cahill PJ, Samdani AF, Vitale MG, Gabos PG, Bodin ND, d'Amato CR, Harris C, Howard JJ, Morris SH, Smith JT. Sagittal Spinopelvic Parameters of Young Children With Scoliosis. *Spine Deform.* 2013 Sep;1(5):343-347. doi: 10.1016/j.jspd.2013.07.001. Epub 2013 Sep 25. PubMed PMID: 27927390.

45: Papadopoulos EC, Boachie-Adjei O, Hess WF, Sanchez Perez-Grueso FJ, Pellisé F, Gupta M, Lonner B, Paonessa K, Faloon M, Cunningham ME, Kim HJ, Mendelow M, Sacramento C, Yazici M; Foundation of Orthopedics and Complex Spine, New York, NY. Early outcomes and complications of posterior vertebral column resection. *Spine J.* 2015 May 1;15(5):983-91. doi: 10.1016/j.spinee.2013.03.023. Epub 2013 Apr 25. PubMed PMID: 23623509.

46: MacWilliams BA, Johnson BA, Shuckra AL, D'Astous JL. Functional decline in children undergoing selective dorsal rhizotomy after age 10. *Dev Med Child Neurol.* 2011 Aug;53(8):717-23. doi: 10.1111/j.1469-8749.2011.04010.x. Epub 2011 Jun 17. PubMed PMID: 21679359.

47: Kelly EH, Altiok H, Gorzkowski JA, Abrams JR, Vogel LC. How does participation of youth with spina bifida vary by age? *Clin Orthop Relat Res.* 2011 May;469(5):1236-45. doi: 10.1007/s11999-010-1693-x. PubMed PMID: 21116755; PubMed Central PMCID: PMC3069299.

48: Flanagan A, Gorzkowski M, Altiok H, Hassani S, Ahn KW. Activity level, functional health, and quality of life of children with myelomeningocele as perceived by parents. *Clin Orthop Relat Res.* 2011 May;469(5):1230-5. doi: 10.1007/s11999-010-1651-7. PubMed PMID: 21042893; PubMed Central PMCID: PMC3069265.

49: Altiok H, Finlayson C, Hassani S, Sturm P. Kyphectomy in children with myelomeningocele. *Clin Orthop Relat Res.* 2011 May;469(5):1272-8. doi: 10.1007/s11999-010-1641-9. PubMed PMID: 20957462; PubMed Central PMCID: PMC3069279.

50: Davids JR. The foot and ankle in cerebral palsy. *Orthop Clin North Am.* 2010 Oct;41(4):579-93. doi: 10.1016/j.ocl.2010.06.002. Review. PubMed PMID: 20868886.

51: Samdani AF, Fine AL, Sagoo SS, Shah SC, Cahill PJ, Clements DH, Betz RR. A patient with myelomeningocele: is untethering necessary prior to scoliosis correction? *Neurosurg Focus.* 2010 Jul;29(1):E8. doi: 10.3171/2010.3.FOCUS1072. PubMed PMID: 20594006.

52: Samdani AF, Ranade A, Saldanha V, Yondorf MZ. Learning curve for placement of thoracic pedicle screws in the deformed spine. *Neurosurgery.* 2010 Feb;66(2):290-4; discussion 294-5. doi: 10.1227/01.NEU.0000363853.62897.94. PubMed PMID: 20087128.

53: Ouellet JA, Geller L, Strydom WS, Rabzel M, Reindl R, Jarzem P, Arlet V. Pressure mapping as an outcome measure for spinal surgery in patients with myelomeningocele. *Spine (Phila Pa 1976).* 2009 Nov 15;34(24):2679-85. doi: 10.1097/BRS.0b013e3181bf8ee3. PubMed PMID: 19910772.

54: Samdani AF, Ranade A, Sciubba DM, Cahill PJ, Antonacci MD, Clements DH, Betz RR. Accuracy of free-hand placement of thoracic pedicle screws in adolescent idiopathic scoliosis: how much of a difference does surgeon experience make? *Eur Spine J.* 2010 Jan;19(1):91-5. doi: 10.1007/s00586-009-1183-6. Epub 2009 Oct 29. PubMed PMID: 19882179; PubMed Central PMCID: PMC2899745.

55: Gerlach DJ, Gurnett CA, Limpaphayom N, Alaei F, Zhang Z, Porter K, Kirchhofer M, Smyth MD,

Dobbs MB. Early results of the Ponseti method for the treatment of clubfoot associated with myelomeningocele. *J Bone Joint Surg Am*. 2009 Jun;91(6):1350-9. doi: 10.2106/JBJS.H.00837. PubMed PMID: 19487512.

56: Samdani AF, Torre-Healy A, Khalessi A, McGirt M, Jallo GI, Carson B. Intraventricular ganglioglioma: a short illustrated review. *Acta Neurochir (Wien)*. 2009 Jun;151(6):635-40. doi: 10.1007/s00701-009-0246-0. Epub 2009 Mar 17. Review. PubMed PMID: 19290468.

57: Samdani AF, Asghar J, Pahys J, D'Andrea L, Betz RR. Concurrent spinal cord untethering and scoliosis correction: case report. *Spine (Phila Pa 1976)*. 2007 Dec 15;32(26):E832-6. PubMed PMID: 18091479.

58: DeVera HV, Furukawa KT, Matson MD, Scavone JA, James MA. Regional techniques as an adjunct to general anesthesia for pediatric extremity and spine surgery. *J Pediatr Orthop*. 2006 Nov-Dec;26(6):801-4. PubMed PMID: 17065951.

59: Spiegel DA, Helseth PH, Roback SA, Partington MD, Cox TD. Atypical scoliosis in a 14-year-old girl. *Clin Orthop Relat Res*. 2006 Jun;447:270-6. Review. PubMed PMID: 16741481.

60: Johnston TE, Smith BT, Betz RR. Strengthening of partially denervated knee extensors using percutaneous electric stimulation in a young man with spinal cord injury. *Arch Phys Med Rehabil*. 2005 May;86(5):1037-42. PubMed PMID: 15895354.

61: Thomas SS, Buckon CE, Piatt JH, Aiona MD, Sussman MD. A 2-year follow-up of outcomes following orthopedic surgery or selective dorsal rhizotomy in children with spastic diplegia. *J Pediatr Orthop B*. 2004 Nov;13(6):358-66. PubMed PMID: 15599225.

62: Betz RR. Kyphosis of the thoracic and thoracolumbar spine in the pediatric patient: normal sagittal parameters and scope of the problem. *Instr Course Lect*. 2004;53:479-84. Review. PubMed PMID: 15116636.

63: Aiona MD, Sussman MD. Treatment of spastic diplegia in patients with cerebral palsy: Part II. *J Pediatr Orthop B*. 2004 May;13(3):S13-38. Review. PubMed PMID: 15083127.

64: Buckon CE, Thomas SS, Piatt JH Jr, Aiona MD, Sussman MD. Selective dorsal rhizotomy versus orthopedic surgery: a multidimensional assessment of outcome efficacy. *Arch Phys Med Rehabil*. 2004 Mar;85(3):457-65. PubMed PMID: 15031833.

65: Spiegel DA, Loder RT, Alley KA, Rowley S, Gutknecht S, Smith-Wright DL, Dunn ME. Spinal deformity following selective dorsal rhizotomy. *J Pediatr Orthop*. 2004 Jan-Feb;24(1):30-6. PubMed PMID: 14676531.

66: Feeley BT, Ip TC, Otsuka NY. Skeletal maturity in myelomeningocele. *J Pediatr Orthop*. 2003 Nov-Dec;23(6):718-21. PubMed PMID: 14581773.

67: Jacobs JM. Management options for the child with spastic cerebral palsy. *Orthop Nurs*. 2001 May-Jun;20(3):53-9; quiz 59-61. PubMed PMID: 12025635.

68: Buckon CE, Thomas SS, Harris GE, Piatt JH Jr, Aiona MD, Sussman MD. Objective measurement of muscle strength in children with spastic diplegia after selective dorsal rhizotomy. *Arch Phys Med Rehabil*. 2002 Apr;83(4):454-60. PubMed PMID: 11932845.

69: Mulcahey MJ, Smith BT, Betz RR. Evaluation of the lower motor neuron integrity of upper extremity

muscles in high level spinal cord injury. Spinal Cord. 1999 Aug;37(8):585-91. PubMed PMID: 10455536.

70: Buckon CE, Thomas S, Pierce R, Piatt JH Jr, Aiona MD. Developmental skills of children with spastic diplegia: functional and qualitative changes after selective dorsal rhizotomy. Arch Phys Med Rehabil. 1997 Sep;78(9):946-51. PubMed PMID: 9305266.

71: Thomas SS, Aiona MD, Buckon CE, Piatt JH Jr. Does gait continue to improve 2 years after selective dorsal rhizotomy? J Pediatr Orthop. 1997 May-Jun;17(3):387-91. PubMed PMID: 9150030.

72: Goodarzi M, Shier NH, Grogan DP. Does sympathetic blockade prevent the physiologic changes associated with tourniquet use in children? J Pediatr Orthop. 1997 May-Jun;17(3):289-92. PubMed PMID: 9150013.

73: Buckon CE, Sienko Thomas S, Aiona MD, Piatt JH. Assessment of upper-extremity function in children with spastic diplegia before and after selective dorsal rhizotomy. Dev Med Child Neurol. 1996 Nov;38(11):967-75. PubMed PMID: 8913178.

74: Thomas SS, Aiona MD, Pierce R, Piatt JH 2nd. Gait changes in children with spastic diplegia after selective dorsal rhizotomy. J Pediatr Orthop. 1996 Nov-Dec;16(6):747-52. PubMed PMID: 8906646.

75: Goodarzi M. The effect of perioperative and postoperative caudal block on pain control in children. Paediatr Anaesth. 1996;6(6):475-7. PubMed PMID: 8936546.

76: Little DG, Aiona M, Sussman M. Late hip subluxation in spastic diplegia associated with unrecognized hydrocephalus. J Pediatr Orthop. 1995 May-Jun;15(3):368-71. PubMed PMID: 7790497.

77: Walker JL, Evans JM, Resig P, Guarnieri S, Meade P, Siskin BS. Enhancement of functional recovery following a crush lesion to the rat sciatic nerve by exposure to pulsed electromagnetic fields. Exp Neurol. 1994 Feb;125(2):302-5. PubMed PMID: 8313945.

78: Betz RR, Mulcahey MJ, Smith BT, Triolo RJ, Weiss AA, Moynahan M, Keith MW, Peckham PH. Bipolar latissimus dorsi transposition and functional neuromuscular stimulation to restore elbow flexion in an individual with C4 quadriplegia and C5 denervation. J Am Paraplegia Soc. 1992 Oct;15(4):220-8. PubMed PMID: 1431869.

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