

**Jad Bou Monsef, M.D.**  
**Orthopedic Spine Surgery**  
Brooklyn, NY

**ACADEMIC APPOINTMENTS**

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**Maimonides Medical Center, Brooklyn, NY** **06/2024 – Present**  
Spine Surgeon, Department of Orthopedic Surgery  
*(Clinical appointment; academic appointment through SUNY Downstate Medical Center)*

**SUNY Downstate Medical Center, Brooklyn, NY** **08/2020 - Present**  
Assistant Professor of Orthopedic Surgery; Spine Surgeon

**Academic focus:** Complex spine surgery and adult spinal deformity, with focus on outcomes-based research in degenerative spine disease.

**POSTGRADUATE TRAINING**

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**Mayo Clinic, Rochester, MN** **07/2019 – 07/2020**  
Spine Surgery Fellowship

**University of Illinois at Chicago, Chicago, IL** **06/2014 – 06/2019**  
*Orthopedic Surgery Residency*

**University of Illinois at Chicago, Chicago, IL** **07/2013 – 07/2014**  
*Orthopedic Research Fellowship*  
*Joint Arthroplasty*

**Hospital for Special Surgery, New York, NY** **07/2011 – 07/2013**  
*Orthopedic Research Fellowship*  
*Joint Arthroplasty*

**American University of Beirut, Beirut, Lebanon** **06/2010 – 06/2011**  
*Preliminary General Surgery*

**EDUCATION**

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**American University of Beirut, Beirut, Lebanon** **06/2006 – 06/2010**  
*Doctor in Medicine*

**American University of Beirut, Beirut, Lebanon** **06/2003 – 06/2006**  
*Bachelor in Sciences, Biology*

**BOARD CERTIFICATION & LICENSING**

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American Board of Orthopaedic Surgery (ABOS), Board Certified (07/2023–12/2033)

New York Medical License #304171(04/2020–04/2027)

Educational Commission For Foreign Medical Graduates (ECFMG) certification(05/2012)

Advanced Trauma Life Support (ATLS) — Instructor

Advanced Cardiac Life Support (ACLS)

Basic Life Support (BLS)

## GRANTS & AWARDS

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- Zimmer Biomet/J. Robert Gladden Orthopedic Society (JRGOS) Resident Research Grant **(2019)**  
*The impact of pelvis incidence on cervical alignment and global spine balance – What is normal alignment?*
- Hospital for Special Surgery Adult Reconstruction and Joint Replacement Research and Innovation Grant  
*Blood Volume Analysis of Total Hip Arthroplasty Patients Under Hypotensive Anesthesia (2012)*
- Hospital for Special Surgery Adult Reconstruction and Joint Replacement Research and Innovation Grant:  
*Inside-Out Soft Tissue Balancing Technique for Valgus Knee Deformity in Total Knee Arthroplasty (2011)*

## BOOK CHAPTERS

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1. **Bou Monsef J**, Techy F. Patient Selection in Spine Surgery. In: Steinmetz MP, Benzel EC, eds. *Benzel's Spine Surgery – Techniques, Complications, Avoidance, and Management*, 4<sup>th</sup> edition. Philadelphia, PA: Elsevier, 2017: 219–224
2. **Bou Monsef J**, Techy F. Bone Modeling and Remodeling. In: Steinmetz MP, Benzel EC, eds. *Benzel's Spine Surgery – Techniques, Complications, Avoidance, and Management*, 4<sup>th</sup> edition. Philadelphia, PA: Elsevier, 2017: 239–245
3. **Bou Monsef J**, Techy F. Non-union. In: Steinmetz MP, Benzel EC, eds. *Benzel's Spine Surgery – Techniques, Complications, Avoidance, and Management*, 4<sup>th</sup> edition. Philadelphia, PA: Elsevier, 2017: 1829–1837
4. **Bou Monsef J**, Boettner F. Management of Blood Products in Orthopedic Surgery. In: MacKenzie RC, Cornell CN, Memtsoudis SG, eds. *Perioperative Care of the Orthopedic Patient*, 1<sup>st</sup> edition. New York, NY: Springer, 2014: 311-322

## PEER-REVIEWED PUBLICATIONS

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1. Pandya R, Monas A, Chatad D, **Bou Monsef J**, Razi A, Ng M  
High Body Mass Index is a Predictor of Lumbar Stenosis: A Retrospective Magnetic Resonance Imaging Study  
*J Am Acad Orthop Surg*. 2026 Feb 15;34(4):e561-e566. doi: 10.5435/JAAOS-D-25-00138.
2. Mastrokostas PG, Mastrokostas LE, Razi A, Inzerillo S, Bou Monsef J, Razi A  
Trends in Cervical Disk Arthroplasty Utilization in the Medicare Population: Projections Through 2040.  
*J Am Acad Orthop Surg*. 2026 Feb 15;34(4):e573-e580. doi: 10.1177/21925682251405773
3. Mastrokostas P, Mastrokostas L, Emara A, Dalton J, Houten J, Bou Monsef J, Razi A, Ng M  
Procedural, Reimbursement, and Geographic Trends in Adult Spinal Deformity Correction Surgery: A Medicare Analysis  
*Eur Spine J*. 2026 Jan;35(1):195-203. doi: 10.1007/s00586-025-09169-1.
4. Mastrokostas P, Mastrokostas L, Emara A, Dalton J, Narayanan R, Kepler C, Hilibrand A, Vaccaro A, **Bou Monsef J**, Razi A, Ng M.  
Geographic and Socioeconomic Disparities in Robotic Spine Surgery Access in the Continental United States: A Cross-Sectional Ecological Analysis  
*Global Spine J*. 2026 Jan;16(1):577-587. doi: 10.1177/21925682251356218.
5. Awad G, Boutros M, Asmar C, Asmar R, **Bou Monsef J**  
Balancing radiographic correction with quality of life: a meta-analysis of selective versus non-selective thoracic fusion in Lenke 1 C AIS.  
*European Spine Journal*. 2026 Jan 30:1-1
6. Ng M, Mastrokostas PG, Mastrokostas LE, Razi A, Inzerillo S, Bou Monsef J, Razi A  
Semaglutide Use Is Associated With Decreased Length of Stay and Hospital Costs in Patients Undergoing Anterior Lumbar Interbody Fusion: A Retrospective Cohort Study  
*Orthopedics*. 2026 Jan-Feb;49(1):e56-e61. doi: 10.3928/01477447-20251219-01.

7. Ng M, Mastrokostas P, Tabbaa A, Razi AB, Johnson M, Said M, Mastrokostas L, Dalton J, Vaccaro A, Kepler C, **Bou Monsef J**, Razi A.  
Teriparatide Use In Osteopenic Patients Undergoing Single-Level Lumbar Fusion Associated With Decreased 2-Year Revision Rates.  
*Journal of Craniovertebral Junction and Spine*. 2026 Jan 1;17(1):48-54.
8. Mastrokostas P, Said M, Yusupov D, Inzerillo S, Lavi A, Mastrokostas L, Ber R, Vaccaro A, Schroeder G, Kepler C, **Bou Monsef J**.  
Trends in Anterior Cervical Discectomy and Fusion: Medicare Projections Through 2060.  
*Global Spine Journal*. 2025 Nov 29;29:21925682251405773.
9. Mastrokostas P, Lavi A, Zhang B, Mahadevan N, Berglas E, Inzerillo S, Mastrokostas L, **Bou Monsef J**, Razi A  
The Top 100 Cited Articles on Lumbar Disc Arthroplasty: A Bibliometric Analysis.  
*Global Spine Journal*. 2025 Nov 11;29:21925682251398462.
10. Mastrokostas P, Mastrokostas L, Lavi A, Razi AB, Emara A, Dalton J, Kepler C, **Bou Monsef J**, Razi A, Ng M  
Age-based prediction of non-routine discharge after anterior cervical discectomy and fusion using machine learning.  
*European Spine Journal*. 2025 Aug 27;1-1.
11. Mastrokostas P, Mastrokostas L, Emara A, Salman M, Wellington I, Ford B, Houten J, Saleh A, **Bou Monsef J**, Razi A, Ng M.  
A step-by-step guide for systematic reviews and meta-analyses in spine surgery-study execution: a narrative review.  
*Journal of Spine Surgery*. 2025 Sep 30;11(3):688-97.
12. Ng M, Mastrokostas P, Rodriguez A, Razi A, Mastrokostas L, Emara A, Ford B, Xu J, Dalton J, Narayanan R, Kepler C, Hilibrand A, Vaccaro A, Bou Monsef J, Razi A  
Semaglutide use before single-level lumbar fusion associated with fewer readmissions and 90-day costs.  
*Journal of Craniovertebral Junction and Spine*. 2025 Oct 1;16(4):401-7.
13. Ng Mitchell, Mastrokostas LE, Mastrokostas PG, Ber R, **Bou Monsef J**, Razi A  
Volume and outcomes in posterior cervical fusion: Insights from a national inpatient analysis.  
*Journal of Craniovertebral Junction and Spine*. 2025 Oct 1;16(4):465-71
14. Awad G, Boutros M, Abou Mjahed G, **Bou Monsef J**  
Operative versus nonoperative management of type II odontoid fractures in the elderly: a systematic review and meta-analysis of comparative studies.  
*Clinical Neurology and Neurosurgery*. 2025 Sep 17:109165.
15. Mastrokostas P, Mastrokostas L, Emara A, Wellington I, Ginalis E, Houten J, Khalsa A, Saleh A, **Bou Monsef J**, Razi A, Ng M.  
Increasing public interest in lumbar decompression and fusion surgery in the United States: higher search volumes in the Northeast region from 2015 to 2024.  
*Asian Spine Journal*. 2025 Aug 11;19(6):949.
16. Mastrokostas P, Mastrokostas L, Emara A, Salman M, Wellington I, Ginalis E, Dalton J, Houten J, Khalsa A, Saleh A, Bou Monsef J, Razi A, Ng M.  
A step-by-step guide for designing systematic reviews in spine surgery: a narrative review.  
*J Spine Surg*. 2025 Sep 30 ;11(3):666-677. doi: 10.21037/jss-25-48.
17. Mastrokostas P, Mastrokostas L, Lavi A, Razi AB, Houten J, Saleh A, **Bou Monsef J**, Razi A, Ng M.  
Postoperative Complications, Length of Stay, and Discharge Disposition Following Single-Level Anterior Lumbar Interbody Fusion in Elderly and Octogenarian Patients.  
*Journal of Orthopaedics*. 2025 Aug 7.
18. Mastrokostas P, Mastrokostas L, Dayan J, Lavi A, Berglas E, Emara A, **Bou Monsef J**, Razi A, Ng M.  
Prediction of Non-Routine Discharge Following Single-Level Cervical Disc Arthroplasty Using Machine Learning.  
*Journal of Orthopaedics*. 2025 Aug 5.

19. Mastrokostas P, Cassar C, Shah M, Inzerillo S, Mastrokostas L, Bou Monsef J, Razi A, Ng M. Trends in cervical laminoplasty: Medicare projections through 2060. *Journal of Craniovertebral Junction and Spine*. 2025 Jul 1;16(3):296-300.
20. Stroud S, Passfall L, Alam J, Segreto F, Baum R, Shah N, **Bou Monsef J**, Paulino C, Diebo B. Do Non-Steroidal Anti-Inflammatory Drugs (NSAIDs) Adversely Impact Fracture Healing? A Critical Review of the Literature. *Current Reviews in Musculoskeletal Medicine*. 2025 Jun 5:1-9.
21. Mastrokostas P, Mastrokostas L, Dayan J, Schwartz L, Razi J, Emara AK, Saleh A, **Bou Monsef J**, Razi A, Ng M. Influence of Hospital Size on Postoperative Outcomes, Length of Stay, and Costs Following Single-Level Cervical Disc Arthroplasty. *Journal of Orthopaedics*. 2025 Jun 1.
22. Mastrokostas P, Mastrokostas L, Razi A, Houten J, Bou Monsef J, Razi A, Ng M. Prediction of Primary Admission Total Charges Following Single-Level Lumbar Arthrodesis Utilizing Machine Learning. *Global Spine Journal*. 2025 Apr 17:21925682251336714.
23. Mastrokostas P, Schwartz L, Berglas E, Lavi A, Mastrokostas L, Dalton J, Kepler C, Varthi A, Bou Monsef J, Razi A, Ng M. Single-level anterior cervical discectomy and fusion is associated with higher nonroutine discharge rates compared to cervical disc arthroplasty in obese patients. *Journal of Craniovertebral Junction and Spine*. 2025 Apr 1;16(2):205-11.
24. Ng M, Mastrokostas P, Mastrokostas L, Tabbaa A, Johnson M, **Bou Monsef J**, Razi A. Teriparatide use is associated with increased odds of 2-year implant failure and revision in osteopenic patients undergoing cervical fusion. *Journal of Craniovertebral Junction and Spine*. 2025 Apr 1;16(2):157-61.
25. Segreto FA, Krol O, Gedailovich S, Ripp A, Beyer G, Kim D, Alsoof D, Tiburzi H, Merola O, Shah N, Passias PG, **Bou Monsef J**, Daniels A, Paulino C, Diebo B. Orthopedic surgery versus neurosurgery: Prevalence and surgical detail assessment of adult spinal fusion procedures. *J Craniovertebr Junction Spine*. 2025 Jan-Mar;16(1):61-65. doi: 10.4103/jcvjs.jcvjs\_159\_24.
26. Mastrokostas PG, Said M, Cassar C, Mastrokostas L, Lavi A, Varthi A, **Bou Monsef J**, Razi A, Ng M. Obstructive Sleep Apnea is Associated With Increased Rates of Acute Respiratory Failure, Length of Stay, and Hospital Costs in Patients Undergoing Elective Single-Level Anterior Cervical Discectomy and Fusion. *Global Spine Journal*. 2025 Mar 28:21925682251333324.
27. Ng M, Mastrokostas P, Mastrokostas L, Tabbaa A, Johnson M, Bou Monsef J, Razi A. Semaglutide use is associated with higher rates of pseudarthrosis and dysphagia in patients undergoing posterior cervical fusion. *The Spine Journal*. 2025 Mar 26.
28. Compagnone D, Cecchinato R, Pezzi A, Langella F, Damilano M, Vanni D, Redaelli A, Lamartina C, Berjano P. How to Reduce the Risk of Mechanical Failures in Adult Deformity Surgery: Comparing GAP Score and Roussouly Type Restoration. *Global Spine Journal*. 2025 Mar 20:21925682251328285.
29. Ng Mitchell, Mastrokostas P, **Bou Monsef J**, Razi A. Surgical Trends in Use of Lumbar Disk Arthroplasty Versus Lumbar Fusion From 2010 to 2021. *J Am Acad Orthop Surg*. 2024 Dec 12. doi: 10.5435/JAAOS-D-24-00571
30. Mastrokostas P, Houten J, Saleh A, **Bou Monsef J**, Razi A, Ng M. Prediction of primary admission total charges following cervical disc arthroplasty utilizing machine learning. *Spine J*. 2025 Mar;25(3):429-438. doi: 10.1016/j.spinee.2024.09.025.
31. Kuharski M, Daher M, Zhou J, **Bou Monsef J**, Diebo B, Paulino C, Daniels A. Epidemiology of Lumbar Spine Fractures: Twenty-Year Assessment of Nationwide Emergency Department Visit Data. *Orthopedics*. 2024 Nov-Dec;47(6):e297-e302. doi: 10.3928/01477447-20240918-02.

32. Shah N, Friedman A, Baum R, Tannoury C, **Bou Monsef J**, Paulino C  
Baseline history of primary fragility fracture predicts medical complications and revision through 1-year in adult spinal deformity patients undergoing thoracolumbar fusion  
*The Spine Journal* Volume 24, Issue 9, Supplement, September 2024, Page S53
33. Balmaceno-Criss M, Lou M, Zhou J, Ikwuazom C, Andrews C, Alam J, Scheer R, Kuharski M, Daher M, Singh M, Shah N, **Bou Monsef J**, Diebo B, Paulino C, Daniels A  
What Is the Epidemiology of Cervical and Thoracic Spine Fractures?  
*Clin Orthop Relat Res* 2024 Dec 1;482(12):2222-2235. doi: 10.1097/CORR.0000000000003189
34. Alam J, Easmin S, **Bou Monsef J**, Paulino C  
The Geriatric Nutritional Risk Index Is an Independent Predictor for Adverse Outcomes After Anterior Cervical Discectomy and Fusion  
*World Neurosurg* 2024 Sep;189:e260-e266. doi: 10.1016/j.wneu.2024.06.030.
35. Jung A, Tracey O, Kong R, Patel N, Hadid B, Ikwuazom C, Shah N, Paulino C, **Bou Monsef J**  
Impact of Iron Deficiency Anemia on Postoperative Outcomes of Thoracolumbar Spinal Fusion (2+ levels) on Patients with Adult Spinal Deformity with Minimum 2-Year Follow-Up  
*Spine Surg Relat Res.* 2024 Aug 30;9(2):211-217. doi: 10.22603/ssrr.2023-0275.
36. Shah N, Coste M, Kim N, (...), Lafage R, Passias P, Lafage V, Schwab F, **Bou Monsef J**, Paulino C, Diebo B  
Identifying Predictors of Extended Intensive Care Unit Stay Following Posterior Spinal Fusion for Adolescent Idiopathic Scoliosis: An Analysis of 101 ACS NSQIP Pediatric Participating Centers  
*Iowa Orthop J.* 2024;44(2):83-88.
37. Amirouche F, Dolan M, Mikhael M, **Bou Monsef J**  
Comparison Of Anterior Versus Posterior Pelvic Tilt On Lumbar Lordosis  
*Orthopaedic Proceedings* 2023; 105-B(SUPP\_7):25-25
38. Amirouche F, Dolan M, Pradhan S, **Bou Monsef J**  
Assessment of Cervical and Lumbar Kinematics in Simulated Open and Closed Kinetic Chain  
*Int J Spine Surg.* 2023 Feb;17(1):51-59. doi: 10.14444/8382.
39. **Bou Monsef J**, Sebastian A, Currier B, Freedman B, Pinter Z, Elder B, Nassr A  
Does Preoperative Bone Mineral Density Impact Fusion Success in Anterior Cervical Spine Surgery? A prospective cohort study.  
*World Neurosurg*, 2022 May PMID: 35605943
40. Pinter Z, Karamian B, **Bou Monsef J**, Mao J, Xiong A, Bowles D, Conaway W, Reiter D, Currier B, Nassr A, Freedman A, Bydon M, Elder B, Kaye I, Kepler C, Schroeder G, Vaccaro A, Wagner S, Sebastian A  
Cervical Alignment and Proximal and Distal Junctional Failure in Posterior Cervical Fusion: A Multicenter Comparison of 2 Surgical Approaches  
*Clin Spine Surg.* 2022 Jun 1;35(5):E451-E456. PMID: 34907934
41. Boroda N, Pradhan S, Forsthoefel CW, Mardjetko SM, **Bou Monsef J**, Amirouche F.  
Motion capture evaluation of sagittal spino-pelvic biomechanics after lumbar spinal fusion.  
*Spine Deform.* 2022 May;10(3):473-478. doi: 10.1007/s43390-021-00448-7. PMID: 34981456
42. Pinter ZW, Sebastian AS, **Bou Monsef J**, Elder B, Fogelson J.  
Performing Lumbosacral Transdiscal Fixation: The Boachie Screw Technique.  
*Clin Spine Surg.* 2022 Jun 1;35(5):208-212. doi: 10.1097/ PMID: 34654774
43. **Bou Monsef J**, Parekh A, Osmani F, Gonzalez G.  
The Failed Total Hip Arthroplasty.  
*JBJS Reviews*, 6(11):e3-e3, Nov 2018
44. **Bou Monsef J**, Siemionow K.  
Multilevel Cervical Laminectomy and Fusion with Posterior Cervical Cages.  
*Craniovertebr Junction Spine.* 2017 Oct-Dec; 8(4): 316-321.

45. **Bou Monsef J**, Haidamous G, Wehbe J, Moucharafieh R, Nehme  
Surgical Hip Dislocation for Management of Acetabular Osteochondroma in an Adult.  
*Case Reports in Ortho*. 2017 Sep, 8481563
46. **Bou Monsef J**, Schmidt-Braekling T, Gonzalez Della Valle A, Parks M, Sculco T, Boettner F.  
Fibrin Sealants And Tranexamic Acid In Primary Total Knee Arthroplasty  
*Bone Joint J*. vol. 99-B no. SUPP 8 106 2017 Apr 24
47. Janusz P, Tyrakowski M, **Bou Monsef J**, Siemionow K.  
Influence of Lower Limbs Discrepancy And Pelvic Coronal Rotation on Pelvic Incidence, Pelvic Tilt and Sacral Slope.  
*Eur Spine J*. 2016 Nov;25(11):3622-3629
48. **Bou Monsef J**, Janusz P, Siemionow K.  
Preliminary Analysis of Adjacent Segment Degeneration in Patients Treated with Posterior Cervical Cages – 2 Year Follow-Up.  
*World Neurosurg*. 2016 May; 89:730.
49. Schraut NB, Walton S, **Bou Monsef J**, Shott S, Serici A, Amirouche F, Gonzalez MH, Kerns JM.  
What Protects Certain Nerves from Stretch Injury?  
*Anat Rec (Hoboken)*. 2016 Jan;299(1):111-7.
50. **Bou Monsef J**, Boettner F.  
Optimal Management of Perioperative Anemia: Current Perspectives.  
*Int J of Clin Transf Med*, August 2015 Vol 3, 65-73.
51. **Bou Monsef J**, Boettner F.  
Medial Collateral Ligament Release Facilitates Exposure in Revision Total Knee Arthroplasty.  
*J Knee Surg Rep* 2015; 1(01): 039-043.
52. Schmidt-Braekling T, Waldstein W, Valle AG, **Bou Monsef J**, Boettner F.  
Ultrasound and fluoroscopy are unnecessary for injections into the arthritic hip.  
*Int Orthop*. 2015 Aug;39(8):1495-7
53. **Bou Monsef J**, Schraut N, Gonzalez G.  
The Failed Total Knee Arthroplasty.  
*JBJS Reviews*, 2014 Dec; 2 (12): e1
54. **Bou Monsef J**, Boettner F.  
Hypotensive Anesthesia may Result in False Anemia and Increase Transfusion Requirements in Total Hip Arthroplasty.  
*J Anesth Clin Res*. July 2014; 5:425.
55. **Bou Monsef J**, Della Valle A, Mayman D, Boettner F.  
The Impact of Blood Management on Length of Stay After Primary Total Knee Arthroplasty.  
*Knee Surg Sports Trauma Arthrosc*. 2015 Aug;23(8):2178-84
56. Waldstein W, Merle C, **Bou Monsef J**, Boettner F.  
Varus knee osteoarthritis: how can we identify ACL insufficiency?  
*Open Ortho J* 2014 May, 8(1):108-13.
57. **Bou Monsef J**, Figgie MP, Mayman D, Boettner F.  
Targeted pre-operative autologous blood donation: a prospective study of two thousand and three hundred and fifty total hip arthroplasties.  
*Int Orthop*. 2014 Aug;38(8):1591-5.
58. **Bou Monsef J**, Boettner F.  
Achilles tendon allograft for augmentation of the Hanssen patellar bone grafting.  
*Knee Surg Sports Trauma Arthrosc*, 2014 Jan.
59. **Bou Monsef J**, Buckup J, Cornell C, Boettner F.  
Fibrin Sealant or Cell Saver Eliminate the Need for Autologous Blood in Anemic patients Undergoing Primary Total Knee Arthroplasty.  
*Arch of Ortho and Trauma Surg*, Jan 2014, Volume 134, Issue 1, pp 53-58.

60. **Bou Monsef J**, Buckup J, Mayman D, Marx R, Ranawat A, Boettner F.  
Targeted Preoperative Autologous Blood Donation in Total Knee Arthroplasty Reduces the Need for Postoperative Transfusion.  
*HSSJ*. 2013 Oct; 9(3):214-7
61. **Bou Monsef J**, Kim S, Altneu E, King E, Sculco T.  
Nonanemic Patients Do Not Benefit from Autologous Blood Donation Before Total Knee Replacement.  
*HSSJ*. 2011 Jun, 7: 141-144
62. Cano P, Testi M, **Bou Monsef J**, Inati A, Fernandez-Vina M, Andreani M.  
HLA Population Genetics: A Lebanese Population Human Immunology.  
*Tissue Antigens* 2012 Oct; 80(4):341-55

## **ABSTRACTS & POSTER PRESENTATIONS**

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2025 **Abstract Presentation** • American Academy of Orthopedic Surgeons (AAOS)  
Top 100 U.S. Orthopaedic Hospitals Demonstrate Inconsistent MS-DRG Price Transparency Reporting for Spinal Fusion  
Bassel Diebo, MD; Carl B. Paulino, MD, FAAOS, FAORTHA; Chibuokem P. Ikwuazom; David H. Mai, MD, MPH; **Jad Bou Monsef, MD**, FAAOS; Neil V. Shah, MD, MS; Olivia Merola, BA; Patrick Nian, BA; Peter G. Passias, MD, FAAOS

**Abstract Presentation** • American Academy of Orthopedic Surgeons (AAOS)  
Regional Heterogeneity and Poor Compliance with MS-DRG Price Transparency Reporting for Cervical Spinal Fusion Among the Top 100 U.S. Hospitals for Orthopaedic Surgery  
Bassel Diebo, MD; Carl B. Paulino, MD, FAAOS, FAORTHA; David Kim, MD; David H. Mai, MD, MPH; **Jad Bou Monsef, MD**, FAAOS; Neil V. Shah, MD, MS; Olivia Merola, BA; Patrick Nian, BA; Peter G. Passias, MD, FAAOS

2024 **Abstract Presentation** • Cervical Spine Research Society (CSRS)  
Preoperative Chronic Steroid Use Predicts Increased Infections and Readmissions After Anterior Cervical Discectomy and Fusion Carolyn Andrews, BS, Rachel Baum, BS, MPH, Olivia Merola, BS, Juhayer Alam, MD, David Kim, MD, Chibuokem Ikwuazom, MD, Neil Shah, MD, MS, Andrew Merola, MD, **Jad Bou Monsef, MD**, Carl Paulino, MD

**Abstract Presentation** • Cervical Spine Research Society (CSRS)  
Grip Strength Changes Most in the Acute Postoperative Period Following Cervical Decompression and Fusion for Cervical Myelopathy David Kim, MD, Neil Shah, MD, MS, Carolyn Andrews, BS, Rachel Baum, BS, MPH, Alyssa Dempsey, BS, Carl Paulino, MD, **Jad Bou Monsef, MD**

**Abstract Presentation** • North American Spine Society  
Comparing neurological complications across anterior, posterior and combined surgical approaches for cervical spinal fusion  
Neil V Shah, MD, MS · Adam J Wolfert, MD · Benjamin Krasnyanskiy, BS, BA · David Kim, MD · Vincent Challier, MD · Peter Gust Passias, MD · Jad Bou Monsef, MD · Carl B Paulino, MD · Bassel G. Diebo, MD

Primary fragility fracture history predicts opioid dependence at 2-year follow-up in patients undergoing thoracolumbar fusion for adult spinal deformity  
Neil V Shah, Kyle Smith, Rachel Baum, Chibuokem Ikwuazom, Juhayer Alam, David Kim, Carl Paulino, Jad Bou Monsef

- 2022 **Abstract Presentation** • North American Spine Society  
 Impact of iron deficiency anemia on postoperative outcomes of thoracolumbar spinal fusion ( $\geq 2$ -level) on patients with adult spinal deformity with minimum two-year follow-up surveillance  
 Alex Jung, Ryan Kong, Olivia Tracey, Neil Patel, Bana Hadid, Chibuokem Ikwuazom, Carl Paulino, Jad Bou Monsef
- Epidemiology of cervical spinal fractures in the US: an NEISS analysis 2001-2019  
 Shreya Jain, Kevin Chao, Lon Yin Chan, Ryan Kong, Liam Deegan, Bana Hadid, Carl Paulino, Jad Bou Monsef
- Adolescent idiopathic scoliosis: categorization of fracture patterns among blunt trauma patients relative to a general trauma population  
 David Kim, Benjamin Krasnyanskiy, Bana Hadid, George A. Beyrer, Hallie Tiburzi, Harleen Kaur, Carl Paulino, **Jad Bou Monsef**
- 2021 **Abstract Presentation** • North American Spine Society  
 Alignment and Junctional Failure in Posterior Cervical Fusion: A Multicenter Comparison of Two Surgical Approaches  
 Zachariah Pinter; Brian A. Karamian, MD; **Jad Bou Monsef**; Jennifer Mao; Ashley Xiong; Rachel L. Honig; Bradford L. Currier, MD; Ahmad Nassr; Brett Freedman; Mohamad Bydon, MD, FAANS ; Benjamin D. Elder, MD, PhD, FAANS; David Kaye; Chris Kepler; Gregory Schroeder; Alex Vaccaro; Scott Wagner; Arjun Sebastian MD
- Postoperative SVA  $>4$  cm Has No Impact on Neck Pain after C2-T2 Fusion for Myelopathy: Results from a Multi-center Study  
 Zachariah Pinter; Jad Bou Monsef; Joshua Kolz; Bradford L. Currier, MD; Ahmad Nassr; Brett Freedman; Mohamad Bydon, MD, FAANS; Benjamin D. Elder, MD, PhD, FAANS; Chris Kepler; Gregory Schroeder; Alexander R. Vaccaro, MD; Scott Wagner; David Kaye; Arjun Sebastian, MD
- Does preoperative bone mineral density impact fusion success in anterior cervical spine surgery: a prospective cohort study  
 Author links open overlay panelJad Bou Monsef MD , Zachariah Pinter MD , Ashley Xiong CCRC , Arjun S. Sebastian MD, MSc , Brett A. Freedman MD , Bradford L. Currier MD , Benjamin D. Elder MD, PhD, Ahmad N. Nassr MD
- 2020 **Poster Presentation** • AO Spine Annual Meeting, Banff, Canada  
 Does Preoperative Bone Mineral Density Impact Fusion Success in Anterior Cervical Spine Surgery?  
 Bou Monsef J, Sebastian A, Currier B, Freedman B, Pinter Z, Elder B, Nassr A
- 2019 **Poster Presentation** • Safety in Spine Surgery Summit, New York, NY  
 Perioperative Complications of Cervical Spine Procedures in Adults with Down's Syndrome  
 Bou Monsef J, Mardjetko S.
- 2018 **Poster Presentation** • International Spinal Deformity Symposium (ISDS), New York, NY  
 Early Onset Scoliosis – Results of Mehta Cotrel Casting from a Single Institution  
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 Surgical Management of Cervical Spine Pathology in Adults with Down's Syndrome  
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- 2014 **Poster Presentation** • American Academy of Orthopedic Surgeons (AAOS), New Orleans, LA  
Blood Management has an Impact on Length of Stay after Total Joint Arthroplasty  
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- 2013 **Poster Presentation** • German Congress of Orthopaedics and Traumatology, Berlin, Germany  
Targeted Autologous Blood Donation in Total Hip Arthroplasty: A Prospective Analysis  
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- Podium Presentation** • German Congress of Orthopaedics and Traumatology, Berlin, Germany  
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- Poster Presentation** • Society for Advancement of Blood Management, (SABM), Los Angeles, CA  
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- Podium Presentation** • Society for Advancement of Blood Management (SABM), Pittsburgh, PA  
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