

Stanford



Marie Wang

Clinical Associate Professor, Pediatrics

CLINICAL OFFICE (PRIMARY)

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Bio

CLINICAL FOCUS

- Pediatric Hospital Medicine
- Pediatric Infectious Diseases

ACADEMIC APPOINTMENTS

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

ADMINISTRATIVE APPOINTMENTS

- Associate Program Director, Pediatric Hospital Medicine Fellowship, (2019- present)

HONORS AND AWARDS

- Excellence in Improvement Publication Award - Best Publication Focused on a Pediatric Population, Stanford Medicine Center for Improvement (2023)
- Maxwell Finland Award for Excellence in Research, Massachusetts Infectious Diseases Society (2016)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Expert Work Group Member, Better Antibiotic Selection in Children (BASIC), AAP Value in Inpatient Pediatrics Network (2019 - 2021)
- Editorial Board Member, Hospital Pediatrics (2021 - present)
- Editorial Fellow, Journal of Hospital Medicine (2019 - 2020)
- Member, Pediatric Infectious Diseases Society (2013 - present)
- Fellow, American Academy of Pediatrics (2009 - present)

PROFESSIONAL EDUCATION

- Board Certification, American Board of Pediatrics , Pediatric Hospital Medicine (2022)
- Board Certification: Pediatric Infectious Diseases, American Board of Pediatrics (2017)
- MPH, Harvard School of Public Health , Clinical Effectiveness (2016)
- Fellowship, Boston Children's Hospital , Pediatric Infectious Diseases (2016)

- Board Certification: Pediatrics, American Board of Pediatrics (2012)
- Residency: Stanford Health Care at Lucile Packard Children's Hospital (2012) CA
- MD, Stanford University School of Medicine (2009)
- BA, Stanford University , Human Biology

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Evaluation and management of the febrile young infant and infections in hospitalized children; promotion of appropriate antibiotic use.

Publications

PUBLICATIONS

- **Management and Outcomes in Children with Third-Generation Cephalosporin-Resistant Urinary Tract Infections.** *Journal of the Pediatric Infectious Diseases Society*
Wang, M. E., Greenhow, T. L., Lee, V., Beck, J., Bendel-Stenzel, M., Hames, N., McDaniel, C. E., King, E. E., Sherry, W., Parmar, D., Patrizi, S. T., Srinivas, N., Schroeder, et al
2021
- **The Future of Pediatric Hospital Medicine: Challenges and Opportunities.** *Journal of hospital medicine*
Wang, M. E., Shaughnessy, E. E., Leyenaar, J. K.
2020; 15 (2): E1–E3
- **Clinical Response to Discordant Therapy in Third-Generation Cephalosporin-Resistant UTIs.** *Pediatrics*
Wang, M. E., Lee, V. n., Greenhow, T. L., Beck, J. n., Bendel-Stenzel, M. n., Hames, N. n., McDaniel, C. E., King, E. E., Sherry, W. n., Parmar, D. n., Patrizi, S. T., Srinivas, N. n., Schroeder, et al
2020
- **Testing for Meningitis in Febrile Well-Appearing Young Infants With a Positive Urinalysis.** *Pediatrics*
Wang, M. E., Biondi, E. A., McCulloh, R. J., Garber, M. D., Natt, B. C., Lucas, B. P., Schroeder, A. R.
2019
- **Lime-Induced Phytophotodermatitis: A Rash That Requires Explicit Questioning.** *The journal of allergy and clinical immunology. In practice*
Jiang, S. Y., Wright, C. M., Hinton, A., Green, G., Moyer, A. R., Gerstbacher, D., Kushner, L. E., Wang, M. E., Schor, J. S., Trietsch, J., Chu, D., McGhee, S.
2024
- **Incidence of Pediatric Urinary Tract Infections Before and During the COVID-19 Pandemic.** *JAMA network open*
Liang, D., Wang, M. E., Dahlen, A., Liao, Y., Saunders, A. C., Coon, E. R., Schroeder, A. R.
2024; 7 (1): e2350061
- **Clinical course of children 1-24 months old with positive urine cultures without pyuria.** *Academic pediatrics*
Wang, M. E., Jones, V. G., Kane, M., Allan, J. M., Maleknia, L., Patel, R., Ip, W., Newman, T. B., Roberts, K. B., Schroeder, A. R.
2023
- **Research Methods: Diagnostic Test Characteristics.** *Hospital pediatrics*
Mediratta, R. P., Newman, T. B., Wang, M. E.
2023
- **Prevalence of Urinary Tract Infection, Bacteremia, and Meningitis Among Febrile Infants Aged 8 to 60 Days With SARS-CoV-2.** *JAMA network open*
Aronson, P. L., Louie, J. P., Kerns, E., Jennings, B., Magee, S., Wang, M. E., Gupta, N., Kovaleski, C., McDaniel, L. M., McDaniel, C. E.
2023; 6 (5): e2313354
- **Trends in Prevalence of Bacterial Infections in Febrile Infants During the COVID-19 Pandemic.** *Pediatrics*
Aronson, P. L., Kerns, E., Jennings, B., Magee, S., Wang, M. E., McDaniel, C. E.
2022

- **Clinical progress note: Poliomyelitis.** *Journal of hospital medicine*
Wang, M. E., Ratner, A. J.
2022
- **Duration of Antibiotic Therapy for Bacterial Meningitis in Young Infants: A Systematic Review.** *Pediatrics*
Van Hentenryck, M., Schroeder, A. R., McCulloh, R. J., Stave, C. D., Wang, M. E.
2022
- **A Cross-sectional Study Characterizing Pediatric Temperature Percentiles in Children at Well-Child Visits.** *Academic pediatrics*
Dang, R., Schroeder, A. R., Weng, Y., Wang, M. E., Patel, A. I.
2022
- **Improving Efficiency on a Pediatric Hospital Medicine Service With Schedule-Based Family-Centered Rounds.** *Hospital pediatrics*
Wang, M. E., Hutaaruk, R. M., Perales, S., Chang, J., Kim, J., Singh, A. T.
2022
- **Clinical guideline highlights for the hospitalist: Diagnosis and management of acute hematogenous osteomyelitis in children.** *Journal of hospital medicine*
Palmer, B., Wang, M. E.
2022; 17 (2): 114-116
- **Healthcare utilization in children across the care continuum during the COVID-19 pandemic.** *PloS one*
Schroeder, A. R., Dahlen, A., Purington, N., Alvarez, F., Brooks, R., Destino, L., Madduri, G., Wang, M., Coon, E. R.
2022; 17 (10): e0276461
- **A National Survey of Outpatient Parenteral Antibiotic Therapy Practices.** *Journal of the Pediatric Infectious Diseases Society*
Vaz, L. E., Felder, K. K., Newland, J. G., Hersh, A. L., Rajapakse, N. S., Willis, Z. I., Banerjee, R., Gerber, J. S., Schwenk, H. T., Wang, M. E.
1800
- **Temperature Measurement at Well-Child Visits in the United States.** *The Journal of pediatrics*
Dang, R. n., Schroeder, A. R., Patel, A. I., Parsonnet, J. n., Wang, M. n.
2021
- **Frequency and Consequences of Routine Temperature Measurement at Well-Child Visits.** *Pediatrics*
Dang, R., Patel, A. I., Marlow, J., Weng, Y., Wang, M. E., Schroeder, A. R.
2021
- **Pediatric antimicrobial stewardship practices at discharge: A national survey** *Infection Control & Hospital Epidemiology*
Wang, M. E., Felder, K., Newland, J. G., Hersh, A. L., Rajapakse, N. S., Willis, Z. I., Banerjee, R., Gerber, J. S., Schwenk, H. T., Vaz, L. E.
2021: 1-3
- **Characteristics of Afebrile Infants #60 Days of Age With Invasive Bacterial Infections.** *Hospital pediatrics*
Wang, M. E., Neuman, M. I., Nigrovic, L. E., Pruitt, C. M., Desai, S., DePorre, A. G., Sartori, L. F., Marble, R. D., Woll, C., Leazer, R. C., Balamuth, F., Rooholamini, S. N., Aronson, et al
2020
- **Febrile Infants #60 Days Old With Positive Urinalysis Results and Invasive Bacterial Infections.** *Hospital pediatrics*
Yankova, L. C., Neuman, M. I., Wang, M. E., Woll, C., DePorre, A. G., Desai, S., Sartori, L. F., Nigrovic, L. E., Pruitt, C. M., Marble, R. D., Leazer, R. C., Rooholamini, S. N., Balamuth, et al
2020
- **Reconsidering Discharge Criteria in Children With Neurologic Impairment and Acute Respiratory Infections.** *Journal of hospital medicine*
Wang, M. E., Leyenaar, J. K., Leykum, L.
2020; 15 (9): 576
- **CENTRAL NERVOUS SYSTEM INFECTIONS** *JOURNAL OF HOSPITAL MEDICINE*
Wang, M. E.
2020; 15: 34-35
- **Diagnosis and Management of UTI in Febrile Infants Age 0-2 Months: Applicability of the AAP Guideline.** *Journal of hospital medicine*
Chang, P. W., Wang, M. E., Schroeder, A. R.

2020; 15 (2): e1–e5

- **Height of fever and invasive bacterial infection.** *Archives of disease in childhood*
Michelson, K. A., Neuman, M. I., Pruitt, C. M., Desai, S. n., Wang, M. E., DePorre, A. G., Leazer, R. C., Sartori, L. F., Marble, R. D., Rooholamini, S. N., Woll, C. n., Balamuth, F. n., Aronson, et al
2020
- **Clinical Progress Note: Procalcitonin in the Identification of Invasive Bacterial Infections in Febrile Young Infants.** *Journal of hospital medicine*
Wang, M. E., Srinivas, N. n., McCulloh, R. J.
2020
- **Short Parenteral Courses for Young Infants With UTI.** *Hospital pediatrics*
Joshi, N. S., Wang, M. E.
2020
- **Respiratory Syncytial Virus** *The 5-Minute Pediatric Consult*
Wang, M. E., Schroeder, A. R.
Wolters Kluwer.2019; 8th edition
- **Clinical Guideline Highlights for the Hospitalist: Diagnosis and Management of Measles.** *Journal of hospital medicine*
Wang, M. E., Ratner, A. J.
2019; 14: E1–E2
- **Cerebrospinal Fluid Profiles of Infants #60 Days of Age With Bacterial Meningitis.** *Hospital pediatrics*
Fleischer, E. n., Neuman, M. I., Wang, M. E., Nigrovic, L. E., Desai, S. n., DePorre, A. G., Leazer, R. C., Marble, R. D., Sartori, L. F., Aronson, P. L.
2019
- **Parenteral Antibiotic Therapy Duration in Young Infants With Bacteremic Urinary Tract Infections.** *Pediatrics*
Desai, S. n., Aronson, P. L., Shabanova, V. n., Neuman, M. I., Balamuth, F. n., Pruitt, C. M., DePorre, A. G., Nigrovic, L. E., Rooholamini, S. N., Wang, M. E., Marble, R. D., Williams, D. J., Sartori, et al
2019
- **A Prediction Model to Identify Febrile Infants #60 Days at Low Risk of Invasive Bacterial Infection.** *Pediatrics*
Aronson, P. L., Shabanova, V. n., Shapiro, E. D., Wang, M. E., Nigrovic, L. E., Pruitt, C. M., DePorre, A. G., Leazer, R. C., Desai, S. n., Sartori, L. F., Marble, R. D., Rooholamini, S. N., McCulloh, et al
2019
- **Epidemiology and Etiology of Invasive Bacterial Infection in Infants #60 Days Old Treated in Emergency Departments.** *The Journal of pediatrics*
Woll, C. n., Neuman, M. I., Pruitt, C. M., Wang, M. E., Shapiro, E. D., Shah, S. S., McCulloh, R. J., Nigrovic, L. E., Desai, S. n., DePorre, A. G., Leazer, R. C., Marble, R. D., Balamuth, et al
2018
- **Risk Stratification of Febrile Infants #60 Days Old Without Routine Lumbar Puncture.** *Pediatrics*
Aronson, P. L., Wang, M. E., Shapiro, E. D., Shah, S. S., DePorre, A. G., McCulloh, R. J., Pruitt, C. M., Desai, S. n., Nigrovic, L. E., Marble, R. D., Leazer, R. C., Rooholamini, S. N., Sartori, et al
2018
- **Factors Associated with Adverse Outcomes among Febrile Young Infants with Invasive Bacterial Infections.** *The Journal of pediatrics*
Pruitt, C. M., Neuman, M. I., Shah, S. S., Shabanova, V. n., Woll, C. n., Wang, M. E., Alpern, E. R., Williams, D. J., Sartori, L. n., Desai, S. n., Leazer, R. C., Marble, R. D., McCulloh, et al
2018
- **Time to Pathogen Detection for Non-ill Versus Ill-Appearing Infants #60 Days Old With Bacteremia and Meningitis.** *Hospital pediatrics*
Aronson, P. L., Wang, M. E., Nigrovic, L. E., Shah, S. S., Desai, S. n., Pruitt, C. M., Balamuth, F. n., Sartori, L. n., Marble, R. D., Rooholamini, S. N., Leazer, R. C., Woll, C. n., DePorre, et al
2018
- **Risk factors for possible serious bacterial infection in a rural cohort of young infants in central India.** *BMC public health*
Wang, M. E., Patel, A. B., Hansen, N. I., Arlington, L., Prakash, A., Hibberd, P. L.
2016; 16 (1): 1097

- **Trends in the incidence of possible severe bacterial infection and case fatality rates in rural communities in Sub-Saharan Africa, South Asia and Latin America, 2010-2013: a multicenter prospective cohort study.** *Reproductive health*
Hibberd, P. L., Hansen, N. I., Wang, M. E., Goudar, S. S., Pasha, O., Esamai, F., Chomba, E., Garces, A., Althabe, F., Derman, R. J., Goldenberg, R. L., Liechty, E. A., Carlo, et al
2016; 13 (1): 65
- **Immune Reconstitution Inflammatory Syndrome in Human Immunodeficiency Virus-Infected Children in Peru** *PEDIATRIC INFECTIOUS DISEASE JOURNAL*
Wang, M. E., Castillo, M. E., Montano, S. M., Zunt, J. R.
2009; 28 (10): 900-903
- **Changes in health insurance coverage during the economic downturn: 2000-2002.** *Health affairs*
Holahan, J., Wang, M.
2004: W4-31 42