



# RAYMOND PAUL LORENZONI III, MD

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## Education

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College of Liberal Arts & Sciences University of Connecticut, Storrs, CT BA in Chemistry, BS in Molecular & Cell Biology	Aug 2003-May 2007
School of Medicine University of Connecticut, Farmington, CT MD	Aug 2010-May 2014

## Post-Graduate Training

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Children's Hospital at Montefiore Albert Einstein College of Medicine Bronx, NY	Intern and Resident, Pediatrics July 2014-June 2017
Children's Hospital at Montefiore Albert Einstein College of Medicine Bronx, NY	Fellow, Pediatric Cardiology July 2018-June 2021
Hassenfeld Children's Hospital New York University Langone Medical Center New York, NY	Rotating Fellow, Pediatric Cardiac ICU December 2019-February 2020
Children's Hospital Los Angeles USC Keck School of Medicine Los Angeles, CA	Adv. Imaging Fellow, Pediatric Cardiology July 2021-June 2022

## Academic and Hospital Appointments

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Connecticut Children's Health Center University of Connecticut School of Medicine Hartford, CT	Attending Physician, Pediatric Cardiology Clinical Assistant Professor, Pediatrics October 2022-present
College of Physicians and Surgeons Columbia University, Irving Medical Center New York, NY	Instructor, Assistant Attending Physician Pediatrics, Cardiac Critical Care Medicine July 2017-June 2018

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Children's Hospital at Montefiore  
Albert Einstein College of Medicine  
Bronx, NY

Instructor, Temporary Attending Physician  
Pediatrics  
March 2020-June 2020 (COVID-19)

## Professional Organizations and Advocacy

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Society of Pediatric Echocardiography, Education Committee member	2021-present
Connecticut State Medical Society Alternate Delegate to the AMA HOD	
Alternate Delegate to the AMA HOD	2023-present
Chair, CSMS Young Physician Section	2023-present
Chair, CSMS Medical Student Chapters	2013-2014
American Medical Association	
Governing Council of the Resident & Fellow Section (Delegate, Alt Delegate)	2020-2022
House of Delegates elected representative (CT, RFS, NY, AAP)	2020-present
Resident & Fellow Section member, Ref. Com. B leader (2019-2020)	2014-2022
Reference Committees C (medical education) and B (legislation) member	2013, 2018
Medical Student Section member, Region VII HOD Del. co-chair (2014)	2010-2014
American Academy of Pediatrics, Section on Cardiology and Cardiac Surgery	2018-present
American College of Cardiology, Fellow in Training	2018-present
American Society of Echocardiography, Society for Cardiovascular MR, member	2020-present
Medical Society of the State of New York	
Executive Council (Resident/Fellow member)	2020-2021
Heart, Lung, & Cancer policy standing committee member	2018-2021
Bronx County Medical Society fellow comitia board member	2017-2021

## Awards and Honors

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Inaugural Young Physician Advocacy Award	2023
Connecticut State Medical Society	
Outstanding House Officer Award	2021
Montefiore Medical Center, Albert Einstein College of Medicine	
“Best Abstract” 2020 Steinfeld Pediatric Cardiology Research Symposium	2020
Pediatric Cardiology Society of Greater New York	
The Medical Student Leadership Award	2014
University of Connecticut Health Center, School of Medicine	
Gold Humanism Honor Society inductee	2013
University Scholar Program & Scholarship, University of Connecticut	2006

## Departmental and University Committees

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Montefiore Medical Center	
Montefiore Moses Division Executive Council resident/fellow member	2019-2021
Children's Hospital at Montefiore, Albert Einstein College of Medicine	
Leadership, Engagement & Diversity in Education & Residency (LEADER)	2014-2017
University of Connecticut Health Center, School of Medicine	
Medical Student Honor Code Board member, Chair (2006-2007)	2004-2007
Student Loan Forgiveness Committee student member	2005-2007
Pediatric Committee on Undergraduate Medical Education student member	2006-2007

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## Other Professional Experience

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School of Medicine, University of Connecticut Health Center, Farmington, CT	
AHA-certified BLS Instructor	2010-2014
Student IT & A/V Educational Support	2010-2012
BSNIP NIH Consortium, Olin Research Center, Hartford Hospital, Hartford, CT	
Clinical Researcher and Site Manager	2007-2010

## Grant Support

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Institutional Grant (Lorenzoni/Wong) 8/1/2021-7/1/2023, \$50,000	
Children's Hospital Los Angeles	
Window into the Heart: Improving Multidisciplinary Communication using Fusion 4D Cardiac Imaging Models During Surgical Planning in Congenital and Structural Heart Disease	
Institutional Grant (Lorenzoni/Clark) 6/1/2019-5/31/2021, \$7000	
Albert Einstein Research Grant for Excellence in Medical Education	
Window into the Heart: Virtual Reality as a Medium for Education in Normal & Congenital Heart Disease Anatomy	
University Grant (Lorenzoni/Bailey) 6/1/2005-5/31/2007, \$3000	
University of Connecticut Honors Program, University Scholar Program & Scholarship	
Investigating the use of a water-soluble "green" reaction sequence to produce a multifunctional non-metal organic oxoammonium salt catalyst.	
Private Grant (Lorenzoni/Bailey) 6/1/2005-8/31/2005	
Pfizer/CBIA Undergraduate Student Research Fellowship \$1000	
Feasibility of preparation of stellane derivatives by an anionic triple cyclization reaction using a carefully chosen lithium ion organometallic compound.	

## Teaching Experience

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Children's Hospital Los Angeles, USC School of Medicine, Los Angeles, CA	
Instructor, Cardiology fellow echocardiography lecture series (monthly)	2021-2022
Lecturer, Keck School of Medicine CHD curriculum small group lecture	2021-2022
Children's Hospital at Montefiore, Albert Einstein College of Medicine, Bronx, NY	
Instructor, College of Medicine 2 <sup>nd</sup> year Problem-Based Learning course (weekly)	2020-2021
Instructor, Pediatric Residency Board Review, Cardiology content area (monthly)	2020-2021
Course Director, Window into the Heart VR cardiology curriculum (weekly)	2019-2021
Cardiology Fellowship lecture series, journal clubs, Grand Rounds (monthly)	2018-2021
Instructor, Virtual Pediatric Clerkship, CHD virtual flipped classroom	May 2020
Residency Education over Service committee member	2013-2014
Department of Pediatrics, Jacobi Medical Center, Bronx, NY	
Visiting lecturer for pediatric cardiology resident education (three sessions)	2020
School of Medicine, University of Connecticut Health Center, Farmington, CT	
Student Course Director, Advanced Clinical Problem-Solving (weekly)	2013
ConnectiKids after-school mentorship program, United Way, Volunteer	2009-2010

# RAYMOND PAUL LORENZONI III, MD

## Publications

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### Original, peer-reviewed articles

1. Lorenzoni RP, Elkins N, Quezada M, Silver EJ, Mahgerefteh J, Hsu DT, Choueiter NF. Impact of Z Score System on Management of Coronary Artery Lesions in Kawasaki Disease. *Cardiology in the Young*. 2021 Sep 8;1-8. PMID: [34494945](#).
2. de Loizaga SR, Arthur L, Arya B, et al. Rheumatic Heart Disease in the United States: Forgotten but Not Gone. *J Am Heart Assoc*. 2021;10(16):e020992. PMID: [34348475](#).
3. Farooqi KM, Nees S, Smerling J, Lorenzoni RP, Pavlicova M, Einstein A, Bacha EA, Kalfa D, Chai PJ. Representation of anomalous coronary artery characteristics: Echocardiography, CT, and 3D models. *Annals of Thoracic Surgery*. 2020;111(2):672-681. PMID: [32454021](#).
4. AMA-RFS Task Force on Resident/Fellow Physician Satisfaction, Stan VA, Correa R, Deslauriers JR, Faynboym S, Shah T, Widge AS. Support, technology and mental health: correlates of trainee workplace satisfaction. *Perspectives on Medical Education*. 2020;9:31-40. PMID: [31953654](#).
5. Lorenzoni RP, Choi J, Choueiter NF, Munjal IM, Katyal C, Stern KWD. Predictors of Inadequate Initial Echocardiography in Suspected Kawasaki Disease: Criteria for Sedation. *Congenital Heart Disease*. 2018;13(3):470-5. PMID: [29520958](#).
6. Toro-Salazar OH, Ferranti J, Lorenzoni RP, Walling S, Mazur W, Raman SV, Davey BT, Gillan E, O'Loughlin M, Klas B, Hor KN. Feasibility of Echocardiographic Techniques to Detect Subclinical Cancer Therapeutics-Related Dysfunction among High Dose Patients Compared to Cardiac MRI. *JASE*. 2016;29(2):119-31. PMID: [26678319](#).
7. Meda SA, Gill A, Stevens MC, Lorenzoni RP, Glahn DC, Calhoun VD, Sweeney JA, Tamminga CA, Keshavan MS, Thaker G, Pearlson GD. Differences in resting-state fMRI functional network connectivity between schizophrenia & psychotic bipolar probands and unaffected first-degree relatives. *Biol Psychiatry*. 2012;71(10):881-9. PMID: [22401986](#).

### Other Peer-Reviewed Publications

1. Lorenzoni RP. Accounting for SES in Clinical Research. AMA Policy. 19 Jun 2013.
2. Lorenzoni RP. Preparation of Stellane Derivatives via Triple Anionic Cyclization. Honors Thesis. Honors Program, University Scholar Program, University of Connecticut. 2007.

### Presentations at National and Regional Meetings

1. Lorenzoni RP, McClary K, Francis JP, Detterich J, Wong P. Session: A Model for Cardiac Fusion Imaging Software Development for Congenital and Structural Heart Disease. SCMR 2023 Scientific Sessions. San Diego, CA. 2023.
2. Lorenzoni RP, Wong PW. Session: Multimodality and Fusion Imaging in the Evaluation of Complex Congenital Heart Disease. CHOP Cardiology 2022. Huntington Beach, CA. 2022.
3. Lorenzoni RP, Mahgerefteh J. Pediatric Z Scores SPEED session. Society of Pediatric Echocardiography. April 2022.
4. Lorenzoni RP, Elkins N, Quezada M, Silver EJ, Mahgerefteh J, Choueiter N. "Coronary artery Z score formula variability in children with Kawasaki dis.: Pediatric Heart Network vs. other systems".  
- "Best Abstract" platform presentation, PCSGNY Steinfeld Res. Symposium. New York, NY. 2020.  
- Poster presentation for: ACC '20 & WCC Scientific Sessions. Chicago, IL. 2020.

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5. Lorenzoni RP, Rochelson E, Chao JY, Sutton N, Clark BC. “Ictal atrial fibrillation triggered by atrial tachycardia in a pediatric patient”. Poster presentation for: ACC ‘20 & World Congress of Cardiology conference. Chicago, IL. 2020.
6. Lorenzoni RP, Choueiter NF. “Fetal presentation of DORV, HLHS, and bilateral outflow tract obstruction”. Platform presentation for: Innovations in Imaging CHD conference. Mount Sinai. New York, NY. 2019.
7. Hena Z, Lorenzoni R, Medar S, Rochelson E, Cassel G, Clark B. “Poster presentation for: Pediatric QI Initiative to Increase Arrhythmia Alarm Reporting in a Critical Care Setting”. Pediatric Cardiology Society of Greater New York Leonard Steinfeld Research Symposium. Columbia University Irving Medical Center. New York, NY. 2019.
8. Lorenzoni RP, Capone CA, Lamour JM. “Transplant bridging with the Berlin Heart for PA-IVS and RV-dependent coronary circulation: The Montefiore experience with bivalirudin anticoagulation”. Platform presentation for: Children’s Cardiac Critical Care Consortium. Morgan Stanley Children’s Hospital, Columbia University Irving Medical Center. 2019.
9. Lorenzoni RP, Choueiter NF. “Severe Febrile Eruption: Atypical Kawasaki Disease or Stevens-Johnson Syndrome”. Platform presentation for: LeNeveu Meeting. Children’s Hospital at Montefiore. New York. 2018.
10. Lorenzoni RP, Choueiter NF, Munjal IM, Katyal C, Choi J, Stern KWD. “Predictors of Unplanned Early Repeat Echocardiography in Suspected Kawasaki Disease”. Poster presentation for: Pediatric Academic Societies. Baltimore, MD. 2016.

### **Ongoing Research**

1. Window into the Heart: Improving Multidisciplinary Communication using 4D Cardiac Fusion Imaging Models During Surgical Planning in Congenital and Structural Heart Disease.  
PIs: Raymond Lorenzoni, MD; Pierre Wong, MD; Jon Detterich, MD
2. Virtual Reality for Education in Congenital Heart Disease Anatomy.  
PIs: Raymond Lorenzoni, MD