

CURRICULUM VITAE

John O. Barron, MD

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EDUCATION

2012 – 2016 **Bachelor of Science, Cellular and Molecular Biology**
Missouri State University, Springfield, MO
summa cum laude

2016 – 2020 **Doctor of Medicine**
Saint Louis University School of Medicine, St. Louis, MO
summa cum laude

2023 – Present **Master of Science, Clinical Research**
Case Western Reserve University, Cleveland, OH

POST-DOCTORAL TRAINING

2020 – Present **Resident, General Surgery**
Digestive Disease and Surgery Institute
Cleveland Clinic Foundation, Cleveland, OH

2022 – Present **Research Fellow, Thoracic Surgery**
Department of Thoracic and Cardiovascular Surgery
Cleveland Clinic Foundation, Cleveland, OH
Mentors: Siva Raja, MD, PhD & Eugene Blackstone, MD

EMPLOYMENT

2022 – Present **Surgical House Officer**
Southwest General Hospital
Cleveland, OH

MEDICAL LICENSURE

2020 – 2022	Training Certificate State of Ohio
2022 – Present	Medical License State of Ohio – Active, expires June 24, 2024

COURSES AND CERTIFICATIONS

ATLS	Issued September 15, 2021
ACLS/BLS	Renewed July 22, 2022. Expires July 22, 2024
NIH Stroke Scale	Issued August 12, 2022
Medical biostatistics	2022-2023, Education Institute, Cleveland Clinic

PROFESSIONAL MEMBERSHIPS

2016	American College of Surgeons (ACS)
2019	Alpha Omega Alpha (AOA)
2020	Association for Academic Surgery (AAS)
2022	Society of Thoracic Surgeons (STS)
2023	General Thoracic Surgical Club (GTSC)
2024	Society of American Gastrointestinal and Endoscopic Surgeons (SAGES)

HONORS AND AWARDS

2014 – 2016	Smith-Glynn-Calloway Medical Foundation Pre-Medical Scholarship <i>Missouri State University, Springfield, MO</i>
2019	Alpha Omega Alpha, Class Officer <i>Beta Chapter, Saint Louis University School of Medicine, St. Louis, MO</i>
2020	Donald W. Bussman Award For exemplary loyalty and service in the area of admissions <i>Saint Louis University School of Medicine, St. Louis, MO</i>
2020	Camillus Award Presented to the graduating medical student with the overall highest academic standing <i>Saint Louis University School of Medicine, St. Louis, MO</i>
2021	Outstanding Preceptor, Surgery Clerkship For consistent provision of valuable feedback to 3 rd year medical students <i>Cleveland Clinic Lerner College of Medicine, Cleveland, OH</i>
2021	Cleveland Clinic Top ABSITE Score Award Presented for outstanding American Board of Surgery exam performance <i>Cleveland Clinic Foundation, Cleveland, OH</i>
2022	General Surgery “Teaching Apple” Award

Presented to those who go above and beyond to educate and motivate those around them

Cleveland Clinic Foundation, Cleveland, OH

- 2022 Cleveland Clinic Top ABSITE Score Award
Presented for outstanding American Board of Surgery exam performance
Cleveland Clinic Foundation, Cleveland, OH
- 2023 Cleveland Clinic Top ABSITE Score Award
Presented for outstanding American Board of Surgery exam performance
Cleveland Clinic Foundation, Cleveland, OH
- 2024 AATS Member for a Day Program, Recipient
2024 AATS Annual Meeting, Toronto, CA

COMMITTEE SERVICE AND LEADERSHIP

- 2016 – 2018 Epharmix Research Center
Washington University School of Medicine, Saint Louis, MO
- 2017 Trauma Surgery Visiting Student
Hospital Nacional Daniel Alcides Carrión, Lima, Peru
- 2017 – 2018 Hispanic Health Interest Group
- 2017 – 2020 School of Medicine Admissions Committee
- 2019 Surgery Clerkship Evaluation Team
- 2019 Vice President of Research, Alpha Omega Alpha
Saint Louis University School of Medicine, St. Louis, MO
- 2021 – Present Member, General Surgery Curriculum Committee
- 2022 – Present Member, General Surgery Goals and Objectives Committee
- 2022 – Present Application Review, General Surgery Residency
Cleveland Clinic Foundation, Cleveland, OH
- 2022 – Present Volunteer Instructor, Surgical Clerkship Skills
- 2022 – Present Volunteer Instructor, Gross Anatomy
Cleveland Clinic Lerner College of Medicine, Cleveland, OH

ORIGINAL PUBLICATIONS

1. Yahanda AT, Marino NE, **Barron JO**, Concepcion A, Lu K, Chermiside-Scabbo C, Aladegbami B, Ross W, Clohisy J, Kirby J. Patient Engagement and Cost Savings Achieved by Automated Telemonitoring Systems Designed to Prevent and Identify Surgical Site Infections After Joint Replacement. *Telemed J E Health*. 2019 Feb;25(2):143-151. PMID: 30192209

2. Lu K, **Barron JO**, Israel H, Cannada L. Sleep Disturbances in Orthopaedic Trauma Patients. *OTA International*. 2019 Jul 9;2(4): e040. PMID: 33937668
3. Madill M, **Barron JO**, Mooser A, Nazzal M. Left Gastric-Portal Vein Anastomosis for Portal Vein Reconstruction: An Alternative Inflow for Grade IV Portal Vein Thrombosis in Orthotopic Liver Transplant. *ACS Case Reviews in Surgery*. 2021;3(4):71-75.
4. Abelson JS, Bauer PS, **Barron JO**, Bommireddy A, Chapman WC, Schad CA, Ohman KA, Silviera ML, Hunt SR, Mutch MG. Fragmented Care in the Treatment of Rectal Cancer and Time to Definitive Therapy. *Journal of the American College of Surgeons*. 2021 Jan;232(1):27-33. PMID: 33190785
5. Abelson JS, **Barron JO**, Bauer PS, Chapman WC, Schad CA, Ohman KA, Glasgow S, Hunt S, Mutch MG, Smith R, Wise P, Silviera M. Travel Time to a High-Volume Center Negatively Impacts Timing of Care in Rectal Cancer. *Journal of Surgical Research*. 2021 May;266:96-103. PMID: 33989893
6. **Barron JO**, Orabi D, Moro A, Quintini C, Berber E, Aucejo FN, Sasaki K, Choon-Hyuck Kwon D. Validation of the IWATE Criteria as a Laparoscopic Liver Resection Difficulty Score in a Single North American Cohort. *Surgical Endoscopy*. 2022 May;36(5):3601-09. PMID: 34031739
7. Mubashir M, **Barron JO**, Mubashir H, DeMare A, Raja S, Murthy S, Schraufnagel DP. Thoracoabdominal Approach for Traumatic Diaphragmatic Hernia Repair in a Hemodynamically Unstable Patient. *European Surgery*. 2022 Oct;54(6):331-334. PMID: 36320830
8. Patel V, Sanaka MR, Qin Y, McMichael J, Bena J, Beveridge C, **Barron J**, Raja S, Esfeh J, Thota PN. Neoplastic Progression of Barrett's Esophagus Among Organ Transplant Recipients: A Retrospective Cohort study. *Journal of Gastrointestinal Surgery*. 2023 Sep;27(9):1785-1793. PMID: 37268829.
9. **Barron JO**, Moon S, Tasnim S, Toth A, Sudarshan M, Baker M, Murthy SC, Blackstone EH, Raja S. Quantifying the Subjective: Length-to-Height Ratio Characterizes Achalasia Esophageal Tortuosity. *Surgical Endoscopy*. 2023 Nov;37(11):8728-8734. PMID: 37563341.
10. **Barron JO**, Tasnim S, Toth AJ, Sudarshan M, Sanaka M, Ramji S, Adhikari S, Murthy SC, Blackstone EH, Raja S. The Value of Fundoplication in the Treatment of Type I Achalasia. *The Annals of Thoracic Surgery*. 2024 Mar;117(3):594-601. PMID: 37479126.
11. Sudarshan M, Tasnim S, Ramji S, Rappaport J, **Barron JO**, Bribriesco A, Schraufnagel D, Lapin B, Li Y, Raymond DP, Blackstone EH, Murthy S, Raja S. Development and Validation of a Universal Esophageal Patient-Reported Outcome Measure: the Cleveland

Clinic Esophageal Questionnaire (CEQ). *The Journal of Thoracic and Cardiovascular Surgery*. 2023 Aug 23. PMID: 37625617. [Epub, ahead of print]

12. **Barron JO**, Ramji S, NeMoyer R, Tappuni S, Toth A, Tasnim S, Sudarshan M, Murthy SC, Blackstone EH, Raja S. Paraconduit Hernia Following Esophagectomy: Is it Safe to Watch-and-Wait? *The Journal of Thoracic and Cardiovascular Surgery*. 2023 Sep 9. PMID: 37673124. [Epub, ahead of print]
13. Tasnim S, Raja S, Mukhopadhyay S, Blackstone EH, Toth A, **Barron JO**, Raymond DP, Bribriesco A, Schraufnagel D, Murthy S, Sudarshan M. Preoperative Characteristics to Predict Spread Through Air Spaces (STAS). 2023. *The Journal of Thoracic and Cardiovascular Surgery*. 2023 Nov 23. PMID: 38006997. [Epub, ahead of print]
14. **Barron JO**, Jain N, Mubashir M, Elgharably H, Raymond DP, Schraufnagel DS. Novel Repair of a Clamshell Thoracotomy Sternal Dehiscence After Lung Transplant: A Case Report. *The Journal of Chest Surgery*. 2024 Jan 15. PMID: 38221730. [Epub, ahead of print]
15. **Barron JO**, Blackstone EH, Rice TW, Lowry AM, Tasnim S, Toth A, Murthy SC, Raja S. Thoracoabdominal Esophagectomy: Then and Now. *The Annals of Thoracic Surgery*. 2024 Jan 28. PMID: 38290595. [Epub, ahead of print]
16. Tasnim S, Raja S, Blackstone EH, Toth AJ, **Barron JO**, Raymond DP, Bribriesco AC, Schraufnagel DP, Murthy SC, Sudarshan M. Clinical T2N0M0 Esophageal Cancer – Identifying Predictive Factors of Upstaging. *The Annals of Thoracic Surgery*. 2024 Jan 31. PMID: 38307482. [Epub, ahead of print]
17. **Barron JO**, Radhakrishnan K, Coppa C, Goldman D, Hupertz V, Leonis M, Eghtesad B, Hashimoto K. Ten-Year Follow-Up of Cavoportal Hemitransposition in Pediatric Liver Transplantation for Complete Portomesenteric Venous Thrombosis: A Case Report and Literature Review. *Pediatric Transplantation*. 2024 Mar; 28(2)e14738. PMID: 38436520. [Epub, ahead of print]
18. **Barron JO**, Jain N, Toth AJ, Moon S, Blackstone EH, Tasnim S, Sanaka M, Sudarshan M, Baker ME, Murthy SC, Raja S. Increased Length-to-Height Ratio Predicts Inferior Symptom Relief and Esophageal Emptying Following Myotomy. *Submitted, under review*.

BOOK CHAPTERS

1. Chen L, **Barron JO**. Lung Transplantation. In *Primer of Cardiothoracic Surgery*. Thoracic Surgery Residents Association. 2022. [Accepted, ahead of print]
2. **Barron JO**, Raymond DP, Surgical Management of Pulmonary Aspergillosis. In: Soubani AO, editor. *Pulmonary Aspergillosis*. 2024 [Accepted, ahead of print]

BRIEF COMMUNICATIONS

1. **Barron JO**, Raja S, Gildea T, Murthy SC. Robotically-Assisted Tracheobronchoplasty: A Case Study. *Cleveland Clinic ConsultQD*. 2023 Jun 22.
2. **Barron JO**, Raja S. Endoscopic Fundoplication for Type I Achalasia? The Jury is Still Out. *The Annals of Thoracic Surgery*. 2024 Mar;117(3):666-667. PMID: 37804909.
3. **Barron JO**, Raja S. Lymphadenectomy for Esophageal Cancer: Highlighting Differences in Global Perspectives. *The Annals of Thoracic Surgery*. 2024. [Accepted, ahead of print]

PUBLISHED MULTIMEDIA

1. **Barron JO**, Raja S, Murthy S. Robotic-Assisted Resection of a Middle Mediastinal Ectopic Parathyroid Adenoma. *CTSNet*. 2023 Nov 20.
DOI: 10.25373/ctsnet.24592494
2. **Barron JO**, Raja S, Gildea T, Murthy S. Robotic-Assisted Tracheobronchoplasty for Tracheobronchomalacia. *CTSNet*. 2024 March 25.
DOI: 10.25373/ctsnet.25472248

SELECTED CONFERENCE PRESENTATIONS

1. **Barron JO** (presenter), Lu K, Jacobsen K, Israel H, Cannada L. Sleep Disturbances in Orthopaedic Trauma Patients. Oral Podium Presentation at the American College of Surgeons Clinical Congress, San Diego, CA, Oct. 24, 2017.
2. **Barron JO** (presenter), Tasnim S, Toth AJ, Sudarshan M, Sanaka M, Ramjii S, Adhikari S, Murthy SC, Blackstone EH, Raja S. To Wrap or Not to Wrap? The Value of Fundoplication in the Treatment of Type I Achalasia. Podium presentation at the Society of Thoracic Surgeons 59th Annual Meeting, San Diego, CA, January 23, 2023
3. **Barron JO** (presenter), Joyce D. Pseudomyxoma peritonei originating from a low-grade mucinous adenocarcinoma of the urachus. Case presentation at Cleveland Surgical Society, Cleveland, OH, February 7, 2023.
4. **Barron JO** (presenter), Raja S, Murthy S. Robotic-assisted Resection of a Middle Mediastinal Ectopic Parathyroid Adenoma. Video presentation at the General Thoracic Surgical Club 35th Annual Meeting, Duck Key, FL, March 10, 2023.
5. **Barron JO** (presenter), Ramji S, NeMoyer R, Tappuni S, Toth A, Tasnim S, Sudarshan M, Murthy SC, Blackstone EH, Raja S. Paraconduit Hernias Following Esophagectomy: Hype or Hazard? Podium presentation at the American Association for Thoracic Surgery 103rd Annual Meeting, Los Angeles, CA, May 7, 2023.

6. **Barron JO** (presenter), Ramji S, NeMoyer R, Tappuni S, Toth A, Tasnim S, Sudarshan M, Murthy SC, Blackstone EH, Raja S. Paraconduit Hernias Following Esophagectomy: Hype or Hazard? Podium presentation at Thoracic and Cardiovascular Surgery Research Day, Cleveland Clinic, Cleveland, OH, June 7, 2023.
7. **Barron JO** (presenter), Raja S, Gildea T, Murthy SC. Robot-Assisted Tracheobronchoplasty. Video presentation at the American College of Surgeons Clinical Congress, Boston, MA, October 23, 2023.
8. **Barron JO** (presenter), Moon S, Tasnim S, Jain N, Sudarshan M, Blackstone EH, Murthy SC, and Raja S. Esophageal Morphology in Achalasia: Does it Really Matter? Podium presentation at the Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) Annual Meeting, Cleveland, OH, April 19, 2024.
9. **Barron JO** (presenter), Toth A, Tasnim S, Sudarshan, Murthy SC, Blackstone EH, Raja S. Heller Myotomy for Achalasia: Long-Term Outcomes in 1000 Patients. Podium presentation at the American Association for Thoracic Surgery 104th Annual Meeting, Toronto, Canada, April 28, 2024.

POSTER PRESENTATIONS

1. **Barron JO** (presenter), Lu K, Israel H, Cannada L. Sleep Disturbances in Orthopaedic Trauma Patients. Poster Presentation at the Alpha Omega Alpha Student Research Forum, St. Louis, MO, January 17, 2018.
2. **Barron JO** (presenter), Marino N, Montenegro G. The Effect of a 30-day Automated Text-Messaging Intervention on Hospital-Based Acute Care Encounters Following Ileostomy: A Preliminary Report. Poster Presentation at American Physician Scientists Association Midwest Regional Meeting, St. Louis, MO, October 20, 2018.
3. **Barron JO** (presenter), Zhang J, Arvesen J, Israel L, Kim C, Kaar S. The Effect of Resilience on Return to Sport Following Anterior Cruciate Ligament Reconstruction. Poster Presentation at Alpha Omega Alpha Medical Student Research Forum, St. Louis, MO, January 16th, 2019.
4. **Barron JO** (presenter), Marino N, Montenegro G. The Effect of a 30-day Automated Text-Messaging Intervention on Hospital-Based Acute Care Encounters Following Ileostomy: A Preliminary Report. Poster Presentation at Alpha Omega Alpha Medical Student Research Forum, St. Louis, MO, January 16, 2019.
5. NeMoyer R, **Barron JO** (presenter), Ramji S, Toth A, Blackstone EH, Murthy S, Raja S. Hybrid Right Video-Assisted Thoracoscopic McKeown Esophagectomy vs. Open Esophagectomy – A Comparative Study on Post-Operative Pain. Poster presentation at the General Thoracic Surgical Club 35th Annual Meeting, Duck Key, FL, March 9-12th, 2023

6. **Barron JO** (presenter), Tasnim S, Toth A, Ramji S, Sudarshan M, Blackstone EH, Murthy S, Raja S. Perception May Not be Reality: A Comparative Analysis of Heller Myotomy for Achalasia in Patients Who Are Treatment Naïve vs Those with Prior Endoscopic Interventions. Poster presentation at the General Thoracic Surgical Club 35th Annual Meeting, Duck Key, FL, March 9-12th, 2023
7. **Barron JO** (presenter), Raja S, and Murthy SC. Robotic-Assisted Tracheal Resection. Video poster presentation at the General Thoracic Surgical Club 36th Annual Meeting, Palm Springs, CA. March 14-17th, 2024.
8. **Barron, JO** (presenter), Murthy SC, Raja S, and Schraufnagel D. Robotic-Assisted Collis Gastroplasty. Video poster presentation at the Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) Annual Meeting, Cleveland, OH, April 17-20, 2024.

REFERENCES

Available upon request