



Matt Wingo

Clinical Instructor, Cardiothoracic Surgery

 Curriculum Vitae available Online

CLINICAL OFFICE (PRIMARY)

- **Thoracic Surgery**

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Bio

BIO

Fellowship, Stanford University Medical Center, Cardiothoracic Surgery

Post-Doc Research Fellow Weill Cornell Department of Regenerative Medicine (2020)

Post-Doc Research Fellow Weill Cornell Department of Cardiothoracic Surgery (2019)

Residency, NYP-Cornell General Surgery Residency (2022)

MD, Columbia College of Physicians and Surgeons (2015)

CLINICAL FOCUS

- Cardiothoracic Surgery
- Heart and Lung Transplant/MCS
- Vascular Biology
- Heart Disease, Valvular

ACADEMIC APPOINTMENTS

- Clinical Instructor, Cardiothoracic Surgery

HONORS AND AWARDS

- Society of Thoracic Surgery Looking to the Future Resident Scholarship, Society of Thoracic Surgeons (2019)
- The Daniel Noyes Brown Primary Care Scholar Award, Columbia P&S (2012)
- Gold Humanism Honor Society, Columbia P&S (Class of 2015)
- Dr. Karl Perzin Excellence in Pathology Award,, Columbia P&S (2013)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Admin Chief Resident for Education, Weill Cornell General Surgery (2021 - 2022)

PROFESSIONAL EDUCATION

- Fellowship: Stanford University Dept of Cardiothoracic Surgery (2024) CA
- Board Certification: General Surgery, American Board of Surgery (2022)
- Residency: New York Presbyterian Cornell Campus General Surgery Residency (2022) NY
- Medical Education: Columbia University College of Physicians and Surgeons (2015) NY

Publications

PUBLICATIONS

- **ABC2-Expressing Clonal Repopulating Endothelial Cells Serve to Form and Maintain Blood Vessels.** *Circulation*
Lin, Y., Gil, C., Banno, K., Yokoyama, M., Wingo, M., Go, E., Prasain, N., Liu, Y., Hato, T., Naito, H., Wakabayashi, T., Sominskaia, M., Gao, et al
2024
- **VENTILATOR WAVEFORM ANALYSIS: THE SQUARE ROOT SIGN IN A PATIENT WITH A TRACHEAL-PLEURAL FISTULA**
Rozenbaum, D., Wingo, M., Patel, P., Nassar, A., Bedi, H., Lui, N.
LIPPINCOTT WILLIAMS & WILKINS.2024
- **Cooperative ETS Transcription Factors Enforce Adult Endothelial Cell Fate and Cardiovascular Homeostasis.** *Nature cardiovascular research*
Gomez-Salinerio, J. M., Itkin, T., Houghton, S., Badwe, C., Lin, Y., Kalna, V., Dufton, N., Peghaire, C. R., Yokoyama, M., Wingo, M., Lu, T. M., Li, G., Xiang, et al
2022; 1: 882-899
- **Endothelial reprogramming for vascular regeneration: Past milestones and future directions.** *Seminars in cell & developmental biology*
Wingo, M., Rafii, S.
2022; 122: 50-55
- **Valve-sparing root replacement in patients with bicuspid aortopathy: An analysis of cusp repair strategy and valve durability.** *The Journal of thoracic and cardiovascular surgery*
Lau, C., Wingo, M., Rahouma, M., Ivascu, N., Iannacone, E., Kamel, M., Gaudino, M. F., Girardi, L. N.
2021; 161 (2): 469-478
- **Cardiac transplantation for cancer involving the heart.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*
Wingo, M., de Biasi, A. R., Shudo, Y., Bharathi, V., Blackburn, A., Gaudino, M., Girardi, L. N., Woo, Y. J.
2020
- **Cerebral protection strategies in aortic arch surgery: A network meta-analysis.** *The Journal of thoracic and cardiovascular surgery*
Hameed, I., Rahouma, M., Khan, F. M., Wingo, M., Demetres, M., Tam, D. Y., Lau, C., Iannacone, E. M., Di Franco, A., Palaniappan, A., Anderson, H., Fremes, S. E., Girardi, et al
2020; 159 (1): 18-31
- **Operator Volume to Outcome Relationship in Mitral and Aortic Valve Replacement.** *Journal of the American College of Cardiology*
Salemi, A., Gaudino, M., Bakaeen, F., Mao, J., Hameed, I., Khan, F. M., Rong, L. Q., Wingo, M., Girardi, L. N., Sedrakyan, A.
2019; 74 (22): 2821-2822
- **Technical Aspects of the Use of the Radial Artery in Coronary Artery Bypass Surgery.** *The Annals of thoracic surgery*
Gaudino, M., Fremes, S., Schwann, T. A., Tatoulis, J., Wingo, M., Tranbaugh, R. F.
2019; 108 (2): 613-622
- **The Evidence on the Ten Most Common Surgical Interventions in the United States From 1970 to 2018.** *Annals of surgery*
Henry, M., Rong, L. Q., Wingo, M., Rahouma, M., Girardi, L. N., Gaudino, M.
2019; 270 (2): e16-e17
- **Pulmonary artery aneurysms: Preoperative, intraoperative, and postoperative findings.** *Journal of cardiac surgery*
Worku, B. M., de Angelis, P., Wingo, M. E., Leonard, J. R., Khan, F. M., Hameed, I., Ruan, Y., Gaudino, M. F., Girardi, L. N.
2019; 34 (7): 570-576

- **Sinus of Valsalva aneurysm repairs: Operative technique and lessons learned.** *Journal of cardiac surgery*
Wingo, M., de Angelis, P., Worku, B. M., Leonard, J. R., Khan, F. M., Hameed, I., Lau, C., Gaudino, M., Girardi, L. N.
2019; 34 (6): 400-403
- **Quality metrics in coronary artery bypass grafting.** *International journal of surgery (London, England)*
Khan, F. M., Hameed, I., Milojevic, M., Wingo, M., Krieger, K., Girardi, L. N., Prager, R. L., Gaudino, M.
2019; 65: 7-12
- **AngioVac for extraction of venous thromboses and endocardial vegetations: A meta-analysis.** *Journal of cardiac surgery*
Hameed, I., Lau, C., Khan, F. M., Wingo, M., Rahouma, M., Leonard, J. R., Di Franco, A., Worku, B. M., Salemi, A., Girardi, L. N., Gaudino, M.
2019; 34 (4): 170-180
- **CORONARY ARTERY BYPASS GRAFTING USING RADIAL ARTERY OR SAPHENOUS VEIN VERSUS PERCUTANEOUS CORONARY INTERVENTION**
Benedetto, U., Gaudino, M., Cavalcante, R., Mancone, M., Ahn, J., Wingo, M., Hameed, I., Kappetein, A., Mohr, F. W., Park, S., Serruys, P. W., Taggart, D.
ELSEVIER SCIENCE INC.2019: 40
- **Systematic preoperative CT scan is associated with reduced risk of stroke in minimally invasive mitral valve surgery: A meta-analysis.** *International journal of cardiology*
Leonard, J. R., Henry, M., Rahouma, M., Khan, F. M., Wingo, M., Hameed, I., Di Franco, A., Guy, T. S., Girardi, L. N., Gaudino, M.
2019; 278: 300-306
- **RADIAL meta-analysis: following the rules usually pays off.** *Journal of thoracic disease*
Wingo, M., Gaudino, M. F.
2018; 10 (11): E785-E786
- **Septuagenarians and Older Patients are at a Higher Risk of Mortality with Adrenal Metastasectomy: An Analysis of the HCUP-NIS Database From 1992 to 2011.** *World journal of surgery*
McManus, C., Wingo, M., Chabot, J. A., Lee, J. A., Kuo, J. H.
2016; 40 (10): 2391-7
- **Diagnostic utility of data from adrenal venous sampling for primary aldosteronism despite failed cannulation of the right adrenal vein.** *Surgery*
Pasternak, J. D., Epelboym, I., Seiser, N., Wingo, M., Herman, M., Cowan, V., Gosnell, J. E., Shen, W. T., Kerlan, R. K., Lee, J. A., Duh, Q. Y., Suh, I.
2016; 159 (1): 267-73