



---

Petros Koutsogiannis, DO

## LOCATIONS

- Laurinburg
- Pembroke

## CLINICAL SPECIALTIES

- Specialties
- Spine

## Petros Koutsogiannis, DO

### Bio

---

Dr. Koutsogiannis is a fellowship-trained orthopaedic surgeon specializing in treating disorders of the entire spine. He is native to the Carolinas, being born and raised in upstate South Carolina. He completed his Orthopedic Surgery Residency training at Hofstra University/Northwell Health System in New York. He was honored to serve as Chief Orthopedic Surgery Resident in his final year. As part of his sub-specialty training, Dr. Koutsogiannis completed a one-year fellowship in Spine Surgery at the renowned William Beaumont University Hospital in Royal Oak, Michigan. There, he trained using the latest technology, and minimally invasive techniques. Dr. Koutsogiannis' extensive fellowship training focused on operative and non-operative management of common and complex degenerative and traumatic disorders of the cervical, thoracic, and lumbar spine.

Dr. Koutsogiannis has published numerous papers in well-respected peer-reviewed journals. He has presented at national conferences and contributed to several book chapters on topics related to Orthopaedics and Spine Surgery. He is a candidate member of the American Academy of Orthopaedic Surgeons and North American Spine Society.

Outside of work, Dr. Koutsogiannis enjoys spending time with his wife and 2 children. They enjoy vacationing in Greece to visit family and friends.

## Education

---

- University of South Carolina - B.S in Biology, Minor in Chemistry
- Philadelphia College of Osteopathic Medicine - Doctor of Osteopathic Medicine
- Zucker School of Medicine at Hofstra University/Northwell Health - Orthopaedic Residency
- William Beaumont University Hospital - Orthopaedic Surgery of the Spine Fellowship

## Practice

---

- Member of the Lumbar Spine Research Society
- Member of the North American Spine Society
- Member of the American Academy of Orthopaedic Surgeons

Specialty: Adult and Pediatric Spine Surgery, Minimally Invasive Spine Surgery, Endoscopic Spine Surgery

## Awards

---

- Resident Teacher of the Year Award, Huntington Hospital Northwell Health, June 2023
- my-Recognition Teamwork Award, Northwell Health System, January 2022
- Best Papers Award at the North American Spine Society 36th Annual Meeting, Boston, MA. October 2021.
- Academic Competition and Research Symposium, Excellence in Research Award; Donald and Barbara Zucker SOM at Hofstra/Northwell, April 2020

## Research

---

### PEER REVIEWED PUBLICATIONS AND ABSTRACTS:

1. Daley, A., Klein, B., Koutsogiannis P., Tarleton A., Kanwarpaul, G. (05/2024). Complete Recovery After Prompt Decompression of Spontaneous Spinal Epidural Hematoma: A Case Report and Review of the Literature. JAOAO. Volume VIII, Number 1 Spring '24.
2. Tarazi J. M., Koutsogiannis P., Humphrey E. K., et al. (03/2024) Risk Factors for Unexpected Admission Following Lumbar Spine Laminectomy: A National



Database Study. Cureus 16(3): e55507. doi:10.7759/cureus.55507

3. Sarwahi, V., Hasan, S., Koutsogiannis, P., Visahan, K., Rao, H., Patil, A., Lo, Y., Amaral, T., DiMauro, JP. (05/2023). Effect of Pedicle Screw Size on Surgical Outcomes Following Surgery for Adolescent Idiopathic Scoliosis. Spine.

<https://doi.org/10.1097/brs.0000000000004700>

4. Koutsogiannis, P., Frane, N., Teymur, A., Bitterman, A. (5/2022). Peroneus Longus and Peroneus Brevis: A Review on Pathology and Updated Treatments. JBJS Reviews.

5. Sarwahi, V., Hasan, S., Koutsogiannis, P., Vora, R., Molloy, S., Benton, A., Yu, H., Khoiratty, S., Lo, Y., Amaral, T., Lui, D. (4/2022). Scheuermann Kyphosis Patients. Have a Similar Revision and Infection Rates to Adolescent Idiopathic Scoliosis Patients. Spine.

<https://doi.org/10.1097/brs.0000000000004233>

6. Koutsogiannis, P., Khan, S., Phillips, F., Qureshi, S., Dowling, T.J, Song, J., Virk, S. (2/2022). A Cross-sectional Analysis of 284 Complications for Lumbar Disc Replacements from Medical Device Reports Maintained by the United States Food and Drug Administration. The Spine Journal.

<https://doi.org/10.1016/j.spinee.2021.08.001>

7. Dowling, T.J, Petrone, B., Koutsogiannis, P., Lutsky, L., Matai, P., Mauri, T., Virk, S. (2021). Effects of Anterior Cervical Discectomy and Fusion on Mental Health. The Spine Journal. 21(9), S50-S51.

<https://doi.org/10.1016/j.spinee.2021.05.129>

8. Sarwahi, V., Koutsogiannis, P., Hasan, S., Vora, R., Molloy, S., Benton, A., Yu, H., Khoiratty, S., Lo, Y., Amaral, T., Lui, D. (2021). Scheuermann Kyphosis Patients Have Similar Revision and Infection Rates to Adolescent Idiopathic Scoliosis Patients. Northwell Journal of Orthopedic Surgery Volume 1(1), 28-29.

9. Koutsogiannis, P., Dowling, T. J. (2021). Halo Brace. In StatPearls. StatPearls Publishing.

10. Mandadi, A. R., Koutsogiannis, P., & Waseem, M. (2021). Pediatric Spine Trauma. In StatPearls. StatPearls Publishing.

11. Thompson, J. H., Koutsogiannis, P., & Jahangir, A. (2020). Tibia Fractures Overview. In StatPearls. StatPearls Publishing.

12. Koutsogiannis, P., Fakhoury, J., Grewal, K., Katsigiorgis, G. (2020).

Pulmonary Embolism as a Complication Following Anterior Cervical Discectomy



and Fusion in a Patient with a History of COVID-19: A Case Report and Literature Review. *Trauma International* 6(2), 11-14.

13. Min C., Koutsogiannis, P., Partan, M.J., Iturriaga, C., Katsigiorgis, G., Cohn, R.M. (2020). Risk Factors for Postoperative Hospital Admission in Patients Undergoing Anterior Cruciate Ligament Reconstruction: An ACS-NSQIP Database Study. *Northwell Journal of Orthopedic Surgery* Volume 3 (1), 20-21.

14. Min, C. J., Partan, M. J., Koutsogiannis, P., Iturriaga, C. R., Katsigiorgis, G., & Cohn, R. M. (2020). Risk factors for hospital admission in patients undergoing outpatient anterior cruciate ligament reconstruction: A national database study. *Journal of Orthopaedics*, 22, 436–441. <https://doi.org/10.1016/j.jor.2020.09.020>

### **BOOK CHAPTERS:**

1. Fischgrund, J., Khalil, J., Koutsogiannis, P. (2024). Biomechanics and Implant Materials: The Anterior Column. *Benzel's Spine Surgery*, 6th edition

### **RESEARCH PRESENTATIONS:**

1. Dimock, E., Miller, A., Murphy, M., Koutsogiannis, P., Moore, D., Jacobson, M. Is Directionality of a lumbar Disc Herniation Associated with Motor Defecits? Corewell Health - William Beaumont University Hospital Dept. of Orthopaedic Surgery Research Day; May 2024; Royal Oak, MI.

2. Campbell, C., Koutsogiannis, P., Tarazi, J., Chang, K., Piniella, N., Katsigiorgis, M., Katsigiorgis, G. (2022). A Cross-sectional Analysis of the Femoral Neck System from Medical Device Reports: A National Database Study. Poster Presentation: AAOS; March 2023; Las Vegas, NV.

3. Koutsogiannis, P., Katz, A., Iturraga, C., Song, J., Silber, J.S., Essig, D. The Effect of Preoperative Ambulation Status on Postoperative Patient Reported Outcomes in Patients Undergoing Lumbar Spine Surgery. Podium Presentation: 15th Lumbar Spine Research Society Annual Scientific Meeting; April, 2022; Chicago, IL.

4. Koutsogiannis, P., Khan, S., Phillips, F., Qureshi, S., Dowling, T.J, Song, J., Virk, S. (2/2022). A Cross-sectional Analysis of 284 Complications for Lumbar Disc Replacements from Medical Device Reports Maintained by the United States Food and Drug Administration. Northwell Health Orthopaedic Research Symposium; April, 2022; Manhasset, NY.



5. Sarwahi, V., Sayyida, H., Koutsogiannis, P., Rao, H., Lo, Y., Amaral, T., DiMauro, J. Effect of Screw Size on Surgical Outcomes: A Review of 412 Patients. Podium Presentation: AAOS; March, 2022; Chicago, IL. .
6. Dowling, T.J, Petrone, B., Koutsogiannis, P., Lutsky, L., Matai, P., Mauri, T., Virk, S. Effects of Anterior Cervical Discectomy and Fusion on Mental Health. Best Papers Poster Presentation: North American Spine Society; October 2021; Boston, MA.
7. Koutsogiannis, P., Katz, A., Iturraga, C., Song, J., Silber, J.S., Essig, D. The Effect of Preoperative Ambulation Status on Postoperative Patient Reported Outcomes in Patients Undergoing Lumbar Spine Surgery. Poster Presentation: New York State Society of Orthopaedic Surgeons (NYSSOS) Virtual Annual Meeting and Symposium; October, 2021; New York, NY.
8. Koutsogiannis, P., Khan, S., Phillips, F., Qureshi, S., Dowling, T.J, Song, J., Virk, S. A Cross-sectional Analysis of 284 Complications for Lumbar Disc Replacements from Medical Device Reports Maintained by the United States Food and Drug Administration. Poster Presentation: New York State Society of Orthopaedic Surgeons (NYSSOS) Virtual Annual Meeting and Symposium; October 2021; New York, NY.
9. Min C., Koutsogiannis, P., Partan, M.J., Iturriaga, C., Katsigiorgis, G., Cohn, R.M. Risk Factors for Postoperative Hospital Admission in Patients Undergoing Anterior Cruciate Ligament Reconstruction: An ACS-NSQIP Database Study. Poster Presentation: American Academy of Orthopedic Surgeons Poster Presentation; August, 2021; San Diego, CA.
10. Koutsogiannis, P., Fakhoury, J., Grewal, K., Katsigiorgis, G. Pulmonary Embolism as a **Complication Following Anterior Cervical Discectomy and Fusion in a Patient with a History of COVID-19: A Case Report**. Poster Presentation: Northwell Health Academic Competition and Research Symposium; Virtual Meeting, June 2021; New York, NY.
11. Sarwahi, V., Koutsogiannis, P., Hasan, S., Vora, R., Molloy, S., Benton, A., Yu, H., Khoiratty, S., Lo, Y., Amaral, T., Lui, D. Scheuermann Kyphosis Patients Have Similar Revision and Infection Rates to Adolescent Idiopathic Scoliosis Patients. Podium Presentation: International Society for the Advancement of Spine Surgery; May, 2021; Miami, FL.
12. Koutsogiannis, P., Katz, A., Iturraga, C., Song, J., Silber, J.S., Essig, D. The Effect of Preoperative Ambulation Status on Postoperative Patient Reported



Outcomes in Patients Undergoing Lumbar Spine Surgery. Podium Presentation: Northwell Health Orthopaedic Research Symposium; May, 2021; New York, NY.

13. Koutsogiannis, P., Ganz, M., Stapleton, E., Regala, P., Matai, P., Katsigiorgis, G., Cohn, R.M. (2021). The Effects of Season and Weather on Operative Geriatric Hip Fractures: Incidence, Hospital Volume, and Impact on the Orthopedic Floor. Poster Presentation: American Osteopathic Academy of Orthopedics Poster Presentation; October, 2020; Virtual Meeting.

14. Koutsogiannis, P., Ganz, M., Stapleton, E., Regala, P., Matai, P., Katsigiorgis, G., Cohn, R.M. (2021). The Effects of Season and Weather on Operative Geriatric Hip Fractures: Incidence and Fracture Risk is Correlated with Daily Weather. Eastern Orthopaedic Association Poster Presentation; October, 2020; Naples, FL.

15. Koutsogiannis P., Boucas, P., Grewal, K. Management of a Cervical Spine Epidural Abscess Caused by Propionibacterium Acnes: A Complication from an Endoscopic Cervical Discectomy Procedure. Selected Finalist, Poster Presentation: Northwell Health Academic Competition and Research Symposium; June, 2020; Virtual Meeting, New York, NY.