

Jonathan P. Nakhla, MD

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April 3, 2021

Employment / Hospital Affiliations

2/20 - 8/20	Springhill Medical Center Staff Privileges	Mobile, AL
7/19 - 8/20	Mobile Infirmiry Medical Center Full-Time Neurosurgeon	Mobile, AL

Hospital Committees

7/20 - 8/20	Mobile Infirmiry Medical Staff Spine Leadership Committee Co-director	Mobile, AL
3/20 - 8/20	Mobile Infirmiry Medical Staff COVID-19 Leadership Committee Member, Surgery Team	Mobile, AL

Academic Appointments

7/18 – 6/19	Brown University/Lifespan Health System Junior Attending Neurosurgeon The Warren Alpert Medical School of Brown University Department of Neurological Surgery	Providence, RI
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Post Graduate Education and Training

7/18 – 6/19	Brown University/Lifespan Health System Spinal Oncology and Complex Spinal Reconstruction Instructor Warren Alpert Medical School, Department of Neurological Surgery Mentor: Ziya L. Gokaslan, MD, FAANS, FACS	Providence, RI
7/17 – 6/18	Albert Einstein College of Medicine/Montefiore Health System Chief Resident, Leo M. Davidoff Department of Neurological Surgery Mentor: Eugene Flamm, MD, FAANS, FACS Mentor: Emad Eskandar, MD, MBA, FAANS	Bronx, NY
1/17 – 6/17	Weill Cornell Medical College/New York Presbyterian Hospital Minimally Invasive Spinal Surgery and Navigation Enfolded Fellowship Weill Cornell Brain and Spine Center, Department of Neurological Surgery AOSpine North America Fellow	New York, NY

	Mentor: Roger Härtl, MD, FAANS	
7/16 – 12/16	Albert Einstein College of Medicine/Montefiore Health System Spinal Oncology and Complex Reconstructive Spine Enfolded Fellowship Leo M. Davidoff Department of Neurological Surgery Mentor: Reza Yassari, MD, MSc, FAANS, FACS	Bronx, NY
1/15 – 6/16	Albert Einstein College of Medicine/Montefiore Health System Senior Resident, Leo M. Davidoff Department of Neurological Surgery	Bronx, NY
7/14 – 12/14	Icahn School of Medicine at Mount Sinai/Roosevelt & Beth Israel Senior Resident, Department of Neurosurgery Mentor: Saadi Ghatan, MD, FAANS	New York, NY
7/12 – 6/14	Albert Einstein College of Medicine/Montefiore Health System Junior Resident, Leo M. Davidoff Department of Neurological Surgery	Bronx, NY
7/11 – 6/12	Albert Einstein College of Medicine/Montefiore Health System Internship, Leo M. Davidoff Department of Neurological Surgery	Bronx, NY

Education

7/06 – 5/11	Duke University School of Medicine Doctor of Medicine	Durham, NC
8/02 – 5/06	University of Florida BA, Business Economics Chemistry Minor	Gainesville, FL
8/99 – 6/02	International Academy International Baccalaureate Diploma	Bloomfield Hills, MI
Summer 99/00	University of South Florida Summer Mathematics Program, Highest Honors	Tampa, FL

Licensure & Certification

	Medical Licenses
April 2018	Alabama State: MD.36939
January 2018	Rhode Island State: MD16140
December 2016	New York State: 287101
	DEA Registration
October 2017	DEA Number: *****
	American Board of Neurological Surgery
March 2016	Written Exam
	United States Medical Licensing Exam

October 2016	Step 3
March 2011	Step 2 CS
January 2011	Step 2 CK
May 2010	Step 1

Advanced Medical Certification

Expires 12/2019	Advanced Cardiac Life Support
Expires 10/2019	Basic Life Support

Awards and Honors

2018	Albert Einstein College of Medicine Outstanding Achievement in the Teaching of Medical Students
2016	New York State Society of Neurosurgery resident research night, 3 rd Place
2009	Duke University School of Medicine, Department of Surgery, R. Randall Bollinger Surgical Scholarship (\$1500) and Award
2008	American Brain Tumor Association Medical Student Summer Fellowship and Grant (\$1250)
2007	Mensa International Member
2003-06	Golden Key International Honor Society, University of Florida
2003-06	National Society of Collegiate Scholars, University of Florida
2002	Michigan Merit Award
2002	High School Fed Reserve Challenge, 2 nd Place; Chicago, IL
1999	Poetry Contest, 1 st Place; Polk County, FL

Professional Appointments

2017 – 2019	Congress of Neurological Surgeons Resident Leadership Fellows Program
2016 – 2018	Neurological Surgery Medical Student Clerkship Instructor, Albert Einstein College of Medicine/Montefiore Health System
2015 – 2018	Resident Program Evaluation Committee, Albert Einstein College of Medicine/Montefiore Health System

Professional Memberships

11/19 – Current	Coptic Medical Association of North America
8/19 – Current	Neurosurgical Society of Alabama
10/17 – Current	AOSpine
8/15 – Current	North American Spine Society
7/11 – Current	American Association of Neurological Surgeons

7/11 – Current Congress of Neurological Surgeons
 2006 – 2011 American Medical Student Association, Medical Student Section

Basic Science Research Experience

7/08 – 8/09 **Duke University School of Medicine 3rd Year Research Program** Durham, NC
 Duke University Molecular Neuro-Oncology Laboratory
 Mentor: David Cory Adamson, MD, PhD, MPH, MHSc, FAANS, FACS

- Exploring the role of the novel oncogene OTX2 in retinoblastoma and pineoblastoma.

9/04 – 12/05 **University of Florida Undergraduate Research Assistant** Gainesville, FL
 Department of Surgery, Shands Cancer Center
 Mentor: William Cance, MD, FACS

- Evaluating the effects of focal adhesion kinase on cell mediated apoptosis in pancreatic cancer.

Peer-Reviewed Scientific Publications

1. Gelfand Y, Benton JA, Longo M, de la Garza Ramos R, Berezin N, **Nakhla JP**, Yanamadala V, Yassari R. “Comparison of 30-Day Outcomes in Patients with Cervical Spine Metastasis Undergoing Corpectomy Versus Posterior Cervical Laminectomy and Fusion: A 2006-2016 ACS-NSQIP Database Study.” *World Neurosurgery*. 2020 Nov 28;S1878-8750(20)32511-0. PMID: 33253949.
2. Gelfand Y, Longo M, Berezin N, **Nakhla JP**, De la Garza-Ramos R, Agarwal V. “Risk Factors for 30-Day Non-Neurological Morbidity and Cerebrospinal Fluid Leak in Patients Undergoing Surgery for Vestibular Schwannoma.” *J Neurol Surg B Skull Base*. 2020 Oct; 81(5):546-552. PMID: 33134021.
3. Yu JYH, Collins S, Liu DD, Leary OP, Merck D, Konakondla S, **Nakhla J**, Barber SM, Telfeian AE, Oyelese AA, Gokaslan ZL, Fridley JS. “Objective indirect assessment of transverse ligament competence using quantitative analysis of 3D segmented flexion-extension computed tomography.” *World Neurosurgery*. 2019 Dec 30. PMID: 31899395.
4. Barber SM, Konakondla S, **Nakhla J**, Fridley JS, Xia J, Oyelese AA, Telfeian AE, Gokaslan ZL. “Oncologic Benefits of Dural Resection in Spinal Meningiomas: A Meta-Analysis of Simpson Grades and Recurrence Rates.” *J Neurosurg Spine*. 2019 Nov 8:1-11. PMID: 31703204.
5. Kinon MD, Greeley SL, Harris JA, Gelfand Y, Yassari R, **Nakhla J**, De la Garza-Ramos R, Pavan P, Mirabile B, Bucklen BS. “Biomechanical Evaluation Comparing Zero-Profile Devices Versus Fixed Profile Systems in a Cervical Hybrid Decompression Model: A Biomechanical In Vitro Study.” *Spine J*. 2019 Oct 18. PMID: 31634616.
6. Barber SM, Konakondla S, **Nakhla J**, Fridley JS, Xia J, Oyelese AA, Telfeian AE, Gokaslan ZL. “Spinal Dural Resection for Oncological Purposes: A Systematic Analysis of Risks and Outcomes in Patients with Malignant Spinal Tumors.” *J Neurosurg Spine*. 2019 Oct 18:1-10. PMID: 31628279.
7. Fluss R, Laaraker AS, **Nakhla J**, Brook AL, Altschul DJ. “Prolonged Delayed Vasospasm in the setting of non-aneurysmal intraventricular hemorrhage.” *Surg Neurol Int*. 2019 Mar 11; 10:29. PMID: 31528367.

8. Barber SM, **Nakhla J**, Konakondla S, Fridley JS, Oyelese AA, Gokaslan ZL, Telfeian AE. "Outcomes of endoscopic discectomy compared with open microdiscectomy and tubular microdiscectomy for lumbar disc herniations: a meta-analysis." *JNS Spine*. 2019 Sep 6:1-14. PMID: 31491760.
9. Fanous AA, Kolcun JPG, Brusko GD, Paci M, Ghobrial GM, **Nakhla J**, Eleswarapu A, Lebowhl NH, Green BA, Gjolaj JP. "Surgical Site Infection as a Risk Factor for Long-Term Instrumentation Failure in Patients with Spinal Deformity: A Retrospective Cohort Study." *World Neurosurgery*. 2019 Aug 23. PMID: 31449998.
10. Barber SM, Fridley JS, Konakondla S, **Nakhla J**, Oyelese AA, Telfeian AE, Gokaslan ZL. "Cerebrospinal fluid leaks after spine tumor resection: avoidance, recognition and management." *Ann Transl Med*. 2019 May;7(10):217. PMID: 31297382.
11. Maldovan K, Konakondla S, Barber SM, **Nakhla J**, Fridley JS, Telfeian AE, Gokaslan ZL, Oyelese AA. "Intraoperative CT Navigation-Assisted Resection of Symptomatic Intramedullary Spinal Cord Cavernoma: A Technical Note and Case Report." *World Neurosurg*. 2019 June 20. PMID: 31229746.
12. De la Garza Ramos R, Nouri A, **Nakhla J**, Echt M, Gelfand Y, Patel SK, Nasser R, Cheng JS, Yassari R, Fehlings MG. "Predictors of Return to Normal Neurological Function after Surgery for Moderate and Severe Degenerative Cervical Myelopathy: An Analysis of A Global AOSpine Cohort of Patients." *Neurosurgery*. 2019 May 30. PMID: 31144725.
13. Barber S, Fridley JS, Konakondla S, **Nakhla J**, Oyelese AA, Telfeian AE, Gokaslan ZL. "Cerebrospinal fluid leaks after spine tumor resection: avoidance, recognition and management." *Ann Transl Med*. 2019;7(10):217.
14. Konakondla S, Albers JA, Li X, Barber SM, **Nakhla J**, Houghton CE, Telfeian AE, Oyelese AA, Fridley JS, Gokaslan ZL. "Maximizing Sacral Chordoma Resection by Precise 3-D Tumor Modeling in the OR using Intra-Operative CT Registration with Pre-Operative MRI Fusion and Intra-Operative Neuronavigation: A Case Series." *World Neurosurg*. 2019 Feb 18. pii: S1878-8750(19)30376-6. PMID: 30790740.
15. De la Garza Ramos R, **Nakhla J**, Sciubba D, Yassari R. Iliac screw versus S2 alar-iliac (S2AI) screw fixation in adults: A meta-analysis. *J Neurosurg Spine*. 2018 Nov 1:1-6. PMID: 30497149.
16. De la Garza Ramos R, **Nakhla J**, Bhashyam N, Ammar AE, Scoco AN, Kinon MD, Yassari R. Trends in the use of bone morphogenetic protein-2 in adult spinal deformity surgery: A 10-year analysis of 54,054 patients. *Int J Spine Surg*. 2018 Aug 31;12(4):453-459. PMID: 30276105.
17. De la Garza Ramos R, **Nakhla J**, Echt M, Gelfand Y, Scoco AN, Kinon MD, Yassari R. Risk factors for 30-day readmissions and reoperations after three-column osteotomy for spinal deformity. *Global Spine J*. 2018 Aug;8(5):483-489. Epub 2018 Apr 26. PMID: 30258754.
18. De la Garza Ramos R, **Nakhla J**, Echt M, Gelfand Y, Altschul D, Woojin C, Kinon MD, Yassari R. A National Analysis on Predictors of Discharge to Rehabilitation after Corrective Surgery for Adolescent Idiopathic Scoliosis. *Spine (Phila Pa 1976)*. 2018 Jun 21. PMID: 29933335.
19. Echt M, De la Garza Ramos R, **Nakhla J**, Gelfand Y, Cezayirli P, Holland R, Kinon MD, Yassari R. The Effect of Cigarette Smoking on Wound Complications After Single-Level Posterolateral and Interbody Fusion for Spondylolisthesis. *World Neurosurg*. 2018 May 23. pii: S1878-8750(18)31056-8. PMID: 29803058.
20. De la Garza Ramos R, **Nakhla J**, Echt M, Gelfand Y, Altschul D, Woojin C, Kinon MD, Yassari R. Use of Bone Morphogenetic Protein-2 in Vertebral Column Tumor Surgery: A National Investigation. *World Neurosurgery*. 2018 May 4. pii: S1878-8750(18)30910-0. PMID: 29733987.

21. De la Garza-Ramos R, **Nakhla J**, Gelfand Y, Echt M, Scoco AN, Kinon MD, Yassari R. Predicting critical care unit-level complications after long-segment fusion procedures for adult spinal deformity. *J Spine Surg.* 2018 Mar; 4(1):55-61. PMID: 29732423.
22. Kobets AJ, Altschul DJ, **Nakhla J**, Kwan KK, Schneider J, Gordon DS. Spontaneous, Atraumatic Posterior Fossa Subdural Hematoma. *J Clin Neurosci.* May 2018 (51): 62, 103-4.
23. Kobets AJ, Ammar A, **Nakhla J**, Scoco A, Nasser R, Goodrich JT, Abbott IR. Virtual Modeling, Stereolithography, and Intraoperative CT Guidance for the Optimization of Sagittal Synostosis Reconstruction: A Technical Note. *Child Nerv Sys.* 2018 Feb 19. PMID: 29460063.
24. Hamad MK, He K, Luceri R, Abdulrazeq HF, **Nakhla J**, Mustafa AM, Kamal N, Ali M, Herzallah MM, Mammis A. Potential Uses of Isolated Toxin Peptides in Neuropathic Pain Relief: A Literature Review. *World Neurosurg.* 2018 Feb 5. pii: S1878-8750(18)30159-1. PMID: 29421449.
25. Del Castillo-Calcáneo JD, Navarro-Ramirez R, **Nakhla J**, Kim E, Härtl R. Minimally Invasive treatment for a Sacral Tarlov Cyst through tubular retractors: Case report. *World Neurosurg.* 2017 Dec;108:993.e9-993.e11. PMID: 28890008.
26. **Nakhla J**, Nasser R, De la Garza Ramos R, Kobets AJ, Ammar A, Echt M, Gelfand Y, Kinon MD, Yassari R. Anterior Lumbar Dural Tear: A Transthecal Route for Primary Closure after Iatrogenic Durotomy. *World Neurosurg.* 2017 Nov;107:522-525. PMID: 28823663.
27. De la Garza Ramos R, **Nakhla J**, Nasser R, Schulz JF, Purvis TE, Sciubba DM, Kinon MD, Yassari R. The effect of body mass index on surgical outcomes after posterior spinal fusion for adolescent idiopathic scoliosis. *N Focus.* 2017 Oct;43(4):E5. PMID: 28965443.
28. De la Garza Ramos R, Haranhalli N, Kobets AJ, **Nakhla J**, Brook AL, Yassari R, Flamm ES, Altschul DJ. The Effect of July Admission on Inpatient Morbidity, Mortality, and Discharge Disposition after Endovascular Coiling in Subarachnoid Hemorrhage. *World Neurosurg.* 2017 Sep 26. pii: S1878-8750(17)31642-X. PMID: 28962954.
29. Nasser R, **Nakhla J**, Echt M, De la Garza Ramos R, Kinon MD, Sharon A, Yassari R. Minimally Invasive Separation Surgery with Intraoperative Stereotactic Guidance: A Technical Note. *World Neurosurg.* 2017 Sep 19. pii: S1878-8750(17)31574-7. PMID: 28939543.
30. **Nakhla J**, Bhashyam N, De la Garza Ramos R, Nasser R, Kinon MD, Yassari R. Minimally Invasive Transpedicular Approach for the Treatment of Central Calcified Thoracic Disc Disease: A Technical Note. *Eur Spine J.* 2017 Dec 15. PMID: 29247397.
31. Houten JK, **Nakhla J**, Ghandi S. Image Guidance to Aid Pedicle Screw Fixation of a Lumbar Fracture-Dislocation Injury in a Toddler. *World Neurosurg.* 2017 Sep;105:1041.e15-1041.e17. PMID: 28710046.
32. De la Garza Ramos R, **Nakhla J**, Nasser R, Jada A, Purvis TE, Sciubba DM, Kinon M, Yassari R. Factors associated with prolonged ventilation and reintubation in adult spinal deformity surgery. *J Clin Neurosci.* 2017 Sep;43:188-191. Epub 2017 May 24. PMID: 28551313.
33. De la Garza Ramos R, Goodwin CR, **Nakhla J**, Nasser R, Yassari R, Flamm ES, Bydon A, Colby G, Sciubba DM. The Nationwide Burden of Neurologic Conditions Requiring Emergency Neurosurgery. *Neurosurgery.* 2017 Sep 1;81(3):422-431. PMID: 28327940.
34. **Nakhla J**, de la Garza Ramos R, Bhashyam N, Kobets A, Nasser R, Echt M, Lang G, Navarro-Ramirez R, Jada A, Kinon M, Yassari R. The impact of kidney disease on acute tubular necrosis and surgical site infection after lumbar fusion. *World Neurosurg.* 2017 Sep;105:498-502. PMID: 28552699.

35. De la Garza Ramos R, **Nakhla J**, Nasser R, Jada A, Bhashyam N, Kinon MD, Yassari R. Volume-outcome relationship after 1 and 2 level anterior cervical discectomy and fusion. *World Neurosurg.* 2017 May 19. pii: S1878-8750(17)30759-3. PMID: 28532909.
36. Bhashyam N, De la Garza Ramos R, **Nakhla J**, Jacob J, Echt M, Ammar A, Nasser R, Yassari R, Kinon MD. Impact of BMI on 30-day outcomes after spinopelvic fixation surgery. *Surg Neurol Int.* 2017 Aug 9; 8:176. PMID: 28868188.
37. Kobets AJ, Scoco A, **Nakhla J**, Brook AL, Kinon MD, Baxi N, Altschul D. Flow-diverting Stents for the Obliteration of Symptomatic, Infectious Cavernous Carotid Artery Aneurysms. *Operative Neurosurgery.* Oper Neurosurg (Hagerstown). 2017 Aug 5. PMID: 28961750.
38. Lang G, Navarro-Ramirez R, Gandevia L, Hussain I, **Nakhla J**, Zubkov M, Härtl R. Elimination of Subsidence with 26mm Wide Cages in Extreme Lateral Interbody Fusion. *World Neurosurg.* 2017 Aug;104:644-652. PMID: 28526641.
39. De la Garza Ramos R, **Nakhla J**, Scoco A, Nasser R, Jada A, Kinon MD, Yassari R. Case-control study of risk factors for surgical site infection after three-column osteotomy for complex spine deformity. *Turk Neurosurg.* 2017 Jun 2. PMID: 28656584.
40. Laarakker AS, **Nakhla J**, Kobets A, Abbott R. Incidental Choroid Plexus Papilloma in a Child: A Difficult Decision. *Surgical Neurol Int.* 2017 May 26;8:86. PMID: 28607820.
41. De la Garza Ramos R, **Nakhla J**, Nasser R, Jada A, Sciubba DM, Kinon MD, Yassari R. The impact of hospital teaching status on timing of intervention, inpatient morbidity, and mortality after surgery for vertebral column fractures with spinal cord injury. *World Neurosurg.* 2017 Mar;99:140-144. PMID: 27915066.
42. Haranhalli N, **Nakhla JP**, Yassari R, Kinon MD. Radiographic Pearls in the Evaluation of an Extradural Thoracic Meningioma: A Case Report. *Cureus.* 2017 Feb 15;9(2):e1031. PMID: 28357163.
43. Altschul D, Kobets A, **Nakhla J**, Jada A, Nasser R, Kinon MD, Yassari R, Houten J. Postoperative Urinary Retention in Elective Spinal Surgery Patients. *J Neurosurg Spine.* 2017 Feb; 26(2):229-234. PMID: 27767680.
44. Bhashyam N, De la Garza Ramos R, **Nakhla J**, Nasser R, Jada A, Purvis TE, Sciubba DM, Kinon MD, Yassari R. Thirty-day readmission and reoperation after single-level anterior cervical discectomy and fusion versus cervical disc replacement. *Neurosurg Focus.* 2017 Feb; 42(2):E6. PMID: 28142261.
45. **Nakhla J**, Kobets AJ, De la Garza Ramos R, Haranhalli N, Gelfand Y, Ammar A, Echt M, Scoco A, Kinon MD, Yassari R. The Use of Google Glass to Enhance the Surgical Education of Neurosurgery Residents: A “Proof-of-Concept” Study. *World Neurosurg.* 2017 Feb;98:711-714. PMID: 27923752.
46. **Nakhla J**, Bhashyam N, Yassari R. Ambiguous Subdural Collection. *Clin Case Rep.* 2016 Dec 26;5(2):193-194. PMID: 28174649.
47. Kobets AJ, **Nakhla J**, Biswas A, Kinon MD, Yassari R, Abbott IR. Isolated Synchronosis Fracture of the Atlas Presenting as Rotatory Fixation of the Neck: Case Report and Review of Literature. *Surg Neurol Int.* 2016 Dec 26;7(Suppl 42):S1092-S1095. PMID: 28144492.
48. Kinon MD, **Nakhla J**, Brown K, Bhashyam N, Yassari R. Ultra-Delayed Lumbar Surgical Wound Hematoma. *Surg Neurol Int.* 2016 Dec 26;7(Suppl 42):S1089-S1091. PMID: 28144491.

49. Altschul D, Biswas A, **Nakhla J**, Echt M, Gordon D. Novel Double Catheter Technique with Detachable Tip Microcatheter for the Treatment of Arteriovenous Malformations: A Technical Note. *Surg Neurol Int*. 2016 Dec 21;7(Suppl 41):S1072-S1074. PMID: 28144487.
50. Laaraker A, **Nakhla JP**, Lasala PA. Surprising Skull Lesion. *J Clin Neurosci*. 2016 Dec (34):208, 305.
51. Nasser R, **Nakhla J**, Sharif S, Kinon M, Yassari R. Penetrating thoracic spinal cord injury with ice pick extending into the aorta. A technical note and review of the literature. *Surg Neurol Int*. 2016 Nov 9; 7(Suppl 28):S763-S766. PMID: 27904758.
52. Ashayeri K, Nasser R, **Nakhla J**, Yassari R. The use of a pedicle screw-cortical screw hybrid system for the surgical treatment of a patient with congenital multilevel spinal non-segmentation defect and spinal column deformity: a technical note. *Eur Spine J*. 2016 Nov; 25(11):3760-3764. PMID: 27137999.
53. Legatt AD, Laaraker AS, **Nakhla JP**, Nasser R, Altschul DJ. Somatosensory Evoked Potential Monitoring Detection of Carotid Compression During ACDF Surgery in a Patient with a Vascularly Isolated Hemisphere. *J Neurosurg Spine*. 2016 Nov; 25(5):566-571. PMID: 27285667.
54. De la Garza Ramos R, Jain A, **Nakhla J**, Nasser R, Puvanesarajah V, Hassanzadeh H, Yassari R, Sciubba DM. Postoperative morbidity and mortality after elective anterior cervical fusion in patients with chronic and end-stage renal disease. *World Neurosurg*. 2016 Nov;95:480-485. PMID: 27373417.
55. Kinon MD, Nasser R, **Nakhla JP**, Adogwa O, Moreno JR, Harowicz M, Verla T, Yassari R, Bagley CA. Predictive Parameters for the antecedent development of hip pathology associated with long segment fusions to the pelvis for the treatment of adult spinal deformity. *Surg Neurol Int*. 2016 Oct 20;7:93. PMID: 27857857.
56. Kinon MD, Nasser R, **Nakhla J**, Desai R, Moreno JR, Yassari R, Bagley CA. Atlantoaxial rotatory subluxation: a review for the pediatric emergency medicine physician. *Pediatr Emerg Care*. 2016 Oct; 32(10):710-716. PMID: 27749670.
57. Gajavelli S, **Nakhla J**, Nasser R, Yassari R, Weidenheim KM, Graber J. Ollier Disease with Anaplastic Astrocytoma: A Review of the Literature and a Unique Case. *Surg Neurol Int*. 2016 Sep 1; 7(Suppl 23): S607-11. PMID: 27656320.
58. Nasser R, Drazin D, **Nakhla J**, Al-Khouja L, Brien E, Baron EM, Kim TT, Patrick Johnson J, Yassari R. Resection of Spinal Column Tumors utilizing image-guided navigation: A multicenter analysis. *Neurosurg Focus*. 2016 Aug;41(2):E15. PMID: 27476839.
59. Kosse A, **Nakhla JP**, Yassari R, Abramowicz AE, Brook A. Retained Needle After Cement Injection during Vertebroplasty and Management. *J Neurointerv Surg*. 2016 Feb 24. PMID: 26911334.
60. **Nakhla J**, Nasser R, Yassari R, Pasquale D, Altschul D. Ruptured Anterior Spinal Artery Aneurysm from a Herniated Cervical Disk. A Case Report and Review of the Literature. *Surg Neurol Int*. 2016 Jan 28;7:10. PMID: 26862449.
61. Kinon MD, Nasser R, **Nakhla J**, Yassari R, Desai R, Bagley C. Traumatic pediatric atlantoaxial rotatory subluxation successfully reduced and discharged from the emergency department: a case report. *J Spine*. 2015 Nov 23; S6:005.
62. Li J, Di C, Jing J, Di Q, **Nakhla J**, Adamson DC. OTX2 is a therapeutic target for retinoblastoma and may function as a common factor between C-MYC, CRX, and phosphorylated RB pathways. *Int J Oncol*. 2015 Nov;47(5):1703-10. PMID: 26397460.

Peer-Reviewed Accepted Scientific Publications

1. Konakondla S, Nakhla J, Xia J, Barber SM, Fridley JS, Oyelese AA, Gokaslan ZL, Rainov NG, Haritonov DG, Wagner R, Telfeian AE. "A Novel Endoscopic Technique for Biopsy and Tissue Diagnosis for a Paraspinal Thoracic Tumor in a Pediatric Patient: A Case Report. *Int J Spine Surg*. Accepted Jan 2020.
2. Del Castillo-Calcáneo JD, Navarro-Ramirez R, Gimenez-Gigon M, Adjei J, Damolla A, **Nakhla J**, Hernandez N, Härtl R. Principles and Fundamentals of Minimally Invasive Spine Surgery. *World Neurosurg*. Accepted June 2018.

Oral and Invited International Presentations (Presenter with Asterisk)

1. *Gelfand Y, De la Garza Ramos R, Echt M, **Nakhla J**, Longo M, Yassari R. "Comparing Complication Rates for Corpectomy Versus Posterior Approaches in Operations For Metastatic Cervical Spine Disease: A National Database Study." AOSpine Global Spine Congress, Toronto, May 2019.
2. *Evans H, Patel K, Matur A, De la Garza Ramos R, **Nakhla J**, Yassari R, Nasser R, Stevenson C, Mangano F, Nouri A, Cheng JS. "Demographics, Comorbidities, and Common Procedures in Children with Klippel-Feil Syndrome: Analysis of the Pediatric National Surgical Quality Improvement Program." AOSpine Global Spine Congress, Toronto, May 2019.
3. *Echt M, Longo M, De la Garza R, Gelfand Y, **Nakhla J**, Cezayirli P, Ammar A, Haranhalli N, Kobets AJ, Kinon MD, Yassari R. "Impact of anterior plating vs. stand-alone cage on rate of fusion, subsidence, and adjacent segment disease in single level corpectomy for cervical spondylosis: a retrospective review." The Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Spine Summit, Miami, FL, March 2019.
4. *De la Garza Ramos R, **Nakhla J**, Bhashyam N, Scoco A, Nasser R, Jada A, Kinon M, Yassari R. "The Effect of Body Mass Index on Surgical Outcomes After Posterior Spinal Fusion for Adolescent Idiopathic Scoliosis." AOSpine Global Spine Congress, Singapore, May 2018.
5. Kinon MD, Greeley SL, Harris JA, Gelfand Y, Yassari R, ***Nakhla J**, De la Garza Ramos R, Patel P, Mirabile B, Bucklen BS. "Do Zero-Profile Devices Affect Long-term Stability in a Cervical Hybrid Decompression Model? A Biomechanical In-Vitro Study." AOSpine Global Spine Congress, Singapore, May 2018.
6. Kinon MD, Greeley SL, Harris JA, Gelfand Y, Yassari R, **Nakhla J**, De la Garza Ramos R, Patel P, Mirabile B, *(Andrew Kobets, MD), Bucklen BS. "Biomechanical Evaluation Examining the Importance of Posterior Fixation in a Cervical Hybrid Decompression Model Using Both Traditional Methods and Zero-Profile Devices." AOSpine Global Spine Congress, Singapore, May 2018.
7. De la Garza Ramos R, ***Nakhla J**, Bhashyam N, Nasser R, Jada A, Sciubba D, Yassari R. "Risk factors for 30-day readmissions and reoperations after three-column osteotomy for complex spinal deformity." AOSpine Global Spine Congress, Milan, Italy, May 2017.
8. *De la Garza Ramos R, **Nakhla J**, Nasser R, Jada A, Haranhalli N, Sciubba D, Yassari R. "Factors associated with prolonged ventilation and reintubation in adult spinal deformity (ASD) surgery." AOSpine Global Spine Congress, Milan, Italy, May 2017.
9. Bhashyam N, De la Garza Ramos R, **Nakhla J**, Kinon MD, *Yassari R. "30-day Readmission and Reoperation after Single-level Anterior Cervical Discectomy and Fusion versus Cervical Disc Replacement." AOSpine Global Spine Congress, Milan, Italy, May 2017.

Oral and Invited National Presentations (Presenter with Asterisk)

1. ***Nakhla J**. “Management of the Cancer Patient with Spinal Metastases.” College of Medicine at University of South Alabama, Department of Orthopedic Surgery grand rounds, Mobile, AL, March 2020.
2. ***Nakhla J**, Gelfand Y, De la Garza R, Barber SM, Konakondla S, Fridley J, Oyelese AA, Telfeian, AE, Gokaslan ZL. “Predictors of 30-day Mortality and Morbidity in Patients Undergoing C1-C2 Fusion for the Surgical Treatment of C2 Fractures.” The Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Spine Summit, Miami, FL, March 2019.
3. ***Nakhla J**, Gelfand Y, Moldovan K, De la Garza R, Barber SM, Konakondla S, Fridley J, Telfeian AE, Hepel J, Gokaslan ZL, Oyelese AA. “Evaluating Pain in Patients with and without Stabilization Surgery using Multifraction Stereotactic Body Radiation Therapy for Spine Metastases.” The Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Spine Summit, Miami, FL, March 2019.
4. De la Garza Ramos R, Longo M, Gelfand Y, Echt M, **Nakhla J**, Yanamadala V, Kinon MD, Yassari R. “Timing of Prophylactic Anticoagulation and its Effect on Thromboembolic Events after Surgery for Metastatic Tumors of The Spine.” The Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Spine Summit, Miami, FL, March 2019.
5. De la Garza Ramos R, Longo M, Gelfand Y, Echt M, **Nakhla J**, Yanamadala V, Kinon MD, Yassari R. “Incidence and Risk Factors for Venous Thromboembolism after Surgery for Metastatic Tumors of The Spine.” The Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Spine Summit, Miami, FL, March 2019.
6. Gelfand Y, Kramer D, De la Garza-Ramos R, Longo M, Echt M, **Nakhla J**, Yassari R. “Postoperative Intubation: A Significant Predictor of Morbidity and Severe Adverse Events in Patients Undergoing Elective Posterior Lumbar Fusion.” The Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Spine Summit, Miami, FL, March 2019.
7. *Konakondla S, Xun L, Albers A, Fridley J, Barber SM, **Nakhla J**, Telfeian AE, Oyelese AA, Gokaslan ZL. “Maximizing Sacral Chordoma Resection with Augmented Intra-operative Navigation.” The Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Spine Summit, Miami, FL, March 2019.
8. *Gelfand Y, De la Garza Ramos R, **Nakhla J**, Kobets AJ, Altschul DA, Agarwal V. “Analysis of Morbidity and Mortality in Vestibular Schwannoma Resections 2012-2016.” 29th Annual North American Skull Base Society Meeting, Orlando, FL, February 2019.
9. *De la Garza Ramos R, Nouri A, **Nakhla J**, Patel S, Kinon M, Cheng J, Yassari R, Fehlings MG. Best versus worst neurological outcome after surgery for cervical degenerative myelopathy: An ambispective analysis of a global AOSpine cohort of patients.” Spine Summit 2018, 34th Annual Meeting of the Section on Disorders of the Spine and Peripheral Nerves, Orlando, FL, March 2018.
10. De la Garza Ramos R, Ramhmdani S, **Nakhla J**, Comair M, Kinon M, Sciubba DM, *Yassari R, Bydon A. “T1 versus T2 as lowest instrumented vertebra in multilevel posterior cervicothoracic fusion: A multicenter study.” Spine Summit 2018, 34th Annual Meeting of the Section on Disorders of the Spine and Peripheral Nerves, Orlando, FL, March 2018.
11. ***Nakhla J**. “Surgical Management of Traumatic Brain Injury.” Albert Einstein College of Medicine/Montefiore Medical Center, Department of Physical Medicine and Rehabilitation grand rounds, Bronx, NY, October 2017.

12. ***Nakhla J**, Yassari R. “SIGMA: Advancing Surgical Residency Training in the Operating Room.” New York State Society of Neurosurgery resident research night, New York City, NY, August 2016. **(3rd Place)**
13. ***Nakhla J**, Di C, Adamson DC. “Exploring the role of the novel oncogene OTX2 in retinoblastoma and pineoblastoma.” Duke Comprehensive Cancer Center annual meeting, Duke University, Durham, NC, October 2009.

Abstracts & Poster Presentations

1. Gelfand Y, **Nakhla J**, De la Garza-Ramos R, Echt M, Longo M, Kinon MD, Yassari R. “Posterior Cervical Laminectomy and Fusion has Significantly Higher Rate of Overall Complications and Serious Adverse Events Compared to Cervical Corpectomy.” AOSpine Global Spine Congress, Toronto, May 2019.
2. De la Garza Ramos R, **Nakhla J**, Longo M, Gelfand Y, Echt M, Kinon MD, Sciubba DM, Yassari R. “Iliac screw versus S2 alar-iliac (S2AI) screw fixation in adults: A meta-analysis.” AOSpine Global Spine Congress, Toronto, May 2019.
3. Gelfand Y, De la Garza-Ramos R, Longo M, **Nakhla J**, Echt M, Kinon MD, Yassari R. “Albumin Level and Preoperative White Cell Count are Significant Independent Predictors of Mortality in Surgery for Metastatic Spine Disease.” AOSpine Global Spine Congress, Toronto, May 2019.
4. Echt M, Longo M, De la Garza R, Gelfand Y, **Nakhla J**, Cezayirli P, Ammar A, Haranhalli N, Kobets AJ, Kinon MD, Yassari R. “Impact of anterior plating vs. stand-alone cage on rate of fusion, subsidence, and adjacent segment disease in single level corpectomy for cervical spondylosis: a retrospective review.” AOSpine Global Spine Congress, Toronto, May 2019.
5. Echt M, De la Garza R, Gelfand Y, Longo M, **Nakhla J**, Cezayirli P, Ammar A, Haranhalli N, Kobets AJ, Kinon MD, Yassari R. “Anterior Cervical Corpectomy and Fusion in the Elderly: Complications and Outcomes using National Database.” AOSpine Global Spine Congress, Toronto, May 2019.
6. **Nakhla J**, Gelfand Y, De La Garza R, Echt M, Barber SM, Konakondla S, Fridley J, Oyelese AA, Telfeian AE, Gokaslan ZL. “Hypoalbuminemia and Dependent Functional Status as Predictors for 30-Day Morbidity and Mortality in Patients Undergoing Surgical Treatment for C2 Body Fractures.” American Association of Neurological Surgeons Annual Scientific Meeting, San Diego, CA, April 2019.
7. **Nakhla J**, Gelfand Y, Moldovan K, De La Garza R, Barber SM, Konakondla S, Fridley J, Telfeian AE, Oyelese AA, Hepel JT, Gokaslan ZL. “Evaluating local control based on tumor volume using multifraction stereotactic body radiation therapy for spine metastases.” American Association of Neurological Surgeons Annual Scientific Meeting, San Diego, CA, April 2019.
8. Moldovan K, **Nakhla J**, Gelfand Y, De La Garza R, Barber SM, Konakondla S, Fridley J, Telfeian AE, Gokaslan ZL, Hepel JT, Oyelese AA. “Evaluating kyphosis with and without stabilization surgery using multifraction stereotactic body radiation therapy for spine metastases.” American Association of Neurological Surgeons Annual Scientific Meeting, San Diego, CA, April 2019.
9. Gelfand Y, **Nakhla J**, Kobets AJ, Abbott IR. “Tethered Cervical Cord: A Unique Complication of the Cervical Intramedullary Tumor Resections.” American Association of Neurological Surgeons Annual Scientific Meeting, San Diego, CA, April 2019.

10. Gelfand Y, **Nakhla J**, De La Garza R, Kramer D, Kinon MD, Yassari R. "Analysis of Transfusion Requirement Rates by Common Elective Spine Surgery Cases Adjusted for Operative Time and Pre-Operative Anemia." American Association of Neurological Surgeons Annual Scientific Meeting, San Diego, CA, April 2019.
11. Barber SM, Kosztowski T, Fridley JS, **Nakhla J**, Konakondla S, Gokaslan ZL. "A Novel Method For Controlled Reduction of a Cervicothoracic Kyphosis Related to Spinal Metastasis with Crossing Rods and Tension Cable: Case Report and Literature Review." American Association of Neurological Surgeons Annual Scientific Meeting, San Diego, CA, April 2019.
12. Barber SM, Fridley JS, Konakondla S, **Nakhla J**, Telfeian AE, Oyelese AA, Gokaslan ZL. "Giant Presacral Schwannoma Presenting with Ureteral Obstruction and Acute Kidney Injury: Case Report and Literature Review." American Association of Neurological Surgeons Annual Scientific Meeting, San Diego, CA, April 2019.
13. Gelfand Y, Longo M, De La Garza R, **Nakhla J**, Echt M, Yassari R. "Short Term Outcomes of Surgical Treatment of Non-Pathologic Thoraco-Lumbar Fractures." American Association of Neurological Surgeons Annual Scientific Meeting, San Diego, CA, April 2019.
14. Gelfand Y, **Nakhla J**, Kobets AJ, Altschul DA, Agarwal V. "Analysis of Morbidity and Mortality in Posterior Fossa/Cerebellopontine Angle Meningioma Resections 2012-2016." 29th Annual North American Skull Base Society Meeting, Orlando, FL, February 2019.
15. **Nakhla J**, De la Garza Ramos R, Kobets AJ, Echt M, Hamad MK, Scoco A, Holland R, Gelfand Y, Eskandar EE, Yassari R. "Timing of Complications in Metastatic Spinal Tumor Surgery." Annual Meeting of the Congress of Neurological Surgeons, Houston, TX, October 2018.
16. **Nakhla J**, Holland R, De la Garza Ramos R, Hamad MK, Gelfand Y, Echt M, Kobets AJ, Scoco A, Cezayirli P, Yassari R. "Breast Cancer Metastasis to the Spine: Outcomes at a Single Institution using the Charlson Comorbidity Index and Hormone Receptor Status." Annual Meeting of the Congress of Neurological Surgeons, Houston, TX, October 2018.
17. Echt M, De la Garza Ramos R, Holland R, **Nakhla J**, Gelfand Y, Cezayirli P, Nasser R, Kinon MD, Yassari R. " Minimally Invasive Spine Surgery Vs Standard Open Surgery for Spinal Metastases, A Retrospective Comparison." Annual Meeting of the Congress of Neurological Surgeons, Houston, TX, October 2018.
18. Hamad MK, Rahman A, Herzallah MM, Holland R, **Nakhla J**, Zampolin R, Altschul DJ. " A Prospective Analysis Tool to Assess Potential Success for Extra- Femoral Mechanical Thrombectomy." Annual Meeting of the Congress of Neurological Surgeons, Houston, TX, October 2018.
19. Kobets AJ, Khan MB, Navati M, Kwan K, Liu Y, **Nakhla J**, Friedman J, Boockvar J, Ruggieri R, Symons M. " Paramagnetic Nanoparticles Conjugated with Lipopolysaccharide for Blood-Brain Barrier Disruption in a Murine Model of Glioblastoma." Annual Meeting of the Congress of Neurological Surgeons, Houston, TX, October 2018.
20. Scoco A, Echt M, Hoang T, Addepalli A, Zhu S, Benton J, **Nakhla J**, Haranhalli N, Kobets AJ, De la Garza Ramos R, Altschul DJ. " Extra-Femoral Access (Trans-Radial or Trans-Cervical Carotid) For Mechanical Thrombectomy For Acute Ischemic Stroke: A Systematic Review and Meta-Analysis." Annual Meeting of the Congress of Neurological Surgeons, Houston, TX, October 2018.
21. Fanous A, Kolcun JPG, Brusko GD, Paci M, Coutinho P, Ghobrial GM, **Nakhla J**, Eleswarapu A, Lebowhl N, Green BA. " Surgical Site Infection Is A Risk Factor for Long-Term Hardware Failure in Patients with Spinal Deformity." Annual Meeting of the Congress of Neurological Surgeons, Houston, TX, October 2018.

22. **Nakhla J**, De la Garza Ramos R, Nouri A, Kobets AJ, Echt M, Kato S, Cheng J, Yassari R, Fehlings MG. "Improvement vs deterioration of the neck disability index after surgery for degenerative cervical myelopathy: An Analysis of a Global Cohort of Patients." NASS Spine Across the Sea, Hawaii, USA, July 2018.
23. De la Garza Ramos R, Nouri A, **Nakhla J**, Echt M, Kinon MD, Cheng J, Yassari R, Fehlings MG. "Best versus Worst Neurological Outcome after Surgery for Degenerative Cervical Myelopathy: An Analysis of a Global AOSpine Cohort of Patients." NASS Spine Across the Sea, Hawaii, USA, July 2018.
24. **Nakhla J**, De la Garza Ramos R, Altschul DJ, Kinon MD, Yassari R. "Rare Complications in Cervical Spine Surgery: A National Analysis Of 370,410 Elective Cases." AOSpine Global Spine Congress, Singapore, May 2018.
25. **Nakhla J**, De la Garza Ramos R, Echt M, Ammar A, Gelfand Y, Kobets AJ, Kinon MD, Yassari R. "Perioperative Complications in Elderly Patients Undergoing Single-level Posterolateral Fusion Versus Interbody Fusion for Lumbar Spondylolisthesis." AOSpine Global Spine Congress, Singapore, May 2018.
26. **Nakhla J**, Echt M, De la Garza Ramos R, Cezayirli P, Kobets AJ, Altschul DJ, Kinon MD, Yassari R. "The Effect of Cigarette Smoking on Wound Complications After Single-level Posterolateral and Interbody Fusion for Spondylolisthesis." AOSpine Global Spine Congress, Singapore, May 2018.
27. De la Garza Ramos R, **Nakhla J**, Bhashyam N, Scoco A, Nasser R, Jada A, Kinon MD, Yassari R. "Revision Surgery After T1 Versus T2 As Lowest Instrumented Vertebra in Multilevel Posterior Cervicothoracic Fusion." AOSpine Global Spine Congress, Singapore, May 2018.
28. Kobets AJ, **Nakhla J**, Gelfand Y, Jada A, Kinon MD, Yassari R, Goodrich JT. "Craniofacial Miniplate Internal Fixation in Correction of Congenital Kyphosis in An Infant with Ehlers Danlos Syndrome: Technical Report." AOSpine Global Spine Congress, Singapore, May 2018.
29. **Nakhla J**, De la Garza Ramos R, Echt M, Holland R, Kobets AJ, Kinon MD, Yassari R. "Use of Bone Morphogenetic Protein-2 in Vertebral Column Tumor Surgery: A National Investigation." American Association of Neurological Surgeons Annual Scientific Meeting, New Orleans, LA, April 2018.
30. Kobets AJ, **Nakhla J**, Gelfand Y, Kinon MD, Altschul DJ, Lasala PA. "Intracranial Tumors Presenting as Subdural Hematomas: First Report of a Novel Entity." American Association of Neurological Surgeons Annual Scientific Meeting, New Orleans, LA, April 2018.
31. Kobets AJ, **Nakhla J**, Jada A, Altschul DJ, Lasala PA. "A Purely Laparoscopic Approach to the Pineal Region." American Association of Neurological Surgeons Annual Scientific Meeting, New Orleans, LA, April 2018.
32. De la Garza Ramos R, **Nakhla J**, Echt M, Cezayirli P, Scoco A, Holland R, Brook A, Altschul DJ. "Effect of Closure Mechanism Device on the Incidence of Acute Ipsilateral Femoral Deep Vein Thrombosis Post Angiogram in Subarachnoid Hemorrhage." American Association of Neurological Surgeons Annual Scientific Meeting, New Orleans, LA, April 2018.
33. Holland R, De la Garza Ramos R, Sabourin V, **Nakhla J**, Yassari R. "Incidence of Durotomy in Spine Surgery: A National Inpatient Sample Analysis." American Association of Neurological Surgeons Annual Scientific Meeting, New Orleans, LA, April 2018.
34. De la Garza Ramos R, **Nakhla J**, Echt M, Cezayirli P, Scoco A, Holland R, Brook A, Altschul DJ. "Effect of Closure Mechanism Device on the Incidence of Acute Ipsilateral Femoral Deep

- Vein Thrombosis Post Angiogram in Subarachnoid Hemorrhage.” American Association of Neurological Surgeons Annual Scientific Meeting, New Orleans, LA, April 2018.
35. Abdulrazeq HF, Hamad MK, He K, Mustafa AM, **Nakhla J**, Herzallah MM, Mammis A. “Potential Uses of Isolated Toxin Peptides in Neuropathic Pain Relief: A Literature Review.” 2018 World Congress on Regional Anesthesia & Pain Medicine, New York, NY, April 2018.
 36. De la Garza Ramos R, Haranhalli N, Kobets AJ, **Nakhla J**, Brook AL, Yassari R, Flamm ES, Altschul DJ. “The Effect of July Admission on Inpatient Morbidity, Mortality, and Discharge Disposition after Endovascular Coiling in Subarachnoid Hemorrhage.” International Stroke Conference, Los Angeles, CA, January 2018.
 37. De la Garza Ramos R, **Nakhla J**, Bhashyam N, Kinon MD, Yassari R. “Predicting critical care unit-level complications after long-segment fusion procedures for adult spinal deformity.” Annual Meeting of the Congress of Neurological Surgeons, Boston, MA, October 2017.
 38. De la Garza Ramos R, **Nakhla J**, Scoco A, Altschul D, Yassari R. “30-day morbidity and mortality after subdural hematoma evacuation in patients with end-stage renal disease.” Annual Meeting of the Congress of Neurological Surgeons, Boston, MA, October 2017.
 39. Bhashyam N, De la Garza Ramos R, **Nakhla J**, Kinon MD, Udemba A, Yassari R. “30-Day Outcomes after Vertebroplasty or Kyphoplasty in Patients with Pathological Spinal Fractures.” Annual Meeting of the Congress of Neurological Surgeons, Boston, MA, October 2017.
 40. **Nakhla J**, De la Garza Ramos R, Nasser R, Kinon MD, Haranhalli N, Yassari R. “Minimally Invasive Transpedicular Approach for the Treatment of Thoracic Disk Disease: A Technical Note and Comparison to Open Transpedicular Approach.” AOSpine Global Spine Congress, Milan, Italy, May 2017.
 41. De la Garza Ramos R, **Nakhla J**, Scoco A, Nasser R, Jada A, Haranhalli N, Kinon MD, Yassari R. “Incidence and Factors Associated with Intensive Care Unit-Level Complications in Adult Spinal Deformity Surgery.” AOSpine Global Spine Congress, Milan, Italy, May 2017.
 42. De la Garza Ramos R, **Nakhla J**, Nasser R, Haranhalli N, Kinon MD, Sciubba D, Yassari R. “Surgeon volume thresholds to reduce inpatient morbidity after 1- 2 level anterior cervical discectomy and fusion.” AOSpine Global Spine Congress, Milan, Italy, May 2017.
 43. De la Garza Ramos R, **Nakhla J**, Nasser R, Haranhalli N, Kinon MD, Sciubba D, Yassari R. “The impact of hospital teaching status on timing of intervention, inpatient morbidity, and mortality after surgery for vertebral column fractures with spinal cord injury.” AOSpine Global Spine Congress, Milan, Italy, May 2017.
 44. **Nakhla J**, De la Garza Ramos R, Bhashyam N, Kobets A, Nasser R, Jada A, Kinon MD, Yassari R. “Impact of Kidney Disease on Acute Tubular necrosis and Surgical Site Infection after Lumbar Fusion.” American Association of Neurological Surgeons Annual Scientific Meeting, Los Angeles, CA, April 2017.
 45. De la Garza Ramos R, **Nakhla J**, Bhashyam N, Nasser R, Jada A, Kinon MD, Yassari R. “Trends in The Use of Bone Morphogenetic Protein-2 in Adult Spinal Deformity Surgery: A 10-year Analysis of 54,054 Patients.” American Association of Neurological Surgeons Annual Scientific Meeting, Los Angeles, CA, April 2017.
 46. De la Garza Ramos R, **Nakhla J**, Bhashyam N, Scoco A, Nasser R, Jada A, Kinon MD, Yassari R. “Case-control study of risk factors for surgical site infection after three-column osteotomy for complex spine deformity.” American Association of Neurological Surgeons Annual Scientific Meeting, Los Angeles, CA, April 2017.

47. Bhashyam N, De la Garza Ramos R, **Nakhla J**, Jacob J, Yassari R, Kinon MD. "Impact of BMI on 30-Day Outcomes After Spino-Pelvic Fixation Surgery." American Association of Neurological Surgeons Annual Scientific Meeting, Los Angeles, CA, April 2017.
48. Kobets AJ, Scoco A, **Nakhla J**, Jada A, Brook A, Kinon MD, Baxi N, Altschul D. "Flow-diverting Stents for the Obliteration of Symptomatic Infectious Cavernous Carotid Artery Aneurysms." American Association of Neurological Surgeons Annual Scientific Meeting, Los Angeles, CA, April 2017.
49. Spiro A, Erdfrab A, Edasery A, **Nakhla J**, Haranhalli N, Altschul D, Zampolin R. "Prevalence and Impact of Aortic Arch Anatomy Variants in Patients Undergoing Mechanical Thrombectomy for Emergent Large Vessel Occlusion (ELVO)." American Society of Neuroradiology 55th Annual Meeting, Long Beach, CA, April 2017.
50. **Nakhla J**, De la Garza Ramos R, Kobets A, Haranhalli N, Jacob J, Bhashyam N, Gibber M, Garfein E, Yassari R. "A Novel Approach to Training Surgical Residents Through Standardization and Individualization: A Proof of Concept Project." Accreditation Council for Graduate Medical Education Annual Education Conference, Orlando, FL, March 2017.
51. **Nakhla J**, De la Garza Ramos R, Kinon MD, Jada A, Nasser R, Haranhalli N, Yassari R. "Minimally Invasive Transpedicular Approach for the Treatment of Herniated Thoracic Disc Disease: A Technical Note and Comparison to Open Transpedicular Discectomy." 35th Annual Meeting of the International Society for Minimal Intervention in Spinal Surgery, Chicago, IL, January 2017.
52. Legatt A, Laaraker A, **Nakhla J**, Nasser R, Altschul D. "Somatosensory Evoked Potential Monitoring Detection of Carotid Compression During ACDF Surgery in a Patient with a Vascularly Isolated Hemisphere." American Clinical Neurophysiology Society, Orlando, FL, February 2016.
53. Kobets AJ, Jada A, **Nakhla J**, Altschul DJ. "HIV and Subarachnoid Hemorrhage." Annual Meeting of the Congress of Neurological Surgeons, New Orleans, LA, September 2015.
54. Legatt A, **Nakhla J**, Weicker M, Yassari R. "Increased Spinal Canal Compression from Patient Positioning Detected by Intraoperative MEP and SEP Monitoring." *J Clin Neurophysiol*, 2015; 32:386. American Clinical Neurophysiology Society, Houston, TX, February 2015.
55. Li J, Di C, Di Q, **Nakhla J**, Adamson DC. "Medulloblastoma Oncogene OTX2 Promotes Growth in Other Tumors Via Regulation of MYC, CRX, and Phosphorylation of RB." Annual Meeting of the Congress of Neurological Surgeons, Chicago, IL, October 2012.
56. Mattox A, Di C, **Nakhla J**, Li J, Adamson DC. "Exploration of OTX2 as a prognostic factor and therapeutic target in multiple malignant brain tumors." National Veteran Associations Research Week Symposium, Durham VA Medical Center, Durham, NC, May 2011.
57. **Nakhla J**, Di C, Adamson DC. "Exploring the role of the novel oncogene OTX2 in retinoblastoma and pineoblastoma," AOA Duke University School of Medicine symposium, Duke University, Durham, NC, August 2009.

Book Chapters

1. Luis A, Navarro-Ramirez R, **Nakhla J**, Wipplinger C, Härtl R. Neuronavigation for Complex Thoracic Spine Surgery. In Baaj, Kim, Kakarla (eds): Thoracic Spine Surgery, In Print.
2. Konakondla S, Barber SM, **Nakhla J**, Fridley J, Gokaslan ZL. Intradural Intramedullary Spinal Cord Tumors. In Itshayek E (ed): Cervical Spine Myelopathy, 1st Ed, Submitted.

3. **Nakhla J**, Holland R, Sciubba DM, Gokaslan ZL. Jaw-Splitting Approaches to the Upper Cervical Spine. In Bridwell K, Dewald R (eds): The Textbook of Operative Spine Surgery, 4th Ed, In Print.
4. **Nakhla J**, Hamad MK, Sciubba DM, Gokaslan ZL. Transsternal Approaches to the Spine. In Bridwell K, Dewald R (eds): The Textbook of Operative Spine Surgery, 4th Ed, In Print.
5. Hernandez RN, **Nakhla J**, Navarro-Ramirez R, Härtl R: History and Evolution of Minimally Invasive Spine Surgery. In Phillips F, Lieberman I, Polly Jr. D, Wang MY (eds): Minimally Invasive Spine Surgery: Surgical Techniques and Disease Management, 2e, Springer, In Print.

Electronic Chapters

1. Hamad MK, Holland R, **Nakhla J**, Nepomnyashchaya Y, Yassari R, London Z. Hypopituitarism. In: Gilman S, editor-in-chief. MedLink Neurology. San Diego: MedLink Corporation. Available at www.medlink.com. Originally released October 30, 1994; last updated March 2, 2018; expires March 2, 2021.
2. Yassari R, **Nakhla J**, De la Garza R, Lukas R. Spinal ependymomas. In: Gilman S, editor-in-chief. MedLink Neurology. San Diego: MedLink Corporation. Available at www.medlink.com. Originally released April 7, 1994; last updated October 23, 2017; expires October 23, 2020.

Locum Tenens

2018 - 2019	Mobile Infirmery Medical Center	Mobile, AL
	Inpatient and emergency room consulting and coverage of MIMC and affiliated hospitals for adult neurosurgery.	

Consulting

2016 - 2017	DePuy Orthopaedics, Inc.	New York, NY
	Developing an online curriculum for surgical training models to help residents with basic and complex neurosurgical procedures.	

Mobile Application Development

2021	Metastatic Spine	SwiftUI
	An application designed for residents, fellows, and attendings in neurosurgery and orthopedic surgery to keep useful spinal oncology scores and outcomes within easy reach. Calculators are user friendly and immediately the survival data and scores are displayed at the bottom of the screen.	
2021	Nakhla Notifications	SwiftUI
	A novel notifications app designed to provide custom surgery specific notifications for brain and spine surgeries that I routinely perform. Users enter the date and the system generates notifications to remind the patient, for example, to get certain tests specific to that surgery, or to not eat or drink anything after midnight the night before surgery. It also includes a checklist to assist with keeping up with the necessary pre- and post- operative requirements for a successful outcome.	

2021	Shunt Diary Headache Tracker	SwiftUI
	A journal that makes it easy for patients suffering from normal pressure hydrocephalus to keep track of their symptoms. The journal entries allow documentation of symptoms, changes in shunt settings, and includes an easy-to-use, color-coded visual analogue scale for changes in walking. Furthermore, users can save their shunt settings in the app.	
2021	Shunt Diary Headache Tracker	SwiftUI
	A novel diary that makes it easy for patients suffering from hydrocephalus to keep track of their symptoms. The journal entries allow documentation of symptoms, changes in shunt settings, and includes an easy-to-use, color-coded visual analogue scale for headache severity. Furthermore, users can save their shunt settings in the app.	
2021	Lung Cancer Screen Calc	SwiftUI
	A novel iOS application to streamline when patients need to undergo low dose CT screening to rule out lung cancer. Also integrated in the app are two useful calculators to determine smoking cost and pack year history.	
2021	Stroke Brain Clock	SwiftUI
	A stroke-clock framework to determine neurons lost per second. This tool is designed with the goal to show the importance of “time is brain,” especially in the emergency room setting to keep healthcare workers cognizant of this fact.	

Medical Work Experience

2005 – 2006	Kaplan, Inc.	Gainesville, FL
	Teacher and private tutor for MCAT students.	
2004 – 2005	Shands Hospital, University of Florida	Gainesville, FL
	Procured, organized, and catalogued laboratory tissue samples for the department of pathology.	
1999 - 2003	Meadowbrook Nursing Center	Rochester, MI
	Assisted residents with physical rehabilitation sessions, activities, and social activities.	

Volunteer Leadership Roles

2020 - 2020	Boy Scouts of America, Board Member	Mobile, AL
	During the of the corona virus pandemic, I was in charge of safety for the children to interact and continue their scouting. Furthermore, I evaluated the AEDs of the facility as well as kept the medications up to date and reached out to corporate sponsors for more supplies.	

Volunteer Activities

2020 - Current	Light of the Village	Mobile, AL
	After school program volunteer for unfortunate kids living in poverty without electricity and running water.	
2020 - 2020	Mobile Police Department	Mobile, AL
	Volunteer police surgeon to the Mobile County police department taking volunteer call and actively riding with officers during times of potential bodily harm to police officers.	
2019 - Current	Coptic Medical Association of North America	North America
	Physician member involved in national and international medical mission trips, as well as membership and guidance for students. CMANA is a not-for-profit organization aiming at uniting all Egyptian Christian health care providers together and strengthens the ties with our home country, Egypt.	
2016 - 2018	New York City Medical Reserve Corps	New York, NY
	An initiative by the New York City's Department of Health and Mental Hygiene to train volunteer health professionals for responding to health emergencies and providing support during times of crisis.	
Dec 2008/2009	Coptic Orthodox Church of Bolivia	Santa Cruz, Bolivia
	Organized and lead a medical and spiritual mission trip to educate locals about preventive and sexual health medicine.	
9/03 – 5/06	Shands Hospital Trauma Center, University of Florida	Gainesville, FL
	Assisted physicians with trauma patients including gathering supplies, transport, and assisting with paperwork.	
2008 – 2009	Big Brothers Organization	Durham, NC
	Mentored and tutored a troubled youth from the community.	

Extracurricular Activities

Aerial and Wildlife Photography, Travelling, iPhone Application Development, Scuba Diving, Basketball, and Wakeboarding