

Stanford



Saraswati Kache

Clinical Professor, Pediatrics - Critical Care

CLINICAL OFFICE (PRIMARY)

- **Adolescent Medicine**

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ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

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Bio

CLINICAL FOCUS

- Pediatric Intensive Care
- Pediatric Critical Care Medicine

ACADEMIC APPOINTMENTS

- Clinical Professor, Pediatrics - Critical Care
- Member, Maternal & Child Health Research Institute (MCHRI)

PROFESSIONAL EDUCATION

- Board Certification: Pediatric Critical Care Medicine, American Board of Pediatrics (2022)
- Board Certification: Pediatrics, American Board of Pediatrics (2022)
- Fellowship: UCLA Medical Center Radiology Fellowship (2003) CA
- Board Certification: Pediatrics, American Board of Pediatrics (1999)
- Residency: Children's Hospital Los Angeles (1999) CA
- Medical Education: Wayne State University School of Medicine (1996) MI

Research & Scholarship

CLINICAL TRIALS

- An Open-label Study of Hydromorphone Oral Solution in Subjects Aged 28 Days to 16 Years for Postoperative Pain, Not Recruiting

Publications

PUBLICATIONS

- **A RARE CAUSE OF SEVERE PEDIATRIC ACUTE RESPIRATORY DISTRESS SYNDROME**
Lew, A., Koilparampil, L., Kache, S., Haileselassie, B.

LIPPINCOTT WILLIAMS & WILKINS.2024

- **New Phoenix criteria for pediatric sepsis and septic shock: the strengths and the future of a comprehensive perspective.** *Critical care science*
Lanziotti, V. S., Ventura, A., Kache, S., Fernandez-Sarmiento, J.
2024; 36: e20240058en
- **MYOPERICARDITIS IN A PEDIATRIC PATIENT WITH TYPICAL HEMOLYTIC UREMIC SYNDROME**
Lew, A., Henning, A., Kache, S.
LIPPINCOTT WILLIAMS & WILKINS.2024
- **MYOPERICARDITIS IN A PEDIATRIC PATIENT WITH TYPICAL HEMOLYTIC UREMIC SYNDROME**
Lew, A., Henning, A., Kache, S.
SAGE PUBLICATIONS LTD.2023: NP608
- **Prevalence of Anemia and Associated Factors among Infants under Six Months in Rural China.** *Public health nutrition*
Du, Y., Durstenfeld, A., Dill, S., Wang, Q., Zhou, H., Xue, H., Kache, S., Medina, A., Rozelle, S.
2022: 1-27
- **DKA PATHWAY TO KEEP ERRORS AT BAY: STANDARDIZING DKA MANAGEMENT IN A PICU**
Moss, J., Giese-Kim, N., Margossian, S., Dorwart, E., Kache, S., Shah, S.
LIPPINCOTT WILLIAMS & WILKINS.2022: 632
- **DO TARGETED QUALITY IMPROVEMENT INTERVENTIONS IMPROVE PEDIATRIC SEPSIS BUNDLE COMPLIANCE?**
Durstenfeld, A., Chen, C., Moss, J., Lopez, M., Pyke-Grimm, K., Weng, Y., Bunning, B., Kache, S.
LIPPINCOTT WILLIAMS & WILKINS.2021: 623
- **Use of Chimeric Antigen Receptor Modified T Cells With Extensive Leukemic Myocardial Involvement** *JACC: CARDIOONCOLOGY*
Han, B., Montiel-Esparza, R., Chubb, H., Kache, S., Schultz, L. M., Davis, K. L., Ramakrishna, S., Su, L.
2020; 2 (4): 666–70
- **Use of Chimeric Antigen Receptor Modified T Cells With Extensive Leukemic Myocardial Involvement.** *JACC. CardioOncology*
Han, B., Montiel-Esparza, R., Chubb, H., Kache, S., Schultz, L. M., Davis, K. L., Ramakrishna, S., Su, L.
2020; 2 (4): 666-670
- **Recent outcomes of the extracardiac Fontan procedure in patients with hypoplastic left heart syndrome** *ANNALS OF PEDIATRIC CARDIOLOGY*
Arunamata, A., Tacy, T. A., Kache, S., Mainwaring, R. D., Ma, M., Maeda, K., Pun, R.
2020; 13 (3): 186–93
- **Recent outcomes of the extracardiac Fontan procedure in patients with hypoplastic left heart syndrome.** *Annals of pediatric cardiology*
Arunamata, A., Tacy, T. A., Kache, S., Mainwaring, R. D., Ma, M., Maeda, K., Pun, R.
2020; 13 (3): 186-193
- **Derivation and validation of a prognostic score for neonatal mortality in Ethiopia: a case-control study.** *BMC pediatrics*
Mediratta, R. P., Amare, A. T., Behl, R., Efron, B., Narasimhan, B., Teklu, A., Shehobo, A., Ayalew, M., Kache, S.
2020; 20 (1): 238
- **COVID-19 PICU guidelines: for high- and limited-resource settings.** *Pediatric research*
Kache, S. n., Chisti, M. J., Gumbo, F. n., Mupere, E. n., Zhi, X. n., Nallasamy, K. n., Nakagawa, S. n., Lee, J. H., Di Nardo, M. n., de la Oliva, P. n., Katyal, C. n., Anand, K. J., de Souza, et al
2020
- **Differential Lung Ventilation Using a Bronchial Blocker in a Pediatric Patient on Extracorporeal Membrane Oxygenation: A Case Report.** *A&A practice*
Bhargava, V. n., Arastu, A. n., Darling, C. n., Wang, E. n., Kache, S. n.
2019
- **DIFFERENTIAL LUNG VENTILATION IN A PEDIATRIC PATIENT ON ECMO USING A BRONCHIAL BLOCKER**
Bhargava, V., Arastu, A., Darling, C., Wang, E., Kache, S.
LIPPINCOTT WILLIAMS & WILKINS.2019

- **A Retrospective Evaluation of Echocardiograms to Establish Normative Inferior Vena Cava and Aortic Measurements for Children Younger Than 6 Years** *JOURNAL OF ULTRASOUND IN MEDICINE*
Stenson, E. K., Punn, R., Ramsi, M., Kache, S.
2018; 37 (9): 2225–32
- **Challenges to code status discussions for pediatric patients** *PLOS ONE*
Kruse, K. E., Batten, J., Constantine, M. L., Kache, S., Magnus, D.
2017; 12 (11): e0187375
- **DEVELOPMENT AND PRELIMINARY CLINICAL EVALUATION OF A MOBILE TECHNOLOGY FOR DIARRHEAL DISEASE OUTBREAK MANAGEMENT**
Nelson, E. J., Haque, F., Ball, R., Maples, S., Khatun, S., Ahmed, M., Rahman, M., Kache, S., Chisti, M., Sarker, S., Schoolnik, G., Rahman, M.
AMER SOC TROP MED & HYGIENE.2017: 538–39
- **The American College of Critical Care Medicine Clinical Practice Parameters for Hemodynamic Support of Pediatric and Neonatal Septic Shock: Executive Summary** *PEDIATRIC CRITICAL CARE MEDICINE*
Davis, A. L., Carcillo, J. A., Aneja, R. K., Deymann, A. J., Lin, J. C., Nguyen, T. C., Okhuysen-Cawley, R. S., Relvas, M. S., Rozenfeld, R. A., Skippen, P. W., Stojadinovic, B. J., Williams, E. A., Yeh, et al
2017; 18 (9): 884–90
- **American College of Critical Care Medicine Clinical Practice Parameters for Hemodynamic Support of Pediatric and Neonatal Septic Shock** *CRITICAL CARE MEDICINE*
Davis, A. L., Carcillo, J. A., Aneja, R. K., Deymann, A. J., Lin, J. C., Nguyen, T. C., Okhuysen-Cawley, R. S., Relvas, M. S., Rozenfeld, R. A., Skippen, P. W., Stojadinovic, B. T., Williams, E. A., Yeh, et al
2017; 45 (6): 1061-1093
- **Evaluation of a Smartphone Decision-Support Tool for Diarrheal Disease Management in a Resource-Limited Setting.** *PLoS neglected tropical diseases*
Haque, F., Ball, R. L., Khatun, S., Ahmed, M., Kache, S., Chisti, M. J., Sarker, S. A., Maples, S. D., Pieri, D., Vardhan Korrapati, T., Sarnquist, C., Federspiel, N., Rahman, et al
2017; 11 (1)
- **Clinical practice parameters for hemodynamic support of pediatric and neonatal septic shock: 2007 update from the American College of Critical Care Medicine** *CRITICAL CARE MEDICINE*
Brierley, J., Carcillo, J. A., Choong, K., Cornell, T., DeCaen, A., Deymann, A., Doctor, A., Davis, A., Duff, J., Dugas, M., Duncan, A., Evans, B., Feldman, et al
2009; 37 (2): 666-688
- **Glucose control in pediatric intensive care unit patients using an insulin-glucose algorithm** *DIABETES TECHNOLOGY & THERAPEUTICS*
Wintergerst, K. A., Deiss, D., Buckingham, B., Cantwell, M., Kache, S., Agarwal, S., Wilson, D. M., Steil, G.
2007; 9 (3): 211-222
- **Association of hypoglycemia, hyperglycemia, and glucose variability with morbidity and death in the pediatric intensive care unit** *PEDIATRICS*
Wintergerst, K. A., Buckingham, B., Gandrud, L., Wong, B. J., Kache, S., Wilson, D. M.
2006; 118 (1): 173-179
- **Changing outcomes for children requiring intensive care following hematopoietic stem cell transplantation** *PEDIATRIC TRANSPLANTATION*
Kache, S., Weiss, I. K., Moore, T. B.
2006; 10 (3): 299-303