



## Ariya Nu Chau

Clinical Assistant Professor, Pediatrics - Cardiology

### CLINICAL OFFICE (PRIMARY)

- **Pediatric Cardiology**

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### Bio

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#### CLINICAL FOCUS

- Pediatric Critical Care Medicine
- Pediatric Cardiac Critical Care

#### ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Pediatrics - Cardiology
- Member, Cardiovascular Institute

#### PROFESSIONAL EDUCATION

- Fellowship: Stanford University Cardiovascular Intensive Care (CVICU) Fellowship (2024) CA
- Fellowship: Children's Hospital Los Angeles Pediatric Critical Care Fellowship (2022) CA
- Medical Education: University of California Davis School of Medicine (2016) CA
- Board Certification: Pediatric Critical Care Medicine, American Board of Pediatrics (2022)
- Residency: UC Irvine Pediatrics Residency (2019) CA

### Publications

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#### PUBLICATIONS

- **Transforming Pediatric Cardiology Fellowship Education: Multi-center Outcomes of the MACH-3 Virtual Reality Program for HLHS.** *Pediatric cardiology*  
McCormick, A. D., Pritz, B. W., Yu, S., Lowery, R. E., Axelrod, D. M., Batsis, M., Brown, D. W., Chau, A., Diab, K. A., Dove, M. L., Hahn, E., Handler, S. S., LaSalle, et al  
2026
- **Abstract 4364013: Virtual Reality Curriculum Improves Pediatric Cardiology Fellow Understanding of Hypoplastic Left Heart Syndrome Palliation: A Multi-Center Study of the Michigan Anatomic Congenital Heart in 3D (MACH-3)**  
Pritz, B., McCormick, A., Yu, S., Lowery, R., Axelrod, D., Batsis, M., Brown, D., Chau, A., Diab, K., Dove, M., Hahn, E., Handler, S., LaSalle, et al  
LIPPINCOTT WILLIAMS & WILKINS.2025

- **Favorable Vessel Patency Following Carotid Artery Reconstruction During Extracorporeal Membrane Oxygenation Decannulation in Children With Congenital Heart Disease.** *World journal for pediatric & congenital heart surgery*  
Chau, A., Maskatia, S. A., Albuliwi, B., Martin, E., Ryan, K. R.  
2025: 21501351251338830
- **THE COMFORT ZONE: IMPLEMENTATION OF AN ANALGESIA AND SEDATION PROTOCOL IN A PEDIATRIC CVICU**  
Xie, A., Khlifi, K., Chau, A., Kameny, R., Presnell, L., Sandler, B.  
LIPPINCOTT WILLIAMS & WILKINS.2025
- **Prehospitalization Trauma and Physiologic Factors Associated with the Presence of Post-traumatic Stress 3 Months After PICU Discharge.** *Journal of intensive care medicine*  
Chau, A. N., Eckberg, R. A., Laksana, E., Ehrlich, L., Ledbetter, D. R., Aczon, M. D., Gold, J. I., Wetzel, R. C., Nelson, L. P.  
2024; 39 (3): 268-276
- **The end-tidal alveolar dead space fraction for risk stratification during the first week of invasive mechanical ventilation: an observational cohort study.** *Critical care (London, England)*  
Bhalla, A. K., Chau, A., Khemani, R. G., Newth, C. J.  
2023; 27 (1): 54
- **Implementation of an Intravenous Fluid Titration Algorithm to Treat Pediatric Diabetic Ketoacidosis.** *Journal of pediatric intensive care*  
Babbitt, C., Dadios, M., Chau, A., Tse, G., Brown, L., Ladbury, T., Morpew, T., Brakin, M.  
2021; 10 (1): 23-30
- **Multimodality cardiovascular imaging in the diagnosis and management of prosthetic valve infective endocarditis in children report of two cases and brief review of the literature.** *Cardiology in the young*  
Chau, A., Renella, P., Arrieta, A.  
2019; 29 (12): 1526-1529