



## Roshni Mathew

Clinical Associate Professor, Pediatrics - Infectious Diseases

### CLINICAL OFFICE (PRIMARY)

- **Center for Academic Medicine General Pediatrics**  
453 Quarry Rd  
MC 5660  
Stanford, CA 94304  
Tel (650) 723-6299      Fax (650) 725-8040

### ACADEMIC CONTACT INFORMATION

- **Administrative Contact**  
Linda Lambert  
Tel 650-723-5682

## Bio

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### CLINICAL FOCUS

- Pediatric Infectious Diseases

### ACADEMIC APPOINTMENTS

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

### ADMINISTRATIVE APPOINTMENTS

- Co-Medical Director, Infection Prevention and Control at LPCH, (2021- present)

### BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, Infectious Diseases Society of America (2008 - present)
- Member, Society for Healthcare Epidemiology of America (2012 - present)
- Member, Pediatric Infectious Diseases Society (2012 - present)

### PROFESSIONAL EDUCATION

- Fellowship: Stanford University Pediatric Infectious Disease Fellowship (2011) CA
- Residency: University of Illinois at Chicago Pediatric Residency (2008) IL
- Board Certification: Pediatric Infectious Diseases, American Board of Pediatrics (2011)
- Board Certification: Pediatrics, American Board of Pediatrics (2008)
- Medical Education: Jawaharlal Nehru Medical College (2003) India

## Publications

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### PUBLICATIONS

- **Use of temporary tracheostomy occlusion to reduce the risk of sternal wound infection after sternotomy in congenital cardiac surgery.** *Cardiology in the young*  
Azimzadeh, J. B., Sidell, D. R., Balakrishnan, K., Mathew, R., Asija, R., Rutter, M. J., Meister, K. D.  
2024: 1-6
- **Impact of cell-free DNA fungal polymerase chain reaction panels on healthcare-associated infection mould investigations.** *Journal of infection prevention*  
Rosenthal, A., Prati, A., Kushner, L. E., Valencia, A., Mathew, R.  
2023; 24 (5): 223-227
- **Mycobacterium marinum Infection after Iguana Bite in Costa Rica.** *Emerging infectious diseases*  
Mah, J., Walding, K., Liang, B., Rinsky, L., Mathew, R., Budvytiene, I., Banaei, N.  
2023; 29 (6): 1278-1280
- **The Association Between Central Line-Associated Bloodstream Infection and Central Line Access.** *Critical care medicine*  
Ward, A., Chemparathy, A., Seneviratne, M., Gaskari, S., Mathew, R., Wood, M., Donnelly, L. F., Lee, G. M., Scheinker, D., Shin, A. Y.  
2023
- **Importance of inclusive leadership in the pandemic response: the critical role of the physician.** *BMJ leader*  
Destino, L., Lin, A., Mathew, R., Lee, T., Aziz, N., Claura, R., Kim, J., Lee, G.  
2023
- **Importance of inclusive leadership in the pandemic response: the critical role of the physician** *BMJ LEADER*  
Destino, L., Lin, A., Mathew, R., Lee, T., Aziz, N., Claura, R., Kim, J., Lee, G.  
2023
- **Pediatric surgical site infections in 287 hospitals in the United States, 2015-2018.** *Infection control and hospital epidemiology*  
Mathew, R., Salinas, J. L., Hsu, H. E., Jin, R., Rhee, C., Lee, G. M.  
2022: 1-3
- **Fatal nocardiosis infection in a pediatric patient with an immunodeficiency after heart re-transplantation.** *Pediatric transplantation*  
Mai, D. H., Sedler, J., Weinberg, K., Bernstein, D., Schroeder, A., Mathew, R., Chen, S., Lee, D., Dykes, J. C., Hollander, S. A.  
2022: e14344
- **Novel Utilization of Strand-Specific Reverse Transcription Polymerase Chain Reaction in Perioperative Clinical Decision Making for SARS-CoV-2 Polymerase Chain Reaction Positive Patients.** *Paediatric anaesthesia*  
Jette, C. G., Wang, T., Wang, E., Man, J. Y., Mireles, S., Maass, B., Mathew, R., Pinsky, B. A., Claire, R., D'Souza, G.  
2022
- **Development and Implementation of a Real-time Bundle-adherence Dashboard for Central Line-associated Bloodstream Infections.** *Pediatric quality & safety*  
Chemparathy, A., Seneviratne, M. G., Ward, A., Mirchandani, S., Li, R., Mathew, R., Wood, M., Shin, A. Y., Donnelly, L. F., Scheinker, D., Lee, G. M.  
2021; 6 (4): e431
- **Post-vaccination SARS-CoV-2 infections and incidence of presumptive B.1.427/B.1.429 variant among healthcare personnel at a northern California academic medical center.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*  
Jacobson, K. B., Pinsky, B. A., Montez Rath, M. E., Wang, H., Miller, J. A., Skhiri, M., Shepard, J., Mathew, R., Lee, G., Bohman, B., Parsonnet, J., Holubar, M.  
2021
- **"For COVID" or "With COVID": Classification of SARS-CoV-2 Hospitalizations in Children.** *Hospital pediatrics*  
Kushner, L. E., Schroeder, A. R., Kim, J., Mathew, R.  
2021
- **Strand Specific Reverse Transcription PCR for Detection of Replicating SARS-CoV-2** *EMERGING INFECTIOUS DISEASES*  
Hogan, C. A., Huang, C., Sahoo, M. K., Wang, H., Jiang, B., Sibai, M., Holubar, M., Mathew, R., Zehnder, J., Pinsky, B. A.

2021; 27 (2): 632–35

- **SARS-CoV-2 Seroprevalence in Healthcare Personnel in Northern California Early in the COVID-19 Pandemic.** *Infection control and hospital epidemiology*  
Rosser, J. I., Roltgen, K., Dymock, M., Shepard, J., Martin, A., Hogan, C. A., Blomkalns, A., Mathew, R., Parsonnet, J., Pinsky, B. A., Maldonado, Y. A., Boyd, S. D., Chang, et al  
2020: 1–27
- **Reduction of Central Line-associated Bloodstream Infection Through Focus on the Mesosystem: Standardization, Data, and Accountability.** *Pediatric quality & safety*  
Mathew, R., Simms, A., Wood, M., Taylor, K., Ferrari, S., Rhein, M., Margallo, D., Bain, L. C., Valencia, A. K., Bargmann-Losche, J., Donnelly, L. F., Lee, G. M.  
2020; 5 (2): e272
- **Differences in Central Line-Associated Bloodstream Infection Rates Based on the Criteria Used to Count Central Line Days.** *JAMA*  
Scheinker, D., Ward, A., Shin, A. Y., Lee, G. M., Mathew, R., Donnelly, L. F.  
2020; 323 (2): 183–85
- **COVID-19 and Kawasaki Disease: Novel Virus and Novel Case.** *Hospital pediatrics*  
Jones, V. G., Mills, M. n., Suarez, D. n., Hogan, C. A., Yeh, D. n., Bradley Segal, J. n., Nguyen, E. L., Barsh, G. R., Maskatia, S. n., Mathew, R. n.  
2020
- **Health Care-Associated Infections Among Critically Ill Children in the US, 2013-2018.** *JAMA pediatrics*  
Hsu, H. E., Mathew, R. n., Wang, R. n., Broadwell, C. n., Horan, K. n., Jin, R. n., Rhee, C. n., Lee, G. M.  
2020
- **Mucormycosis diagnosed during induction chemotherapy in five pediatric patients with acute lymphoblastic leukemia.** *Pediatric blood & cancer*  
Aftandilian, C., Eguiguren, L., Mathew, R., Messner, A.  
2019: e27834
- **Foregone Inclusion: Neonatal CMV Hepatitis and Cholestasis.** *Digestive diseases and sciences*  
Martin, M. n., Holmes, S. n., Sim, J. n., Hassan, M. n., Mathew, R. n., Bensen, R. n., Barakat, M. n.  
2019
- **Complicated pneumonia: current concepts and state of the art.** *Current opinion in pediatrics*  
Tracy, M. C., Mathew, R. n.  
2018
- **Pleural Effusion and Fever in an Immunocompromised Patient.** *Journal of the Pediatric Infectious Diseases Society*  
Kay, A. W., Itoh, M., Valdez, J., Chen, S. F., Mathew, R., Gans, H. A.  
2015; 4 (1): e6-9