Stanford



Rebecca Kameny

Clinical Associate Professor, Pediatrics - Cardiology

CLINICAL OFFICE (PRIMARY)

- **Stanford Children's Pediatric Cardiology**

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Bio

CLINICAL FOCUS

- Pediatric Critical Care Medicine

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Pediatrics - Cardiology
- Member, Maternal & Child Health Research Institute (MCHRI)

ADMINISTRATIVE APPOINTMENTS

- James Baxter Wood and Yvonne Craig Wood Endowed Director of the Pediatric CVICU, LPCH, (2026- present)

PROFESSIONAL EDUCATION

- Board Certification: Pediatric Critical Care Medicine, American Board of Pediatrics (2023)
- Fellowship: Stanford University Cardiovascular Medicine Fellowship CA
- Medical Education: Boston University School of Medicine (2008) MA
- Fellowship: UCSF Pediatric Critical Care Medicine Fellowship (2015) CA
- Residency: Boston Children's Hospital (2011) MA

Publications

PUBLICATIONS

- **Beyond Census: Building a Novel Unit-Level Acuity Score for Capacity Assessment and Outcomes Prediction in a Pediatric Cardiovascular Intensive Care Unit**

  Kameny, R., Meng, J., Kim, K., Thomas, H., Dhillon, A., Le, J., Rigby, B., Scheinker, D., Shin, A., Patel, M. D.

  LIPPINCOTT WILLIAMS & WILKINS.2026: A18720

- **Recent advances in the clinical management of end-stage pediatric pulmonary hypertension.** *Current opinion in pulmonary medicine*

  van der Have, O., Hopper, R. K., Kameny, R. J., Tran-Lundmark, K.

  2026

- **Cardiology Overview of Pulmonary Hypertension Management in the Neonatal Intensive Care Unit.** *Clinics in perinatology*
  Kameny, R. J., Hopper, R. K.
  2025; 52 (4): 633-653
- **A Joint Perspective on End-of-Life Care in Pediatric Pulmonary Hypertension.** *Pulmonary circulation*
  Kameny, R., Van Wormer, S., Varghese, N. P.
  2025; 15 (4): e70181
- **Randomized, Placebo-Controlled Trial of Peri-Operative Treprostinil in Pediatric Patients Undergoing the Fontan Operation.** *Pulmonary circulation*
  Sullivan, R. T., Handler, S. S., Arunamata, A. A., Ogawa, M. T., Liu, E., Lu, D., Martin, E., Ramamoorthy, C., Kameny, R., Feinstein, J. A.
  2025; 15 (3): e70122
- **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
- **Racial and Ethnic Disparities in Cardiac Reintervention after Pediatric Cardiac Surgery.** *The Annals of thoracic surgery*
  Saha, P., Tjoeng, Y. L., Algaze, C., Kameny, R., Pinto, N., Chan, T.
  2023
- **Pulmonary Vasodilator Therapy in Pediatric Patients on Ventricular Assist Device Support: A Single-Center Experience and Proposal for Use.** *ASAIO journal (American Society for Artificial Internal Organs : 1992)*
  Schramm, J. E., Dykes, J. C., Hopper, R. K., Feinstein, J. A., Rosenthal, D. N., Kameny, R. J.
  2023
- **Measures for Improving Health Equity in Pediatric Cardiology**
  Harmeling, A., Leonard, M., Kipps, A., Shin, A., Palmon, M., Kameny, R.
  LIPPINCOTT WILLIAMS & WILKINS.2022: A15843
- **A case of acquired von Willebrand disease in severe pediatric pulmonary hypertension contributing to bleeding following reverse Potts shunt.** *Pulmonary Circulation*
  Sullivan, R. T., Lo, C., Martin, E., Kameny, R. J., Hopper, R. K.
  2022; 12 (e12042)
- **A case of acquired von Willebrand disease in severe pediatric pulmonary hypertension contributing to bleeding following reverse Potts shunt.** *Pulmonary circulation*
  Sullivan, R. T., Lo, C., Martin, E., Kameny, R. J., Hopper, R. K.
  2022; 12 (1): e12042
- **HIF-1α promotes cellular growth in lymphatic endothelial cells exposed to chronically elevated pulmonary lymph flow** *SCIENTIFIC REPORTS*
  Boehme, J. T., Morris, C. J., Chiacchia, S. R., Gong, W., Wu, K. Y., Kameny, R. J., Raff, G. W., Fineman, J. R., Maltepe, E., Datar, S. A.
  2021; 11 (1): 1468
- **Mechanical forces alter endothelin-1 signaling: comparative ovine models of congenital heart disease** *PULMONARY CIRCULATION*
  Zhu, T., Chiacchia, S., Kameny, R. J., De Herreros, A., Gong, W., Raff, G. W., Boehme, J. B., Maltepe, E., Lasheras, J. C., Black, S. M., Datar, S. A., Fineman, J. R.
  2020; 10 (2): 2045894020922118
- **miR-486 is modulated by stretch and increases ventricular growth** *JCI INSIGHT*
  Lange, S., Banerjee, I., Carrion, K., Serrano, R., Habich, L., Kameny, R., Lengenfelder, L., Dalton, N., Meili, R., Boergeson, E., Peterson, K., Ricci, M., Lincoln, et al
  2019; 4 (19)
- **Ovine Models of Congenital Heart Disease and the Consequences of Hemodynamic Alterations for Pulmonary Artery Remodeling** *AMERICAN JOURNAL OF RESPIRATORY CELL AND MOLECULAR BIOLOGY*
  Kameny, R., Datar, S. A., Boehme, J. B., Morris, C., Zhu, T., Goudy, B. D., Johnson, E. G., Galambos, C., Raff, G. W., Sun, X., Wang, T., Chiacchia, S. R., Lu, et al
  2019; 60 (5): 503-514

- **Preservation of myocardial contractility during acute hypoxia with OMX-CV, a novel oxygen delivery biotherapeutic (vol 16, e2005924, 2018)** *PLOS BIOLOGY*
  Boehme, J., Le Moan, N., Kameny, R. J., Loucks, A., Johengen, M. J., Lesneski, A. L., Gong, W., Goudy, B. D., Davis, T., Tanaka, K., Davis, A., He, Y., Long-Boyle, et al
  2019; 17 (1): e3000119

- **Analysis of the microRNA signature driving adaptive right ventricular hypertrophy in an ovine model of congenital heart disease** *AMERICAN JOURNAL OF PHYSIOLOGY-HEART AND CIRCULATORY PHYSIOLOGY*
  Kameny, R., He, Y., Zhu, T., Gong, W., Raff, G. W., Chapin, C. J., Datar, S. A., Boehme, J. T., Hata, A., Fineman, J. R.
  2018; 315 (4): H847-H854

- **KLF2-mediated disruption of PPAR-γ signaling in lymphatic endothelial cells exposed to chronically increased pulmonary lymph flow** *AMERICAN JOURNAL OF PHYSIOLOGY-HEART AND CIRCULATORY PHYSIOLOGY*
  Morris, C. J., Kameny, R. J., Boehme, J., Gong, W., He, Y., Zhu, T., Maltepe, E., Raff, G. W., Fineman, J. R., Datar, S. A.
  2018; 315 (1): H173-H181

- **Initial presentation and management of pediatric heart failure.** *Current opinion in pediatrics*
  Romer, A. J., Rajagopal, S. K., Kameny, R. J.
  2018; 30 (3): 319-325

- **Pulmonary veno-occlusive disease in a pediatric hematopoietic stem cell transplant patient: a cautionary tale** *LEUKEMIA & LYMPHOMA*
  Zinter, M. S., Melton, A., Sabnis, A. J., Dvorak, C. C., Elicker, B. M., Nawaytou, H. M., Kameny, R. J., Fineman, J. R.
  2018; 59 (6): 1494-1497

- **Altered Carnitine Homeostasis in Children With Increased Pulmonary Blood Flow Due to Ventricular Septal Defects** *PEDIATRIC CRITICAL CARE MEDICINE*
  Black, S. M., Field-Ridley, A., Sharma, S., Kumar, S., Keller, R. L., Kameny, R., Maltepe, E., Datar, S. A., Fineman, J. R.
  2017; 18 (10): 931-934

- **Pushing the envelope: a treat and repair strategy for patients with advanced pulmonary hypertension associated with congenital heart disease** *PULMONARY CIRCULATION*
  Kameny, R., Colglazier, E., Nawaytou, H., Moore, P., Reddy, V., Teitel, D., Fineman, J. R.
  2017; 7 (3): 747-751

- **Pulmonary artery smooth muscle cell hyperproliferation and metabolic shift triggered by pulmonary overcirculation** *AMERICAN JOURNAL OF PHYSIOLOGY-HEART AND CIRCULATORY PHYSIOLOGY*
  Boehme, J., Sun, X., Tormos, K. V., Gong, W., Kellner, M., Datar, S. A., Kameny, R., Yuan, J., Raff, G. W., Fineman, J. R., Black, S. M., Maltepe, E.
  2016; 311 (4): H944-H957

- **Disrupted NOS signaling in lymphatic endothelial cells exposed to chronically increased pulmonary lymph flow** *AMERICAN JOURNAL OF PHYSIOLOGY-HEART AND CIRCULATORY PHYSIOLOGY*
  Datar, S. A., Gong, W., He, Y., Johengen, M., Kameny, R. J., Raff, G. W., Maltepe, E., Oishi, P. E., Fineman, J. R.
  2016; 311 (1): H137-H145

- **Right ventricular nitric oxide signaling in an ovine model of congenital heart disease: a preserved fetal phenotype** *AMERICAN JOURNAL OF PHYSIOLOGY-HEART AND CIRCULATORY PHYSIOLOGY*
  Kameny, R., He, Y., Morris, C., Sun, C., Johengen, M., Gong, W., Raff, G. W., Datar, S. A., Oishi, P. E., Fineman, J. R.
  2015; 309 (1): H157-H165