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# Dou Huang

Medical Training	Advanced Heart Failure and Transplant Fellowship Montefiore Medical Center	7/2024 - present
	Cardiology Fellowship Montefiore Medical Center	7/2021 – 6/2024
	Internal Medicine Residency Tufts Medical Center	6/2018 – 6/2021
Medical Education	Weill Cornell Medical College in Qatar M.D.	08/2014 - 04/2018 04/2018
Education	Undergraduate - National University of Singapore Major in Life Science (with Honors), Second major in Statistics B.S.	08/2008 - 05/2012  05/2012
Publications	<p>Lorenzatti D, Piña P, Huang D, Apple SJ, Fernandez-Hazim C, Ippolito P, Abdullah A, Rodriguez-Guerra M, Skendelas JP, Scotti A, Kuno T, Latib A, Schenone AL, Nasir K, Blankstein R, Blaha MJ, Berman DS, Dey D, Virani SS, Garcia MJ, Slipczuk L. Interaction between risk factors, coronary calcium, and CCTA plaque characteristics in patients aged 18-45 years. Eur Heart J Cardiovasc Imaging. 2024 Jul 31;25(8):1071-1082.</p> <p>Filtz A, Lorenzatti D, Scotti A, Piña P, Fernandez-Hazim C, Huang D, Ippolito P, Skendelas JP, Kuno T, Rodriguez CJ, Schenone AL, Latib A, Lavie CJ, Shaw LJ, Blankstein R, Shapiro MD, Garcia MJ, Berman DS, Dey D, Virani SS, Slipczuk L. Relationship between epicardial adipose tissue and coronary atherosclerosis by CCTA in young adults (18-45). Am J Prev Cardiol. 2024 Jul 20;19:100711.</p> <p>Huang D, Lacombe P, Gulati G, Couper GS, Kawabori M, Upshaw JN, Vest A, DeNofrio D, Kiernan MS. Association of diuretic requirement and right heart failure post-LVAD implantation. JHLT Open. 2024 May</p> <p>Piña P, Lorenzatti D, Castagna F, Miles J, Kuno T, Scotti A, Arce J, Feinberg A, Huang D, Gilman J, Leiderman E, Daich J, Ippolito P, Gongora CA, Schenone AL, Zhang L, Rodriguez CJ, Blaha MJ, Dey D, Berman DS, Virani SS, Levsky JM, Garcia MJ, Slipczuk L. Association of cardiometabolic and vascular atherosclerosis phenotypes on non-contrast chest CT with incident heart failure in patients with severe hypercholesterolemia. J Clin Lipidol. 2024 Feb 7:S1933-2874(24)00020-5</p> <p>Huang D, Patel SR. Hemodynamic Assessment of Donor Hearts: TMI? J Card Fail. 2023 Sep;29(9):1296-1297</p>	

Annamalai SK, Koethe BC, Simsolo E, Huang D, Connors A, Resor CD, Weintraub AR, Pandian NG, Downey BC, Patel AR, Wessler BS. Left ventricular stroke volume index following transcatheter aortic valve replacement is an early predictor of 1-year survival. Clin Cardiol. 2023 Jan;46(1):76-83.

Sridharan A, Maron MS, Carrick RT, Madias CA, Huang D, Cooper C, Drummond J, Maron BJ, Rowin EJ. Impact of comorbidities on atrial fibrillation and sudden cardiac death in hypertrophic cardiomyopathy. J Cardiovasc Electrophysiol. 2022 Jan;33(1):20-29.

Carrick RT, Maron MS, Adler A, Wessler B, Hoss S, Chan RH, Sridharan A, Huang D, Cooper C, Drummond J, Rakowski H, Maron BJ, Rowin EJ. Development and Validation of a Clinical Predictive Model for Identifying Hypertrophic Cardiomyopathy Patients at Risk for Atrial Fibrillation: The HCM-AF Score. Circ Arrhythm Electrophysiol. 2021 Jun;14(6):e009796.

Hosadurg N, Koethe B, Huang D, Weintraub AR, Patel AR, Wessler BS. Paradoxical Low-Flow Low-Gradient Aortic Stenosis: Effect of Low Transvalvular Flow Conditions on Indexed Stroke Volume after Transcatheter Aortic Valve Replacement. J Am Soc Echocardiogr. 2020 Dec;33(12):1528-1531.

Sridharan A, Maron MS, Huang D, Cooper C, Drummond J, Maron BJ, Rowin EJ. Obesity is Associated With Progressive Heart Failure in Hypertrophic Cardiomyopathy. November 2020 Circulation. 2020 Nov. Volume 142 (Suppl\_3).

Huang D, Wessler BS. Echocardiogram Assessment of Left Ventricular Mass for Hemodialysis Patients. Kidney Med. 2020 Sep 1;2(5):523-525.

Huang D, Refaat M, Mohammedi K, Jayyousi A, Al Suwaidi J, Abi Khalil C. Macrovascular Complications in Patients with Diabetes and Prediabetes. Biomed Res Int. 2017;2017:7839101.

Ma, D., Wei, H., Lu, J., Huang, D., Liu, Z., Loh, L.J., Islam, O., Liew, R., Shim, W., Cook S.A.. Characterization of a novel KCNQ1 mutation for type 1 long QT syndrome and assessment of the therapeutic potential of a novel IKs activator using patient-specific induced pluripotent stem cell-derived cardiomyocytes.. Stem Cell Research & Therapy. 2015, Mar; 6(6): 39.

**Poster  
Presentation**

Huang, D, Rochlani, Y, Díez-López, C, Patel, C, Madan, S, Gjelaj, C, Saeed, O, Shin J, Sims, D, Borgi, J, Forest, S, Goldstein, D, Jorde, U, Vukelic, S. (April 2024). *Antithymocyte globulin as an adjunctive therapy for antibody-mediated rejection in heart transplant recipients more consistently decreased donor-specific HLA antibodies and histopathologic grading than PP/IVIG alone*. Poster presented at the ISHLT 2024 Annual Meeting & Scientific Sessions

04/2024

Huang, D, Lacombe, P, Gulati, G, Couper, G, Kawabori, M, Upshaw, J, Vest, A, DeNofrio D, Kiernan MS. (April, 2021). *Preoperative diuretic resistance and risk of right heart failure*

04/2021

*(RHF) post-LVAD implantation.* Poster presented at the ISHLT 2021 Annual Meeting & Scientific Sessions

Wessler, B.S., Huang D. & Long G. (March, 2020). 03/2020

*Identification of severe aortic stenosis using deep learning.*  
Poster presented at: ACC's Scientific Session Together with World Congress of Cardiology (ACC. 20/WCC); Chicago, IL, USA.

11/2019

Huang, D., Snyderman, L.K. (November, 2019). *The fever with an origin "Not Known"* Poster presented at 2019 New England Region Society of General Internal Medicine (SGIM) Meeting;

Huang, D., Snyderman, L.K.. (November, 2019). *Not your run-of-the-mill MRSA pneumonia.* Poster presented at 2019 New England Region Society of General Internal Medicine (SGIM) Meeting; 11/2019

Huang, D., Ebben, M.R., Okin, P.M., Krieger, A.C. (February, 2016). *ECG variable abnormalities are associated with adverse cardiovascular events in obstructive sleep apnea.* Poster presented at: Weill Cornell Medical College in Qatar Annual Research Retreat; 02/2016

Huang, D., Lu, J., Ma, D., Wei, H., Cook S.A., & Liew, R. (September, 2013). *Long-QT syndrome with patient-specific induced pluripotent stem cell-derived cardiomyocytes* Poster presented at: Duke-NUS Early Career Scientists Association Symposium; 09/2013

Huang, D., Xie, L., Bian, J.. (May, 2012). *Hydrogen Sulfide Reverses Rotenone-Induced Autophagy Malfunction by Stabilizing Microtubule – Implications for Treatment of Parkinson's Disease* Poster presented at: National University of Singapore Final Year Project; 05/2012

## Awards

Outstanding Achievement in the Teaching of Medical Students (2024), Albert Einstein College of Medicine

HBKU Scholarship (2015, 2016, 2017), Hamad Bin Khalifa University merit-based scholarship, awarded to top 10 students with highest GPA at Weill Cornell Medical College in Qatar

Medical Student Research Award (2015), awarded by Weill Cornell Medical College in Qatar to support students conducting research between first and second year of medical education