

Published Articles

1. Tenny S, Gillis CC. Annular Disc Tear. StatPearls (Internet). StatPearls Publishing; 2018. PMID 29083580
2. McMordie JH, Gillis CC. Cervical Fracture. StatPearls (Internet). StatPearls Publishing; 2018. PMID 28846229
3. Stobart Gallagher MA, Gillis CC. Central Cord Syndrome. StatPearls (Internet). StatPearls Publishing; 2018. PMID 28613518
4. Tenny S, Gillis CC. Spondylolisthesis. StatPearls (Internet). StatPearls Publishing; 2018. PMID 29083580
5. Tenny S, Ehlers LD, Robbins JW, Gillis CC. Marginal en bloc resection of C2-3 chordoma with bilateral vertebral artery preservation and mesh cage reconstruction with review of previously published cases. *World Neurosurgery*. 2017; 108:993e1-993e7.
6. Gillis CC. Reviewer Comment on 'Natural head posture in the setting of sagittal spinal deformity: validation of chin-brow vertical angle, slope of line of sight, and McGregor's slope with health-related quality of life. Lafage R, Challier V, Liabaud B, et al.' *Neurosurgery*. 2016; 79(1):115.
7. Gillis CC, Kaszuba MC, Traynelis VC. Cervical radiographic parameters in 1- and 2-level anterior cervical discectomy and fusion. *J Neurosurg Spine*. Epub 6 May 2016.
8. Gillis CC, Chang E, Al-Kharazi K, Pickles T. Secondary malignancy following radiotherapy for thyroid eye disease. *Rep Pract Oncol Radiother*. 2016 May-June; 21(3):156-161.
9. Honey CM, Poologaindran A, Mayhew M, Steen LV, Gillis CC. A refugee's perspective on their neurosurgical care in North America. *Surg Neurol Int*. 2015 Oct 30; 6:168.
10. Gillis CC, Eichholz K, Thoman WJ, Fessler RG. A minimally invasive approach to defects of the pars interarticularis: restoring function in competitive athletes. *Clinical Neurology and Neurosurgery*. Epub 28 August 2015. 2015 Dec; 139:29-34.

11. Gillis CC, Maguire JAC, Haw C. Multiple intracranial inflammatory pseudotumors. *International Journal of Case Reports and Images*. August 2015; 6(8). Open Access.
12. Samartzis D, Gillis CC, Shih P, O'Toole JE, Fessler RG. Part I – Intramedullary spinal cord tumors: epidemiology, pathophysiology and diagnosis. *Global Spine Journal*. Feb 2015. Open Access.
13. Samartzis D, Gillis CC, Shih P, O'Toole JE, Fessler RG. Part II – Intramedullary spinal cord tumors: management options and outcomes. *Global Spine Journal*. Feb 2015. Open Access.
14. Gillis CC, Street J, Boyd M, Fisher C. Pelvic reconstruction after sub-total sacrectomy for sacral chondrosarcoma using cadaveric and vascularized fibula autograft: a technical note. *J Neurosurg Spine*. 2014 Aug 1; 1-5 [Electronically published ahead of print]. 2014 Oct; 21(4): · Winner of Silver Award in medical illustration, Institute of Medical Illustrators, UK. · Featured in JNS Spine weekly podcast August 1, 2014
15. Griesdale DE, Mendelson AA, Gillis C, Henderson WR, Ronco JJ, Dhingra V. Re: Intracranial pressure monitors in traumatic brain injury: a systematic review. *Can J Neurol Sci*. 2013; 40:433-434. *Can J Neurol Sci*. 2013 May; 40(3):435
16. Liu V, Gillis C, Cochrane D, Singhal A, Steinbok P. CSF complications following intradural spinal surgeries in children. *Childs Nerv Syst*.
17. Al-Kharazi K, Gillis C, Steinbok P, Dunham C. Malignant desmoplastic infantile astrocytoma? A case report and review of the literature. *Clin Neuropathol*. Mar-Apr 2013;32(2):100-6
18. Mendelson A, Gillis C, Henderson W, Ronco J, Dhingra V, Griesdale D. Intracranial pressure monitors in traumatic brain injury: a systematic review. *Can J Neurol Sci*. 2012 Sep;39(5):571-6 · Editor's Choice Article (*Can J Neurol Sci*. Sept 2012)
19. Gillis CC, Gooderham PA, Haw CS. Traumatic entrapment of the anterior cerebral artery: A case report. *Clin Neurol Neurosurg*. April 2013;115(4):498-500
20. Gillis CC, Bader A, Boyd M. A Tail of Sacral Agensis: Delayed presentation of meningocele in sacral agensis, case report. *Eur Spine J*. May 2013;22 Suppl 3:S311-6

21. Wang L, Taneja R, Razavi HM, Law C, Gillis C, Mehta S. Specific Role of Neutrophil Inducible Nitric Oxide Synthase in Murine Sepsis-Induced Lung Injury in vivo. *Shock*. May 2012; 37(5):539-47

22. Fallah A, Ebrahim S, Haji F, Gillis C, Girgis F, Howe K, Ibrahim GM, Radic J, Shahideh M, Wallace MC. Surgical Activity of First-Year Canadian Neurosurgical Residents. *Can J Neurol Sci*. 2010; 37: 855-860

23. Wang L, Mehta S, Gillis C, Law C, Taneja R. Modulation of neutrophil apoptosis by murine pulmonary microvascular endothelial cell inducible nitric oxide synthase. *Biochem Biophys Res Commun*. Oct 15;401(2):207-12. Electronically published Sept 2010

Book Chapters

1. Gillis CC, Anderson PA, Savage JW, O'Toole JE. Chapter 17 Open posterior decompression and fusion for degenerative lumbar stenosis with spondylolisthesis. In: *Decision making in degenerative spinal surgery: A case based approach*. Editors Kern Singh and Sheeraz Qureshi. Nova Biomedical. 2015. eBook.

2. Gillis CC, O'Toole JE. Spinal metastases: surgery and adjuvant radiotherapy. In: *Contemporary Spine Surgery*. Editor Kern Singh. Continuing medical education publication. Wolters Kluwer. February 2016.

3. Gillis CC, O'Toole JE. Chapter 24 Tubular endoscopic approach to thoracic tumor, trauma and infection. In: *Benzel's Spine Surgery 4th Edition*. Editors Michael Steinmetz and Edward Benzel. Elsevier Publishing. 2016

4. Gillis CC, Fessler RG. Chapter 37: Minimally invasive operation for lumbar fusion, canal stenosis, degenerative scoliosis and spondylolisthesis. Is it possible? In: *Advanced Concepts in Lumbar Degenerative Disk Disease*. Editors João Luiz Pinheiro-Franco, Alexander R. Vaccaro, Edward C. Benzel, and H. Michael Mayer. Springer. 2016

5. Gillis CC, Fessler RG. Chapter 171 Minimally invasive lumbar interbody fusion. In: *Benzel's Spine Surgery 4th Edition*. Editors Michael Steinmetz and Edward Benzel. Elsevier Publishing. 2016

6. Gillis CC, O'Toole J, Traynelis VC. Chapter 60 Cervical interbody strut techniques. In: Benzel's Spine Surgery 4th Edition. Editors Michael Steinmetz and Edward Benzel. Elsevier Publishing. 2016
7. Deutsch H, Gillis CC, Eichholz K, Traynelis VC. Chapter 68 Posterior subaxial cervical instrumentation techniques. In: Benzel's Spine Surgery 4th Edition. Editors Michael Steinmetz and Edward Benzel. Elsevier Publishing. 2016
8. Gillis CC, Fessler RG. Chapter 70 Percutaneous and minimally invasive approaches to decompression, fusion, and fixation of the cervical spine. In: Benzel's Spine Surgery 4th Edition. Editors Michael Steinmetz and Edward Benzel. Elsevier Publishing. 2016
9. Gillis CC, Fessler RG. Chapter 10 Treatment for thoracic disc herniation. In: Minimally invasive spine surgery – Evidence based practice. Editor Kai-Uwe Lewandrowski. JP Medical Ltd. 2016
10. Gillis CC, Fessler RG. Interbody cage geometry, construct stability and alignment. In: Minimally invasive spine surgery – Evidence based practice. Editor Kai-Uwe Lewandrowski. JP Medical Ltd. 2016
11. Gillis CC, Fessler RG. Minimally invasive transforaminal lumbar interbody fusion. In: Minimally invasive spine surgery – Evidence based practice. Editor Kai-Uwe Lewandrowski. JP Medical Ltd. 2016
12. Gillis CC, O'Toole JE. Chapter 27 Tubular endoscopic approaches to cervical tumor, trauma and infection. In: Endoscopic Spine Surgery 2nd Edition. Editors Daniel Kim and Richard Fessler. Thieme. 2016
13. Gillis CC, O'Toole JE. Chapter 38 Tubular endoscopic approaches to thoracic tumor, trauma and infection. In: Endoscopic Spine Surgery 2nd Edition. Editors Daniel Kim and Richard Fessler. Thieme. 2016
14. Gillis CC, Fessler RG. Chapter 17 Minimally invasive decompression in the cervical spine. In: Neurosurgical Operative Atlas: Spine and Peripheral Nerves, 3rd Edition. Editors Christopher Wolfa and Daniel Resnick. Thieme. 2016

15. Gillis CC, Fessler RG. Chapter 34 Vertebroplasty. In: Neurosurgical Operative Atlas: Spine and Peripheral Nerves, 3rd Edition. Editors Christopher Wolfa and Daniel Resnick. Thieme. 2016

16. McMordie JH, Gillis CC, Aizenburg MA. Chapter 44 Minimally invasive approach to lumbar spine trauma. In: Degenerative, Traumatic and Infectious Lumbar Spinal Pathology: Diagnosis and Treatment. Editors Alessandro Landi, Vincenza Maiola, and Fabrizio Gregori. Nova Publishers. 4th quarter 2016.