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CURRICULUM VITAE

Raji Venkitachalam MBBS

Assistant Professor
Department of Pediatrics
Division of Pediatrics Critical Care

OFFICE ADDRESS:

9000 West Wisconsin Avenue

Milwaukee, WI 53226

EDUCATION:

2006 - 2011 MBBS, Cochin Medical College, India

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

2011 - 2012 Internship, Cochin Medical College, India
2014 - 2017 Residency, Pediatric, John H Stroger Jr. Hospital of Cook County, Chicago, IL
2017 - 2020 Fellowship, Pediatrics, Critical Care, Medical College of Wisconsin, 9000 W Wisconsin Ave, MS 681, 9000 W Wisconsin Ave, MS 681, Wauwatosa, WI 53226
2020 - 2022 Fellowship, Pediatrics, Cardiology, Medical College of Wisconsin, 9000 W Wisconsin Ave, MS 681, 9000 W Wisconsin Ave, MS 681, Wauwatosa, WI 53226

FACULTY APPOINTMENTS:

01/10/2022 - Present Assistant Professor, Pediatrics, Pediatric Cardiology, Medical College of Wisconsin, 9000 W Wisconsin Ave, Milwaukee, WI 53226
2022 - Present Assistant Professor, Pediatrics, Critical Care, Medical College of Wisconsin, 9000 W Wisconsin Ave, MS 681, 9000 W Wisconsin Ave, MS 681, Wauwatosa, WI 53226

SPECIALTY BOARDS AND CERTIFICATION:

Board Certified	Issue Date	Expiration
Pediatrics - Critical Care Medicine		None
Pediatrics - General		None
ECFMG		None
Travancore Medical Council Certified		None

Certificates	Issued By	Issue Date	Expiration
Advanced Trauma Life Support	AHA		None
Pediatric Advanced Life Support	AHA		None
Basic Life Support	AHA		None

AWARDS AND HONORS:

2011 Gold medal in Pediatrics , Government Medical College, Ernakulam
2014 - 2017 Residency Program delegate at the AAP SOMSRFT Annual meetings, AAP
2015 Best Intern, John H Stroger Hospital of Cook County

2015 CATCH (Community Access To Child Health) Grant , AAP
2018 Internal Funding Grant, Children's Hospital of Wisconsin
2019 Teaching Pin , Medical College of Wisconsin
2020 Critical Care, Physician-in-Training Travel Award, AAP

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

SCCM (Member)
SPR (Member)
AAP (Member)
AAP SOPT (Member)
AMA (Member)
PCICS (Member)
IHI (Member)

RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:

Active

Peer Review

Title:	PRECISE study: Multi institutional Sepsis study.
Role & Effort:	Institutional Co-I
Title:	Hyperoxia Project
PI:	Institutional PI

Prior

Peer Review

Title:	Biomarkers in sepsis
Source:	Internal Grant 2018
Role & Effort:	PI

INVITED LECTURES/WORKSHOPS/PRESENTATIONS:

International

K. Cathcpole Ph.D, M.Scanlon MD, C.Lusk Ph.D, R.Venkitachalam MD, The Importance of Hazards and Risk, IHI Annual Conference, Dec 2023, Orlando, Florida

COMMITTEE SERVICE:

Hospital

Member, Code Review Committee, Pediatrics, Children's Wisconsin

MCW TEACHING ACTIVITIES:

Medical Student Education

2018 - 2021 Case Based Discussions
Nov '23 - Hands-on session teaching 275 Milwaukee M1 medical students core clinical skills including proper use of PPE, safe handling of sharps, and fundamentals of physical ergonomics including safe lifting and reducing injuries while using technology.
January 2023:Invited speaker for a session for ~40 Medical Students about Diagnostic Errors

Resident and Fellow Education

Cardiology Fellows Core lecture series, June 2023

Nursing Student Education

2023 - Present - Developed a Lecture series for Nurses in the CICU: "CICU Chats"- Ongoing monthly

lecture series.

EXTRAMURAL TEACHING:

Resident and Fellow Education

2017 - 2020 Medical College of Wisconsin, Children's Wisconsin, Milwaukee, WI, Facilitated Simulation Sessions

2017 - 2020 Medical College of Wisconsin, Children's Wisconsin, Milwaukee, WI, Resident Lectures-Topics including mechanical ventilator management, Cardio-pulmonary hemodynamics, shock and vasoactive infusions, sedation and analgesia

2020 - 2021 Medical College of Wisconsin, Children's Wisconsin, Milwaukee, WI, Herma Heart Institute Curriculum Teaching-Cardiac Tumors, Diseases of the Pericardium and Cardiovascular Trauma, Tetralogy of Fallot, Morbidity and Mortality Conference

Sep '23 Invited Speaker/Teaching faculty at the Midwest ECMO Bootcamp for Pediatric Anesthesiology fellows

PROGRAMMATIC DEVELOPMENTS:

Clinical Programs

04/2023 - Present Continuous EEG Monitoring for Neonates after CPB; A Clinical Practice Change

COMMUNITY SERVICE ACTIVITIES:

2010 - 2011 Make A Difference – Volunteer Work During Medical School – Organization to help kids at risk and lower Socio-economic Status to obtain job skills and enable them to be self-sustained 2010-2011

2012 Medical Camps – Worked with the Medical Teams providing Medical Care to the Tribal Population in Rural Parts of India (Kuttampuzha Project) 2012

2015 CATCH Grant – Advocacy Project To Educate LGBTQ Youth in Chicago Regarding STDs (Sexually Transmitted Diseases) (2015)

H and P reader for Medical Students, Winter 2022

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. Venkitachalam R, Szabo A, Guru Murthy GS. Population-Level Outcomes of Pediatric Acute Promyelocytic Leukemia in the United States. J Pediatr. 2020 Aug;223:114-119.e5.
2. Guru Murthy GS, Venkitachalam R, Mehta P. Trends in survival outcomes of B-lineage acute lymphoblastic leukemia in elderly patients: analysis of Surveillance, Epidemiology, and End Results database. Leuk Lymphoma. 2015;56(8):2296-300.
3. Venkitachalam Raji, Guru Murthy Guru Subramanian, Naheed Zahra. Trends In Hospital Admissions For Pediatric And Adolescent Malignant Hypertension And Hypertensive Encephalopathy. Journal Of The American Society Of Hypertension Vol. 9(Issue 4): e112-e113. .
4. Guru Murthy GS, Venkitachalam R, Mehta P. Effect of radiotherapy on the survival of patients with stage I and stage II mantle cell lymphoma: analysis of the Surveillance, Epidemiology and End Results database. Clin Lymphoma Myeloma Leuk. 2014 Sep;14 Suppl:S90-5.
5. Scanlon MC, Venkitachalam R, Catchpole K. When is a central venous access device not a central venous access device? When it is a hazard. Pediatr Res. 2024 Dec;96(7):1541-1542.
6. Beshish AG, Kwiatkowski DM, Sznycer-Taub N, Costello JM, Jergel A, Gillespie S, Cashen K, Asfari A, Batsis M, Buckley JR, Chlebowski MM, Flores S, Goldshtrom N, Migally K, Mills KI, Radman MR, Reddy C, Shutes B, Riley CM, Narasimhulu SS, Mueller D, Amula V, Venkitachalam R, Joy BF, Karki KB, Leopold SM, Schramm JE, Capone CA, Aydin SI, Bakar AM, Leong K, Kulikowska A, Wing S, Mastropietro CW, Collaborative Research from the Pediatric Intensive Care Society (CoRe?PCICS) Investigators. Hyperoxia During Neonatal Cardiopulmonary Bypass Is Associated

With Worse Clinical Outcomes: A Multi-Institutional Study. J Am Heart Assoc. 2026 Jan 06;15(1):e045890. PMCID: PMC12909032
7. Ladell MM, Jacobson NL, Yale SC, Venkitachalam R, McCarthy C, Suenkens K, Catchpole KR, Nimmer M, Scanlon MC, Papautsky EL. Getting SSPOT to run: Development of a novel direct observational tool for usage in clinical settings. Appl Ergon. 2027 Jan;138:104844.
8. Venkitachalam R, Cashen K, Mastropietro CW, Zhang L, Ke Y, Frommelt PC, Woods RK, Amula V, Badheka A, Buckley J, Bakar A, Caudill E, Chiwane S, Flores S, Gowda K, Iliopoulos I, Karki K, Kwiatkowski D, Migally K, Narasimhulu SS, Piggott K, Radman M, Riley CM, Sassalos P, Smerling J, Wilhelm M. Does pre-operative left ventricular function predict mitral valve function after anomalous left coronary artery from the pulmonary artery repair? Jtcvs Open. 2026.
9. Venkitachalam R, Cashen K, Mastropietro CW, Zhang L, Ke Y, Frommelt PC, Woods RK, Collaborative Research from the Pediatric Cardiac Intensive Care Society (CoRe-PCICS) Investigators. Does pre-operative left ventricular function predict mitral valve function after anomalous left coronary artery from the pulmonary artery repair? JTCVS Open. 2026 Aug;32:101873. PMCID: PMC13477075