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# **Anthony Viola III, D.O.**

Orthopaedic Spine Surgery

## **PROFESSIONAL EXPERIENCE**

<b>Valley Orthopaedic Specialists</b>	2 Trap Falls Rd, Suite 404 Shelton, CT 06484	08/2024 – Present
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## **HOSPITAL AFFILIATIONS**

<b>Griffin Hospital</b>	180 Division St Derby, CT 06418	Full Privileges
<b>St. Vincent's Medical Center</b>	2800 Main St Bridgeport, CT 06606	Full Privileges

## **EDUCATION AND TRAINING**

<b>Fellowship</b>	Spine Surgery University of Connecticut Musculoskeletal Institute Farmington, CT	08/2023 – 08/2024
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- Comprehensive spine surgery training in all aspects of both operative and non-operative spinal care
- Experience in degenerative, deformity, neoplastic and traumatic conditions
- Experience in both traditional open spine surgery techniques and complex minimally invasive techniques
- Experience treating patients at an academic medical center and treating spinal trauma at a tertiary care level I trauma center
- Research experience in basic science, biomechanics, and clinical spine surgery
- Autonomous clinical experience and skill development in billing/coding



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<b>Residency</b>	Orthopedic Surgery Philadelphia College of Osteopathic Medicine Philadelphia, PA <ul style="list-style-type: none"><li>• Practiced in various hospitals in Philadelphia metro area including the Thomas Jefferson University system, Rothman Institute, Main Line Health system, and Pennsylvania Hospital</li><li>• Subspecialty training in trauma at Cooper University Hospital, one of the busiest orthopedic trauma centers on the East Coast</li><li>• Subspecialty training in sports, trauma, and adult reconstruction at Sinai Hospital of Baltimore</li><li>• Selected as Chief Resident by co-residents and administrative staff</li><li>• As Chief Resident, managed and led process to secure ACGME accreditation for the program in 2023</li></ul>	06/2018 – 06/2023
<b>Medical School</b>	Doctorate of Osteopathic Medicine University of New England Biddeford Pool, ME	08/2014 – 05/2018
<b>Undergraduate School</b>	Bachelor of Science Exercise Science Molecular & Cell Biology, Minor University of Connecticut Storrs, Connecticut	08/2010 – 05/2014
<b>Research Experience</b>	Chairman Orthopedic Research Curriculum Philadelphia College of Osteopathic Medicine  Clinical Researcher Jersey City Medical Center Department of Orthopaedics  Clinical Researcher Maine General Medical Center Department of Orthopaedics  Basic Science and Biomechanics Researcher University of Connecticut Human Performance Lab	07/2021 – 06/2023  10/2017 – 07/2018  10/2016 – 05/2018  05/2013 – 07/2014



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## ACHIEVEMENTS

- Chief Resident; Philadelphia College of Osteopathic Medicine 07/2022 –07/2023
- Researcher of the Year; Philadelphia College of Osteopathic Medicine 06/2021
- Resident of the Year; Philadelphia College of Osteopathic Medicine 06/2023
- Member of Sigma Sigma Phi, Kappa Ch.; National Osteopathic Honors Fraternity 10/2015 - Present

## LICENSURES

- Licensed Physician for the State of Connecticut 02/2024 - Present
- Pennsylvania Osteopathic Training License; Orthopedic Resident Recertified 07/2022
- Pennsylvania Unrestricted Osteopathic License; Orthopedic Surgeon Recertified 11/2022

## CERTIFICATIONS

- Basic Life Support; American Heart Association Recertified 06/2022
- Advanced Cardiac Life Support; American Heart Association Recertified 06/2022
- Advanced Trauma Life Support; American College of Surgeons Certified 02/2023

## PROFESSIONAL AFFILIATIONS

- American Academy of Orthopedic Surgeons (AAOS) 06/2018 - Present
- American Osteopathic Academy of Orthopedics (AOAO) 06/2018 - Present
- American Osteopathic Association (AOA) 06/2018 - Present
- North American Spine Society (NASS) 06/2020 - Present

## PUBLICATIONS

- LaGreca M, Falconiero T, **Viola A**, Patel A, Bagragheh A, Danshaw B, Rushton S. Paralumbar compartment syndrome, a rare sequela of deadlifting: a case report and review of current literature. J Orthop Surg Res. 2024 Jun 23;19(1):372. doi: 10.1186/s13018-024-04860-3. PMID: 38909253; PMCID: PMC11193892.
- **Viola, A.**, Samuel, A., Rihn, J. A., Albert, T. (2023). Transforaminal Posterior Lumbar Interbody Fusion. In T. A. Zdeblick (Ed.), Master Techniques in Orthopaedic Surgery: The Spine. (4th ed., Vol. 1). Lippincott Williams & Wilkins. Pending print 2023.
- **Viola, A.**, Goz, V., Hilibrand, A. S., Russo, G. S., Anderson, G., Vaccaro, A. R., Boody, B. S. (2023). Anterior Cervical Discectomy and Fusion. In A. R. Vaccaro (Ed.), The Fellows Manual: Techniques of Spine Surgery (1st ed., Vol. 1, pp. 28–34). Jaypee Medical Publishers.



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- Lambrechts, M. J., Siegel, N., Karamian, B. A., Kanhere, A., Tran, K., Samuel, A. M., **Viola Iii, A.**, Tokarski, A., Santisi, A., Canseco, J. A., David Kaye, I., Woods, B., Kurd, M., Hilibrand, A. S., Kepler, C. K., Vaccaro, A. R., Schroeder, G. D., & Rihn, J. (2022). Demographics and Medical Comorbidities as Risk Factors for Increased Episode of Care Costs Following Lumbar Fusion in Medicare Patients. *American College of Medical Quality*, 37(6), 519–527.
- Karamian, B. A., Mao, J. Z., **Viola, A.**, 3rd, Ju, D. G., Canseco, J. A., Toci, G. R., Bowles, D. R., Reiter, D. M., Semenza, N. C., Woods, B. I., Lee, J. K., Hilibrand, A. S., Kaye, I. D., Kepler, C. K., Vaccaro, A. R., & Schroeder, G. D. (2022). Patients With Preoperative Cervical Deformity Experience Similar Clinical Outcomes to Those Without Deformity Following 1-3 Level Anterior Cervical Decompression and Fusion. *Clinical spine surgery*, 35(5), E466–E472.
- **Viola, A.**, 3rd, Appiah, J., Donnally, C. J., 3rd, Kim, Y. H., & Shenoy, K. (2022). Bone Graft Options in Spinal Fusion: A Review of Current Options and the Use of Mesenchymal Cellular Bone Matrices. *World neurosurgery*, 158, 182–188.
- Pastore, M. A., **Viola, A.**, Goz, V., & Vaccaro, A. (2022). Radiographic Evaluation of the Upper Cervical Spine. In P. K. Louie, H. S. An, & D. Samartzis (Eds.), *Atlas of Spinal Imaging: Phenotypes, measurements and classification systems* (1st ed., Vol. 1, pp. 3–12). Elsevier.
- Keller, D. M., Pizzo, R. A., Patel, J. N., **Viola, A.**, Yoon, R. S., & Liporace, F. A. (2022). Use of antibiotic-cement coated locking plates in the setting of periprosthetic infection and infected nonunion. *Injury*, 53(7), 2567–2572.
- Remily, E. A., Wilkie, W. A., Mohamed, N. S., Pastore, M., **Viola, A.**, Cho, A. H., Nace, J., & Delanois, R. E. (2021). Trends of Obese and Morbidly Obese Patients in Same-Day Bilateral Total Knee Arthroplasty from 2009 to 2016. *The journal of knee surgery*, 34(12), 1275–1283.
- Pizzo, R. A., Patel, J. N., **Viola, A.**, Keller, D. M., Yoon, R. S., & Liporace, F. A. (2020). Reducing Dislocations of Antibiotic Hip Spacers via Hybrid Cementscrew Constrained Liner Fixation: A Case Series. *Hip & pelvis*, 32(4), 207–213.
- Buzin, S., Gianakos, A. L., Li, D., **Viola, A.**, Elkattawy, S., Keller, D. M., Yoon, R. S., & Liporace, F. A. (2020). Risk factors for liposomal bupivacaine resistance after total hip or knee arthroplasties: a retrospective observational cohort in 237 patients. *Patient safety in surgery*, 14, 6.

## ABSTRACTS

- **Viola A.**, Nayak, R., Obopilwe, E., Chivukula, A., Mallozzi, S., Moss, I., Singh, H. The effect of hybrid cervical disc arthroplasty and anterior cervical fusion constructs on adjacent level intradiscal pressures: A Biomechanical Study. Accepted for poster presentation Cervical Spine Research Society (CSRS) annual meeting, Dec. 2024.



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- **Viola III, A.**, Abrams, A., Mallozzi, S., Moss, I., Singh, H. Effects of Utilization of Augmented Reality on Intraoperative Efficiency. Submitt for poster presentation at the Society for Minimally Invasive Spine Surgery (SMISS) annual meeting, Sept. 2024.
- LaGreca M., **Viola, A.**, Patel A., Horan, T., Chaudhry Y.P., Papadelis, E., Falconiero T., Danshaw B., Rushton S. Paralumbar Compartment Syndrome, a Rare Sequela of Deadlifting. American Osteopathic Academy of Orthopedics (AOAO) Annual Fall Meeting Nov 2022.
- LaGreca M., **Viola, A.**, Patel A., Horan, T., Chaudhry Y.P., Papadelis, E., Falconiero T., Danshaw B., Rushton S. Non-operative Management for Paraspinal Compartment Syndrome, a Critical Review of the Available Literature. American Osteopathic Academy of Orthopedics (AOAO) Annual Fall Meeting Nov 2022.
- Wilkie WA, Forte S, Remily EE, Mohamed NS, Pervaiz SS, **Viola A**, Pastore M, DiGioia N, D'Alonzo J, Nace J, Delanois RE. 90-day outcomes of THAs at Publicly vs Privately Owned Hospitals. Pennsylvania Orthopaedic Society Annual Meeting October 2020.
- Mohamed NS, Remily EA, Douglas SJ, Pervaiz SS, Stafford JA, **Viola A**, Wazen J, Nace J, Delanois RE. Depression in Total Knee Arthroplasty: Do Increased Complications Result in Increased Mortality. American Academy of Hip and Knee Surgeons Annual Meeting November 5-8, 2020.

### **MULTIMEDIA PUBLICATIONS**

- **Viola, A.** "General Perioperative Plans: Pre-operative and Post-operative Antibiotics". Medical Student Roadmap Video Series. American Academy of Orthopedic Surgeons. August 2021
- **Viola, A.** "General Perioperative Plans: DVT Prophylaxis". Medical Student Roadmap Video Series. American Academy of Orthopedic Surgeons. August 2021
- **Viola, A.** "General Perioperative Plans: Pre-operative labs and imaging". Medical Student Roadmap Video Series. American Academy of Orthopedic Surgeons. August 2021
- **Viola, A.**, Arevalo, A. "How to Prepare for Surgery: Pre-operative Imaging". Medical Student Roadmap Video Series. American Academy of Orthopedic Surgeons. January 2021



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## PRESENTATIONS

- LaGreca M., **Viola, A.**, Patel A., Horan, T., Chaudhry Y.P., Papadelis, E., Falconiero T., Danshaw B., Rushton S. Paralumbar Compartment Syndrome, a Rare Sequela of Deadlifting. American Osteopathic Academy of Orthopedics (AOAO) Annual Fall Meeting Virtual Oral Presentation. Nov 2022.
- LaGreca M., **Viola, A.**, Patel A., Horan, T., Chaudhry Y.P., Papadelis, E., Falconiero T., Danshaw B., Rushton S. Paralumbar Compartment Syndrome, a Rare Sequela of Deadlifting. Philadelphia College of Osteopathic Medicine Grand Rounds Poster Presentation. May 2022
- **Viola A**, Gallus C. Navigation and Artificial intelligence in Spine Surgery: From the beginnings of navigated screw placement to the current state. Podium presentation AOAO Annual Fall Meeting. October 28-30, 2021.
- Wilkie WA, Forte S, Remily EE, Mohamed NS, Pervaiz SS, **Viola A**, Pastore M, DiGioia N, D'Alonzo J, Nace J, Delanois RE. *"90-day outcomes of THAs at Publicly vs Privately Owned Hospitals"*; Presented at the Pennsylvania Orthopaedic Society Annual Meeting October 2020.
- Mohamed NS, Remily EA, Douglas SJ, Pervaiz SS, Stafford JA, **Viola A**, Wazen J, Nace J, Delanois RE. Depression in Total Knee Arthroplasty: Do Increased Complications Result in Increased Mortality. Presented at the American Academy of Hip and Knee Surgeons Annual Meeting November 5-8, 2020.
- **Viola A**, Aboulafia A. Desmoid Tumor: A Case Study. Poster presented at Gastric and Soft Tissue Neoplasms 2019. September 21, 2019, Washington, D.C.
- **Viola A**, Liu K. Incidence and Management of Humeral Shaft Fractures in Newborns. Poster presented at American Academy of Pediatrics, Maine Chapter, May 6, 2017, Portland, Maine.
- **Viola A**, Marceau J. EKG's and Sudden Cardiac Death in Athletes. Presentation at Maine General Grand Rounds, March 23, 2017, Augusta, Maine.
- **Viola A**, Morison W, Lee EC. Cell Non-Autonomous Neuronal Regulation of Polyglutamine Aggregation in *C. elegans*. Poster presented at Frontiers in Undergraduate Research, October 23, 2013, University of Connecticut, Storrs, Connecticut.