

CURRICULUM VITAE

Mathew Cyriac, M.D., M.B.A.

Academic Address:

Tulane University
Department of Orthopaedics
1430 Tulane Avenue #8632
New Orleans, LA 70112-2699

Phone: 504-988-0100

Fax: 504-988-3597

Email: mcyriac@tulane.edu

Clinic Address:

4224 Houma Blvd
Suite 270
Metairie, LA 70006

Phone: 504-988-8476

Fax: 504-988-4200

EDUCATION**COLLEGE:**

Union College, Schenectady, NY
2003 – 2007
Bachelor of Science – Biology and Economics

**PROFESSIONAL SCHOOLS
OF GRADUATE STUDY:**

Union Graduate College, Schenectady, NY
2006 – 2008
Master of Business Administration – Healthcare Management

Albany Medical College, Albany, NY
2007- 2011
Doctor of Medicine

RESIDENCY:

George Washington University Hospital, Washington, DC
2011 – 2016

FELLOWSHIP:

Spine Surgery Fellowship
Emory University, Atlanta, GA
2016 – 2017

BOARD CERTIFICATION

American Board of Orthopaedic Surgery

ACADEMIC APPOINTMENTS

09/2017 – Present	Associate Professor of Orthopaedics	Tulane University, New Orleans, LA
-------------------	-------------------------------------	------------------------------------

ADMINISTRATIVE APPOINTMENTS

Chief of Orthopaedics and OrthoSpine at East Jefferson Hospital (Tulane Medical Center)	2024 to Present
Co-Director Spine Surgery at New Orleans VA Hospital	2018 to Present
Co-Director of Research at Tulane Orthopaedic Department	2017 to 2020

PROFESSIONAL ORGANIZATIONS

American Academy of Orthopaedic Surgeons (AAOS)
 North American Spine Society (NASS)
 AO Spine

HONORS AND AWARDS

Alpha Omega Alpha, 2010
 East Jefferson Hospital Physician of the Quarter (Q4, 2024)
 Castle Connolly Top Doctors New Orleans 2022, 2023, 2024

INVITED LECTURES

04/2025	1. Updates in Complex Spine Surgical Techniques: Prone Lateral- The Best Approach for Achieving Sagittal Alignment	International Society for Advancement Of Spine Surgery Annual Meeting.	Discussed advanced technique for improving lumbar lordosis & sagittal alignment to US & international surgeons
03/2024	2. Spine Symposium: Approaches to the Lumbar Spine	Louisiana Orthopaedic Association Annual Meeting, New Orleans, LA	Discussed OLIF approach to Attending & Resident Ortho Surgeons
09/2023	3. Spine Symposium: Current Advances in Spine Techniques for the Practicing Orthopedic Surgeon	Clinical Orthopaedic Society Annual Meeting, New Orleans, LA	Discussed cervical disc arthroplasty to US & International surgeons
07/2023	4. Management of Adult Spinal Deformity	National Medical Association Annual Meeting, New Orleans, LA	Discussed management of complex spine deformities to surgeons in USA
09/2022	5. Anterior to the Psoas (ATP) & Prone Lateral Fusion: Indications, Surgical Technique, Tips and Trick	Advanced Techniques in Lateral Spine Surgery, Stryker Spine, Las Vegas, NV	Taught visiting surgeons from US & abroad on advanced spine techniques
06/2022	6. Minimally Invasive Spine Surgery: OLIF, XLIF, TLIF, PSF, Prone Lateral	Association of Surgical Technicians: National Meeting, New Orleans, LA	Lectured on new spine techniques to surgical technologists at national meeting
06/2022	7. Tips & Tricks for Access to the difficult L4-5 level	PTP (Prone Transpsoas) Spine Summit, ATEC Spine, San Diego, CA	National meeting on advance spine technique: prone transpsoas fusion
05/2022	8. Surgical Management of Lumbar Stenosis	LSU Pain Fellowship Grand Rounds, New Orleans, LA	Lectured to LSU Pain fellows
05/2022	9. Anterior Column Release: Indications, Surgical Technique, Tips and Trick	Advanced Techniques in Lateral Spine Surgery, Stryker Spine, Miami, FL	Taught (lecture & Cadaver lab) visiting surgeons from US & abroad on complex spine technique
09/2021	10. Prone Lateral Fusion: Tips & Tricks	Society for Minimally Invasive Surgery – Young Surgeon's Forum, Las Vegas, NV	National lecture on new surgical technique to practicing US surgeons

06/2021	11. Improving access to L4-5 in the prone position	Prone Lateral Fusion Summit, Medtronic, Dallas, TX	National meeting of US surgeons
---------	--	--	---------------------------------

TEACHING

1. 2017 to Present; Orthopedic Pathways; Lectured and Taught 1st & 2nd Year medical students
2. Joint Appointment in Neurosurgery and Orthopaedic Department at Tulane University

COMMITTEE POSITIONS

Institutional and Local

2018 to Present	Orthopaedic liaison/representative	Tulane Surgical Executive Committee	Tulane/EJ
2024 to Present	Orthopaedic liaison/representative	Medical Executive Committee	Tulane/EJ
2018 to Present	Interviewer	Tulane Admissions	Tulane
2023 to 2025	Orthopaedic Evaluator	Orthopaedic Clinical Competency Committee	Tulane

PEER REVIEWED MANUSCRIPTS PUBLISHED:

1. Evolving Trends in Anterior Cervical Spine Surgery: A Decade-Long Shift Towards Standalone Constructs. *Current Orthopaedics Review*. 2025
2. Trends of opioid use following anterior cervical discectomy and fusion: A 10-year longitudinal study of the Veterans Health Administration Gabig A, Rezaii P, Clark S, Delvadia B, Lee O, Sherman W, **Cyriac M.** *North American Spine Society Journal*. 03/2025
3. The Percentage of Sacroiliac Fusions Done in the U.S. by Non-Surgical Specialties Has Increased. **Cyriac M,** Delvadia B, Winter J, Budin J, Lee O, Sherman W. *Journal of Spine Surgery*. December 2024
4. Put Down the Tin: Chewing Tobacco Use Is Associated With Worse Outcomes After Primary Lumbar Fusion. *Clinical Spine Surgery*. Cole M, Collins L, Waters T, Salas Z, Sherman W, **Cyriac M.** *Clinical Spine Surgery*. August 2023
5. Anterior Lumbar Spinal Fusion Surgery Associated with Lower Risk of Stroke, Pneumonia, and Infection Compared to Posterior Lumbar Spinal Fusion Surgery. McCluskey L, Angelov I, Wu Victor, Gupta S, Saifi C, **Cyriac M.** *North American Spine Society Journal*. November 2022
6. Lumbar Spine Surgery Reduces Postoperative Opioid Use in the Veteran Population. Paymon R, Clark S, Lee O, **Cyriac M,** Dumont A, Sherman W. *Journal of Spine Surgery*. Sept 2022
7. Trends of Single-Level Anterior Cervical Discectomy and Fusion Documentation after the 2015 CMS Coding Audit. Patel A, Ofa S, Collins L, McCluskey L, Sherman W, **Cyriac M.** *Journal of Neurosurgery: Spine*. Aug 2022
8. Trends in Surgical Approach for Single-Level Lumbar Fusion Over the Past Decade. Wilder H, Ross B, McCluskey L, **Cyriac M,** Patel A, Sherman W. *Clinical Spine Surgery*. Aug 2022
9. The Effect of Esophageal Temperature Probes on Postoperative Dysphagia Following Primary Anterior Cervical Discectomy and Fusion: A Randomized Prospective Study. Samtani R, Weinreb J, **Cyriac M,** Huttman D, O'Brien J. *IJSS* 2021

10. Anterior Lumbar Interbody Fusion With Cement Augmentation Without Posterior Fixation to Treat Isthmic Spondylolisthesis in an Osteopenic Patient—A Surgical Technique. **Cyriac M**, Kyhos J, Iweala U, Lee D, Mantell M, O'Brien JR. *International Journal of Spine Surgery*. 2018 Jun 1:5037.
11. The P-mJOA - A patient-derived, self-reported outcome instrument for evaluating cervical myelopathy: Comparison with the mJOA. Rhee JM, Shi WJ, **Cyriac M**, Kim JY, Zhou F, Easley KA, Patel A. *Clinical Spine Surgery* 2017, Dec
12. Complications, Readmissions, and Reoperations in Posterior Cervical Fusion. Medvedev G, Wang C, **Cyriac M**, Amdur R, O'Brien J. *Spine (Phila Pa 1976)*. 2016 Oct 1;41(19):1477-1483
13. Biomechanical analysis of an expandable lateral cage and a static transforaminal lumbar interbody fusion cage with posterior instrumentation in an in vitro spondylolisthesis model. Mantell M, **Cyriac M**, Haines CM, Gudipally M, O'Brien JR. *J Neurosurg Spine*. 2016 Jan;24(1):32-8. PMID: 26384133.
14. The unusual presentation of a vascular injury after lumbar microdiscectomy: case report. Huttman D, **Cyriac M**, Yu W, O'Brien JR. *J Neurosurg Spine*. 2016 Mar;24(3):381-4. PMID: 26637063.
15. In Vitro Cytotoxic Effects of Benzalkonium Chloride in Corticosteroid Injection Suspension. Davis D, **Cyriac M**, Ge D, You Z, Savoie FH. *J Bone Joint Surg Am*. 2010;92(1):129-137. PMID:20048105.

PEER REVIEWED MANUSCRIPTS CURRENTLY UNDER PEER REVIEW

1. Less is More? A Comparison of Multi-level Anterior Cervical Fusion with and without Anterior Instrumentation. Jackson T, Sherman W, Cyriac M. *Journal of Spine Surgery*

BOOK CHAPTERS:

1. McCluskey, L **Cyriac M**. Prone Transpsoas Lateral Approach. *Lumbar Spine Access Surgery: A Comprehensive Guide to Anterior and Lateral Approaches*, J O'Brien (Ed), Springer. Feb 2024
2. **Cyriac M**, Heller JG. Cervical Disc Arthroplasty. *Emory's Illustrated Tips and Tricks in Spine Surgery*, JM Rhee (Ed), Lippincot Williams and Wilkins. August 2019
3. **Cyriac M**, Boden S, Rhee JM. Lumbar Laminectomy. *Emory's Illustrated Tips and Tricks in Spine Surgery*, JM Rhee (Ed), Lippincot Williams and Wilkins. August 2019
4. **Cyriac M**, Yoon ST. Percutaneous lumbar fusion and pedicle screw instrumentation. *Emory's Illustrated Tips and Tricks in Spine Surgery*, JM Rhee (Ed), Lippincot Williams and Wilkins. August 2019
5. **Cyriac M**, Rhee JM. Pedicle Subtraction Osteotomy and Correction. *Emory's Illustrated Tips and Tricks in Spine Surgery*, JM Rhee (Ed), Lippincot Williams and Wilkins. August 2019
6. **Cyriac M**, Rhee JM. Smith-Peterson Osteotomy. *Emory's Illustrated Tips and Tricks in Spine Surgery*, JM Rhee (Ed), Lippincot Williams and Wilkins. August 2019
7. **Cyriac M**, Michael K. Thoracic Lateral Interbody Fusion and Corpectomy. *Emory's Illustrated Tips and Tricks in Spine Surgery*, JM Rhee (Ed), Lippincot Williams and Wilkins. August 2019
8. **Cyriac M**, Michael K. Direct Lateral Interbody Fusion: Standard and Anterior Column Release. *Emory's Illustrated Tips and Tricks in Spine Surgery*, JM Rhee (Ed), Lippincot Williams and Wilkins. August 2019
9. *Tips and Tricks in Spine Surgery*, JM Rhee (Ed), Lippincot Williams and Wilkins. August 2019

10. **Cyriac M**, Michael K. Non-Operative Reduction of Cervical Fractures and Dislocations. *Emory's Illustrated Tips and Tricks in Spine Surgery*, JM Rhee (Ed), Lippincot Williams and Wilkins. August 2019
11. **Cyriac M**, Michael K. Operative Treatment of Thoracolumbar Flexion-Distractor Injuries. *Emory's Illustrated Tips and Tricks in Spine Surgery*, JM Rhee (Ed), Lippincot Williams and Wilkins. August 2019
12. **Cyriac M**, Michael K. Operative Treatment of Thoracolumbar Fracture-Dislocations. *Emory's Illustrated Tips and Tricks in Spine Surgery*, JM Rhee (Ed), Lippincot Williams and Wilkins. August 2019
13. Mehul D, Petersahn J, **Cyriac M**, O'Brien J, Lati C. Lumbar Disc Displacement, in Pain Medicine: An Interdisciplinary Case-Based Approach. Hayek S, Ed., Oxford University Press, 2015, pp. 196-212.

ORAL PRESENTATIONS:

1. Tulane Orthopaedic Grand Rounds, New Orleans, LA August 2023
Subaxial Cervical Fractures: Diagnosis and Management
2. Tulane Internal Medicine/Primary Care Grand Rounds, New Orleans, LA August 2023
Cervical Spinal Stenosis: Evaluation and Management
3. Emergencies in Sports, Center for Sport at Tulane University, New Orleans, LA. June 2023
Cervical Spine Injuries in Sports
4. Tulane Orthopaedic Grand Rounds, New Orleans, LA May 2023
Cervical Spinal Deformities
5. Tulane Orthopaedic Grand Rounds, New Orleans, LA July 2022
Cervical Spine Injuries in the Athlete
6. Tulane Radiology Grand Rounds, New Orleans, LA March 2022
Review of Imaging: MRI Lumbar Spine
7. National Sales Meeting, ATEC Spine, San Diego, CA February 2022
OLIF/ATP vs PTP
8. Tulane Orthopaedic Grand Rounds, New Orleans, LA January 2022
Ankylosing Spondylitis: Spine Fractures
9. LSU Pain Fellowship Grand Rounds, New Orleans, LA June 2021
Surgical Management of Lumbar Stenosis
10. Tulane Orthopaedic Grand Rounds, New Orleans, LA April 2021
Cervical Radiculopathy
11. Louisiana Orthopaedic Association – Annual Meeting, March 2021
Epidemiology of Surgical Site Infection after Spinal Fusion for Idiopathic Scoliosis from 2008-2017
Using a National Database (with Granruth C, Igoboechi O, Savoie F)
12. Society for Minimally Invasive Surgery – Young Surgeon's Forum, October 2020
Outcomes of Anterior vs Posterior Approach to Single Level Lumbar Interbody Fusion (with Gupta S, McCluskey L, Vu V)

13. Hibbs Society, SRS Annual Meeting, Anchorage, AK, September 2014
Proximal Junctional Failure Following Posterior Spinal Fusion to the Lower Thoracic Spine: the Effect of Cement Augmentation (with Ho A, Napier Z, Yu W, and O'Brien J)
14. Society for Minimally Invasive Surgery – Global Forum, Miami, FL, September 2014
The Effect of an Esophageal Probe on Post-Operative Dysphagia Following Primary Anterior Cervical Discectomy and Fusion: a Randomized Prospective Study (with Huttman D, Yu W, O'Brien J)
15. AAOS Annual Meeting, New Orleans, LA, March 2010
In Vitro Cytotoxic Effects of Benzalkonium Chloride in Corticosteroid Injection Suspension (with Davis D, Ge D, You Z, and Savoie FH)