

AVOIDING COMMON ERRORS IN PEDIATRIC EMERGENCY MEDICINE

ASSOCIATE EDITORS

Maybelle Kou **Landon Jones Andrea Fang Keith Borg** Michael H. Greenwald Christopher S. Amato Madeline M. Joseph James C. O'Neill **Matthew Neal** Jean Klig **Chad Scarboro** Jessica Wall Jenny Mendelson **Lucas Friedman Whitney Minnock** Debra S. Rusk **Anna McFarlin** Jennifer E. Guyther Marla C. Levine **Dina Wallin** Sheryl Yanger E. Julia N. Magana Anupam B. Kharbanda Mark S. Mannenbach

Emily Rose Paul Ishimine

AVOIDING COMMON ERRORS IN PEDIATRIC EMERGENCY MEDICINE

Dale P. Woolridge, MD, PhD

Professor of Emergency Medicine, Pediatrics, Chemistry and Biochemistry Department of Emergency Medicine and Pediatrics University of Arizona, College of Medicine Tucson, Arizona

SECTION EDITORS

Sean M. Fox, MD

Professor of Emergency Medicine
Professor of Pediatrics
Program Director, Emergency Medicine Residency Program
Department of Emergency Medicine
Carolinas Medical Center
Charlotte, North Carolina

James (Jim) Homme, MD

Assistant Professor of Pediatrics and Emergency Medicine
Division of Pediatric Emergency MedicineDepartment of Emergency MedicineMayo Clinic College of
Medicine and Science
Rochester, Minnesota

Aaron N. Leetch, MD

Assistant Professor of Emergency Medicine and Pediatrics Program Director, Combined Emergency Medicine and Pediatrics Residency Departments of Emergency Medicine and Pediatrics University of Arizona, College of Medicine Tucson, Arizona

Timothy K. RUTTAN, MD

Assistant Professor of Pediatrics University of Texas at Austin Dell Medical School Department of Pediatrics Dell Children's Medical Center of Central Texas Pediatric Emergency Medicine Austin, Texas



Executive Editor: Sharon Zinner

Senior Development Editor: Ashley Fischer

Editorial Coordinator: Blair Jackson

Production Project Manager: Bridgett Dougherty

Design Coordinator: Stephen Druding Manufacturing Coordinator: Beth Welsh

Prepress Vendor: SPi Global

Copyright © 2021 Wolters Kluwer

All rights reserved. This book is protected by copyright. No part of this book may be reproduced or transmitted in any form or by any means, including as photocopies or scanned-in or other electronic copies, or utilized by any information storage and retrieval system without written permission from the copyright owner, except for brief quotations embodied in critical articles and reviews. Materials appearing in this book prepared by individuals as part of their official duties as U.S. government employees are not covered by the above-mentioned copyright. To request permission, please contact Wolters Kluwer at Two Commerce Square, 2001 Market Street, Philadelphia, PA 19103, via email at permissions@lww.com, or via our website at shop.lww.com (products and services).

987654321

Printed in China

Cataloging-in-Publication Data available on request from the Publisher

ISBN: 978-1-9751-3833-2

This work is provided "as is," and the publisher disclaims any and all warranties, express or implied, including any warranties as to accuracy, comprehensiveness, or currency of the content of this work.

This work is no substitute for individual patient assessment based upon healthcare professionals' examination of each patient and consideration of, among other things, age, weight, gender, current or prior medical conditions, medication history, laboratory data and other factors unique to the patient. The publisher does not provide medical advice or guidance and this work is merely a reference tool. Healthcare professionals, and not the publisher, are solely responsible for the use of this work including all medical judgments and for any resulting diagnosis and treatments.

Given continuous, rapid advances in medical science and health information, independent professional verification of medical diagnoses, indications, appropriate pharmaceutical selections and dosages, and treatment options should be made and healthcare professionals should consult a variety of sources. When prescribing medication, healthcare professionals are advised to consult the product information sheet (the manufacturer's package insert) accompanying each drug to verify, among other things, conditions of use, warnings and side effects and identify any changes in dosage schedule or contraindications, particularly if the medication to be administered is new, infrequently used or has a narrow therapeutic range. To the maximum extent permitted under applicable law, no responsibility is assumed by the publisher for any injury and/or damage to persons or property, as a matter of products liability, negligence law or otherwise, or from any reference to or use by any person of this work.

shop.lww.com

To Kirsten my wife, my best friend, and the MVP of the Homme household. Without you, nothing productive would ever happen.

To my children Jack, Katie, Natalie, Sarah, and Megan— you inspire me to be more than I am.

To George Lucas, J. R. R. Tolkien, and Walt Disney— for a lifetime of imagination and wonder.

Most importantly—Jesus Christ—for saving what was lost (Luke 19:10).
—James (Jim) Homme, MD

This book is dedicated to Sarah for her support and partnership as well as to my children, Isaac and Claire, for reminding me of what matters most and for always being ready with love and hugs. A special thanks to the patients, students, residents, fellows, and faculty with whom I have had the honor to work, teach, and learn alongside as we all strive to serve others in the emergency department and make the world a little better each day.

—Timothy K. Ruttan, MD

CONTRIBUTORS

Maneesha Agarwal, MD, FAAP, FACEP

Assistant Professor
Departments of Emergency Medicine and Pediatrics
Children's Healthcare of Atlanta
Emory University School of Medicine
Atlanta, Georgia

Mahsa Akhavan, MD

Associate Director, Pediatric Emergency Medicine Fellowship Attending Physician, Pediatric Emergency Medicine Morristown Medical Center, Goryeb Children's Hospital Morristown, New Jersey

Sabreen Akhter, DO, DTM

Associate Professor Division of Emergency Medicine, Department of Pediatrics University of Washington School of Medicine/Seattle Children's Hospital Seattle, Washington

Christopher S. Amato, MD, FAAP, FACEP

Associate Professor
Department of Emergency Medicine & Pediatrics
Sidney Kimmel Medical College
Director Pediatric Emergency Medicine Fellowship
Goryeb Children's Hospital/Morristown Medical Center
Pediatric Medical Director
Atlantic Ambulance Company
Morristown, New Jersey

Minal Amin, MD, FAAEM

Interim Program Director Altieri Pediatric Emergency Medicine Fellowship Department of Emergency Medicine Inova Fairfax Hospital/Inova Children's Hospital Falls Church, Virginia

Nicky Amin, MD

Pediatric Emergency Medicine Fellow Department of Emergency Medicine Goryeb Children's Hospital Morristown, New Jersey

Andrea P. Anderson, MD

Pediatric Emergency Medicine Fellow Division of Emergency Medicine Department of Pediatrics University of Washington School of Medicine/Seattle Children's Hospital Seattle, Washington

Jana L. Anderson, MD

Assistant Professor of Emergency Medicine and Pediatrics Department of Emergency Medicine Mayo Clinic Rochester, Minnesota

Joseph Arms, MD

Pediatric Emergency Medicine

Associate Fellowship Director in Emergency Medicine Emergency Department Staff Physician Children's Hospitals of Minnesota St. Paul, Minnesota

Anthony Arredondo, DO, FAAP

Pediatric Emergency Medicine Fellow Department of Pediatrics The University of Texas at Austin Dell Medical School Dell Children's Medical Center Austin, Texas

Mary Asal, MD, MPH, FAAP

Fellow
Section on Pediatric Emergency Medicine
Department of Pediatrics
University of Oklahoma College of Medicine
The Children's Hospital at OU Medical Center
Oklahoma City, Oklahoma

Carmen Avendano, MD

Emergency Medicine Physician Adjunct Assistant Professor of Pediatrics University of Minnesota Masonic Children's Hospital Pediatric Emergency Division Faculty St Francis Regional Medical Center Shakopee, Minnesota

Shad Baab, MD

Assistant Professor of Emergency Medicine Section of Pediatric Emergency Medicine Brenner's Children's Hospital Wake Forest University School of Medicine Winston-Salem, North Carolina

Seth Ball, MD

Emergency Medicine and Pediatric Resident Physician Departments of Emergency Medicine and Pediatrics
University of Maryland School of Medicine
Baltimore, Maryland

Nicole Barbera, DO

Pediatric Emergency Medicine Fellow Department of Pediatrics Altieri Pediatric Emergency Medicine Fellowship Inova Children's Hospital Falls Church, Virginia

Sarah Becker, DO, FAAP

Assistant Professor Division of Pediatric Emergency Medicine Department of Pediatrics University of Utah School of Medicine Salt Lake City, Utah

Kelsev Ford Bench, MD

Resident Physician Department of Emergency Medicine LAC + USC Medical Center Los Angeles, California

Kelly R. Bergmann, MD

Emergency Research Director, Staff Physician Department of Pediatric Emergency Medicine Children's Minnesota Minneapolis, Minnesota

Alyssa Bernardi, DO

Pediatric Critical Care Fellow Department of Pediatrics, Critical Care Medicine Baylor College of Medicine Houston, Texas

Nehal Bhandari, MD, FAAP

Assistant Professor of Pediatrics Division of Pediatric Emergency Medicine Emory University School of Medicine/Children's Healthcare of Atlanta Atlanta, Georgia

Mary Bing, MD, MPH

Director of Preclinical Programs
Associate Clinical Professor Department of Emergency Medicine
University of California, Davis
Sacramento, California

Sarah Bingham, MD

Pediatric Emergency Medicine Fellow Department of Pediatric Emergency Medicine Wake Forest Baptist Medical Center Winston Salem, North Carolina

Amanda L. Bogie, MD, FAAP, FACEP

Professor of Pediatrics
Section Chief Pediatric Emergency Medicine and Fellowship Director
Department of Pediatrics, Pediatric Emergency Medicine University of Oklahoma Health Sciences
Center
Oklahoma City, Oklahoma

Keith Borg, MD, PhD

Professor, Department of Pediatrics Medical University of South Carolina Charleston, South Carolina

Rebecca C. Bowers, MD, FACEP

Associate Professor of Emergency Medicine University of Kentucky Lexington, Kentucky

Amy Briggs, MD

Fellow, Wilderness Medicine Department of Emergency Medicine University of California, Irvine Orange, California

Cortlyn Brown, MD

Emergency Medicine Resident Physician Department of Emergency Medicine University of California, San Francisco San Francisco General Hospital San Francisco, California

Ryan D. Brown, MD, FAAP

Clinical Associate Professor Department of Pediatrics, Section on Pediatric Emergency Medicine University of Oklahoma College of Medicine The Children's Hospital at OU Medical Center Oklahoma City, Oklahoma

Kathleen Kinney Bryant, MD, FACEP

Children's ED Medical Director, Vidant Medical Center Associate Program Director, ECU/VMC Emergency Medicine Residency Assistant Professor, Department of Emergency Medicine ECU Brody School of Medicine Greenville, North Carolina

Zachary T. Burroughs, MD, FAAP

Clinical Assistant Professor
Pediatric Emergency Medicine Clerkship Director
Division of Pediatric Emergency Medicine
Department of Emergency Medicine
University of South Carolina School of Medicine Greenville
Prisma Health
Greenville, South Carolina

Carrie Busch, MD, MSCR

Assistant Professor Divisions of Pediatric Emergency Medicine & Child Abuse Pediatrics Department of Pediatrics Medical University of South Carolina Charleston, South Carolina

James Buscher, MD

Pediatric Emergency Medicine Fellow Emergency Department University of Florida College of Medicine-Jacksonville Jacksonville, Florida

Rachel Cafferty, MD

Pediatric Emergency Medicine Fellow Section of Emergency Medicine Department of Pediatrics University of Colorado Denver-Children's Hospital Colorado Aurora, Colorado

Derva Caglar, MD

Associate Professor of Pediatrics
Fellowship Director, Pediatric Emergency Medicine
Division of Emergency Medicine
Department of Pediatrics
University of Washington School of Medicine/Seattle Children's Hospital
Seattle, Washington

Meghan Cain, MD

Senior Associate Consultant Department of Emergency Medicine Mayo Clinic Rochester, Minnesota

Matthew Carlisle, MD, MAS

Program Director, Assistant Professor of Clinical Medicine Department of Emergency Medicine LSU Health Sciences Center New Orleans, Louisiana

Carlee Carranza, DO

Resident Physician

Department of Emergency Medicine

Los Angeles County + University of Southern California Medical Center

Los Angeles, California

Craig T. Carter, DO

Associate Professor-Emergency Medicine and Pediatrics Medical Director, EM Advanced Practice Providers Program Director, EM Advanced Practice Provider Residency University of Kentucky Lexington, Kentucky

James Chamberlain, MD

Director, Data Analytics and Informatics Associate Director of Research Division of Emergency Medicine Children's National Hospital Washington, District of Columbia

Carol C. Chen, MD, MPH, FAAP

Assistant Clinical Professor of Emergency Medicine and Pediatrics Department of Emergency Medicine University of California at San Francisco School of Medicine San Francisco, California

Cullen Clark, MD

Resident Physician Emergency Medicine/Pediatrics Residency Louisiana State University Health Sciences Center-New Orleans New Orleans, Louisiana

Forrest T. Closson. MD

Department of Pediatrics Division of Pediatric Emergency Medicine University of Maryland School of Medicine University of Maryland Children's Hospital Baltimore, Maryland

Jessica L. Chow, MD, MPH

Emergency Medicine Chief Resident Department of Emergency Medicine University of California, San Francisco and Zuckerberg San Francisco General Hospital San Francisco, California

Forrest T. Closson, MD

Director, Pediatric Emergency Educational Program Division of Pediatric Emergency Medicine Department of Pediatrics University of Maryland School of Medicine Baltimore, Maryland

Ari Cohen, MD, FAAP

Chief of Pediatric Emergency Medicine Department of Emergency Medicine Massachusetts General Hospital Boston, Massachusetts

Stephanie G. Cohen, MD

Assistant Professor of Pediatrics & Emergency Medicine Director of Pediatric Emergency Ultrasound Department of Pediatrics Emory University School of Medicine Children's Healthcare of Atlanta Atlanta, Georgia

Daniel K. Colby, MD

Assistant Professor Division of Medical Toxicology Substance Use Intervention Team Department of Emergency Medicine UC Davis School of Medicine Sacramento, California

Gena Cooper, MD, FAAP

Assistant Professor Assistant Medical Director for Pediatric Emergency Medicine Division of Pediatric Emergency Medicine Department of Emergency Medicine University of Kentucky College of Medicine

Rachel E. M. Cramton, MD

Associate Professor of Pediatrics
Associate Program Director, Pediatric Residency University of Arizona
GME Director of Wellness
Pediatric Hospitalist/Palliative Care Provider
Banner University Medical Center-Tucson, Diamond Children's
Tucson, Arizona

Quinn Cummings, MD

Assistant Professor
Department of Emergency Medicine
Medical University of South Carolina
Charleston, South Carolina

Kristol Das, MD, FAAP

Pediatric Emergency Medicine Fellow Department of Emergency Medicine Nationwide Children's Hospital Columbus, Ohio

Anna Darby, MD, MPH

PGY-4 Resident Physician, Chief Resident-Recruitment Department of Emergency Medicine Los Angeles County + University of Southern California Medical Center Los Angeles, California

Danielle Dardis, MD

Assistant Professor Department of Emergency Medicine University of Kentucky Lexington, Kentucky

Angelica W. DesPain, MD

Pediatric Emergency Medicine Fellow Division of Emergency Medicine Children's National Hospital The George Washington University School of Medicine Washington, District of Columbia

Gabriel Paul Devlin, MD/CM

Resident Physician Department of Pediatrics University of California, San Francisco San Francisco, California

Amanda Dupont, MD

Pediatric Resident Department of Pediatrics William Beaumont Hospital-Royal Oak Royal Oak, Michigan

Corey W. Dye, MD

Emergency Medicine Resident Emergency Medicine Department University of Florida College of Medicine-Jacksonville Jacksonville, Florida

Clifford C. Ellingson, MD, FAAP

Emergency Medicine and Pediatrics Alaska Emergency Medicine Associates Providence Medical Center Anchorage, Alaska

Candace Engelhardt, MD, FAAP

Clinical Assistant Professor Department of Child Health, Complex Care and Adolescent Medicine University of Arizona, College of Medicine Phoenix, Phoenix Children's Hospital Phoenix, Arizona

Jasmin England, MD, FAAP

Attending Physician Department of Emergency Medicine Children's Hospital of Orange County Orange, California

Rvan Ericksen, MD

Clinical Assistant Professor Department of Pediatrics, Pediatric Emergency Medicine University of Oklahoma Health Science Center Oklahoma City, Oklahoma

Andrea Fang, MD

Program Director, Pediatric Emergency Medicine Fellowship Department of Emergency Medicine Stanford University School of Medicine Stanford, California

Ashley L. Flannery, DO, FACEP, FAAEM

Department of Emergency Medicine AHS-Morristown Medical Center Morristown, New Jersey

Sean M. Fox, MD

Professor of Emergency Medicine & Professor of Pediatrics Program Director, Emergency Medicine Residency Adult & Pediatric Emergency Departments Carolinas Medical Center Charlotte, North Carolina

Lucas Friedman, MD, MEd

Director of Ultrasound Education Department of Emergency Medicine Riverside Community Hospital University of California Riverside School of Medicine Riverside, California

Julia Fuzak Freeman, MD, FAAP

Assistant Professor Section of Emergency Medicine Department of Pediatrics University of Colorado Denver-Children's Hospital Colorado Aurora, Colorado

Alison Gardner, MD, MS

Assistant Professor of Pediatrics and Emergency Medicine Department of Emergency Medicine Wake Forest Baptist Medical Center Winston-Salem, North Carolina

Peggy Gatsinos, MD, FAAP

Instructor of Pediatrics
Department of Pediatrics
Northwestern University Feinberg School of Medicine
Ann and Robert H. Lurie Children's Hospital of Chicago
Chicago, Illinois

Marianne Gausche-Hill, MD, FACEP, FAAP, FAEMS

Medical Director

Los Angeles County EMS Agency Professor of Emergency Medicine and Pediatrics David Geffen School of Medicine at UCLA Clinical Faculty Departments of Emergency Medicine and Pediatrics Harbor-UCLA Medical Center Torrance, California

Nicole Gerber, MD

Assistant Professor of Clinical Emergency Medicine and Pediatrics Department of Emergency Medicine New York-Presbyterian Hospital Weill Cornell Medical Center New York, New York

Jason Gillon, MD, FAAP

Pediatric Emergency Medicine Fellow Department of Pediatrics Dell Medical School at The University of Texas at Austin Austin, Texas

Kina Le Goodman, MD, FAAP

Fellow, Pediatric Emergency Medicine Department of Pediatrics Emory University School of Medicine Atlanta, Georgia

Denisse Fernandez Goytizolo, M.D.

Pediatric Emergency Medicine Fellow, PGY-6
Department of Emergency Medicine
University of Florida College of Medicine-Jacksonville Jacksonville, Florida

Jessica Kraynik Graham, MD

University of Colorado School of Medicine Children's Hospital Colorado Aurora, Colorado

Joyce Granger, MD, FAAP

Clinical Assistant Professor

Department of Emergency Medicine University of South Carolina School of Medicine-Greenville Greenville, South Carolina

Emily Greenwald, MD

Fellow Pediatric Emergency Medicine Clinical Instructor, Pediatrics Section of Emergency Medicine University of Colorado School of Medicine Children's Hospital Colorado Aurora, Colorado

Michael H. Greenwald, MD

Associate Professor, Pediatrics and Emergency Medicine Emory University/Children's Healthcare of Atlanta Atlanta, Georgia

Kendra Grether-Jones, MD

Associate Professor Department of Emergency Medicine UC Davis Medical Center Sacramento, California

Ayush Gupta, MD

Clinical Assistant Professor Department of Pediatrics Louisiana State University School of Medicine

Vinayak Gupta, MD

Department of Emergency Medicine University of Kentucky Lexington, Kentucky Dhritiman Gurkha, MDPediatric Emergency Medicine Fellow Beaumont Health Royal Oak, Michigan

Jennifer E. Guyther, MD

Assistant Professor of Pediatrics Bon Secours Hospital-Baltimore University of Maryland Medical Center University of Maryland Upper Chesapeake Medical Center Baltimore, Maryland

Monica Hajirawala, MD

LSU Pediatrics Chief Resident LSU Pediatrics Clinical Instructor Department of Pediatrics Louisiana State University School of Medicine at Children's Hospital of New Orleans New Orleans, Louisiana

Gregory Hall, MD, MHA, FACEP

Assistant Professor of Emergency Medicine Department of Emergency Medicine Medical University of South Carolina Charleston, South Carolina

Molly Hallweaver, MD

Global Health Fellow Department of Emergency Medicine University of California, Davis Davis, California

Mahmoud Hamdan, MD, CDE, ABCL

Pediatric Endocrinologist and Clinical Lipidologist Carle Foundation Hospital New Orleans Louisiana

Anna Handorf, MD

Pediatric Resident Department of Pediatrics Massachusetts General Hospital Boston, Massachusetts

Rosy Hao, MD

Pediatric Emergency Fellow Department of Emergency Medicine SUNY Downstate/Kings County Hospital Brooklyn, New York

Michael Hardy, MD, FAAP

Pediatric Emergency Medicine Fellow Division of Emergency Medicine and Trauma Services Children's National Hospital The George Washington University School of Medicine and Health Sciences Washington, District of Columbia

William E. Hauda II, MD, FACEP, FAAP

Medical Director Inova Ewing Forensic Assessment and Consultation Team Department Inova Health System Falls Church, Virginia

Geoffrey P. Hays, MD

Assistant Professor of Clinical Emergency Medicine and Pediatrics Departments of Emergency Medicine and Pediatrics Indiana University School of Medicine Indianapolis, Indiana

Michael Hazboun, MD

Rady Children's Hospital—San Diego San Diego, California

Heather A. Heaton, MD, FACEP

Assistant Professor of Emergency Medicine Mayo Clinic College of Medicine Department of Emergency Medicine Mayo Clinic Rochester, Minnesota

Rachel J. Heidt, MD

Title (at time of writing chapter): PGY-3; (at time of publication) General Pediatrician Department of Pediatrics UC Davis Medical Center Sacramento, California

Jonathan Higgins, MD, FAAP

Fellow, Pediatric Emergency Medicine University of Washington School of Medicine and Seattle Children's Hospital Seattle, Washington

Eva Tovar Hirashima, MD, MPH

Assistant Ultrasound Director, Assistant Professor Department of Emergency Medicine University of California Riverside Riverside, California

James (Jim) Homme, MD, FACEP

Assistant Professor of Pediatrics and Emergency Medicine Program Director
Emergency Medicine Residency
Mayo School of Graduate Medical Education
Department of Emergency Medicine
Division of Pediatric Emergency Medicine
Mayo Clinic College of Medicine and Science
Rochester, Minnesota

Jason (Jay) Homme, MD, FAAP

Assistant Fellowship Program Director-Pediatric Hospital Medicine Department of Pediatric and Adolescent Medicine Mayo Clinic School of Graduate Medical Education Rochester, Minnesota

Rebecca Hutchings, MD

Director of Medical Education Division of Emergency Medicine Children's Hospital New Orleans New Orleans, Louisiana

Vivian Hwang, MD, FACEP, FAAP

Inova Pediatric Emergency Department Resident Rotation Director
Department of Emergency Medicine
Inova Fairfax Hospital
Falls Church, Virginia
Assistant Clinical Professor
The George Washington University School of Medicine and Health Sciences
Washington, District of Columbia
Virginia Commonwealth University School of Medicine
Richmond, Virginia

Paul Ishimine, MD

Clinical Professor Departments of Emergency Medicine and Pediatrics University of California, San Diego School of Medicine San Diego, California

Benjamin F. Jackson, MD, FAAP, FACEP

Associate Professor of Pediatrics Pediatric Emergency Medicine Medical University of South Carolina Charleston, South Carolina

Courtney Jacobs, MD

Pediatric Emergency Medicine Fellow Department of Emergency Medicine Eastern Virginia School of Medicine Norfolk, Virginia

Priya Jain, MD, FAAP

Assistant Professor, Pediatric Emergency Medicine Department of Pediatrics Feinberg School of Medicine, Northwestern University Chicago, Illinois

Angela Jarman, MD, MPH

Director, Sex & Gender in Emergency Medicine Assistant Professor, Emergency Medicine University of California, Davis Davis, California

Lily Anne Jewett, MD

Resident Physician Department of Emergency Medicine University of California Davis Health Sacramento, California

Daniel L. Johnson, MD, MSEd

Emergency Medicine Physician LAC+USC Emergency Medicine Program Los Angeles, California

Landon A. Jones, MD

Associate Professor-Emergency Medicine and Pediatrics Medical Director, Makenna David Pediatric Emergency Center University of Kentucky Lexington, Kentucky

Madeline M. Joseph, MD, FACEP, FAAP

Professor of Emergency Medicine and Pediatrics
Assistant Chair, Pediatric Emergency Medicine Quality Improvement
Department of Emergency Medicine
Associate Dean for Inclusion and Equity
University of Florida College of Medicine
Jacksonville, Florida

Cree Kachelski, MD

Resident Physician Department of Pediatrics Mayo Clinic Rochester, Minnesota

Kristin Kahale, MD

Emergency Medicine Resident Oakland University William Beaumont School of Medicine Beaumont Hospital, Royal Oak Royal Oak, Michigan

Rahul Kaila, MD

Assistant Professor of Pediatrics and Emergency Medicine Department of Pediatrics and Emergency Medicine University of Minnesota Masonic Children's Hospital Minneapolis, Minnesota

Ian Kane, MD

Associate Program Director, Pediatric Emergency Medicine Fellowship Department of Pediatrics Medical University of South Carolina Charleston, South Carolina

Ryan Kearney, MD, MPH

Northampton Area Pediatrics, LLPBoston Children's Hospital Community of Care Member

Kathryn Kean, MD

Pediatric Emergency Medicine Fellow Department of Emergency Medicine Goryeb Children's Hospital, Morristown Medical Center Morristown, New Jersey

Samantha Kerns, MD

Resident, Emergency Medicine Department of Emergency Medicine University of California, Davis Sacramento, California

Naghma S. Khan, MD, FAAP, FACEP

Associate Professor of Pediatric and Emergency Medicine Department of Pediatrics and Emergency Medicine Emory University School of Medicine Atlanta, Georgia

Anupam B. Kharbanda, MD, MSc

Chief, Critical Care Services Children's Minnesota Emergency Medicine Associate Professor of Pediatrics University of Minnesota Minneapolis, Minnesota

Tommy Y. Kim, MD

Health Science Clinical Professor Department of Emergency Medicine HCA Healthcare, Riverside Community Hospital/UC Riverside School of Medicine Riverside, California

Tyler Kingdon, MD

Resident Physician
Department of Pediatrics
LSU Health Sciences Center, School of Medicine
New Orleans, Louisiana

Sarah Kleist, MD

Pediatric Emergency Medicine Medical Director Department of Pediatrics and Emergency Medicine Grand Strand Regional Medical Center Myrtle Beach, South Carolina

Jean Klig, MD

Assistant Professor of Emergency Medicine and Pediatrics Department of Emergency Medicine Massachusetts General Hospital Harvard Medical School Boston, Massachusetts

Adam Kochman, MD, FAAP, FACEP

Associate Director of Pediatric Emergency Medicine Department of Emergency Medicine Deputy Advisor for Pediatric Emergency Preparedness and Response Inova Fairfax Hospital for Children Falls Church, Virginia

Marie Kotenko, MD, MPH

Emergency Medicine Resident Oakland University William Beaumont School of Medicine Beaumont Hospital, Royal Oak Royal Oak, Michigan

Maybelle Kou, MD, MEd

Associate Clinical Professor Department of Emergency Medicine The George Washington University School of Medicine Washington, District of Columbia **Assistant Professor** Departments of Emergency Medicine and Pediatrics Virginia Commonwealth University School of Medicine Fairfax Campus Falls Church, Virginia

Ioannis Koutroulis, MD, PhD, MBA

Pediatric Emergency Medicine Attending Assistant Professor of Pediatrics, Emergency Medicine, and Genomics and Precision Medicine Division of Emergency Medicine Children's National Hospital The George Washington University School of Medicine Washington, District of Columbia

Atsuko Koyama, MD, MPH

Clinical Assistant Professor Department of Child Health University of Arizona, College of Medicine Phoenix, Arizona

Kevin Landefeld, MD

Chief Resident Department of Emergency Medicine LSU Health Sciences New Orleans New Orleans, Louisiana

Sean Larsen, MD

Pediatric Chief Resident University of Arizona College of Medicine Tucson, Arizona

Simone L. Lawson, MD, FAAP

Assistant Professor of Pediatrics and Emergency Medicine Division of Emergency Medicine and Trauma Services Children's National Hospital The George Washington University School of Medicine and Health Sciences Washington, District of Columbia

Flavien Leclere, MD, MA

Resident Physician Department of Emergency Medicine LAC+USC Medical Center Los Angeles, California

Hannah Y. Lee, MD

Pediatric Urgent Care Physician Department of Pediatric Urgent Care Children's Healthcare of Atlanta Atlanta, Georgia

Jonathan Lee, MD, FAAP

Pediatric Emergency Medicine Fellow Department of Pediatrics Inova Fairfax Hospital Falls Church, Virginia

Moon O. Lee, MD, MPH, FACEP

Quality Director Pediatric Emergency Department Department of Emergency Medicine Stanford University School of Medicine Stanford, California

Aaron N. Leetch, MD

Associate Professor of Emergency Medicine and Pediatrics Program Director, Combined Emergency Medicine and Pediatrics Residency Departments of Emergency Medicine and Pediatrics University of Arizona College of Medicine Tucson, Arizona

Beatrice Leverett, MD

Combined Pediatric & Emergency Medicine Residency Programs University of Maryland Medical Center Baltimore, Maryland

Marla C. Levine, MD

Assistant Professor, Department of Pediatrics The University of Texas at Austin Dell Medical School Pediatric Emergency Medicine Physician Dell Children's Medical Center Austin, Texas

Jenna Lillemoe, MD

Chief Resident of Pediatrics Department of Pediatrics Massachusetts General Hospital for Children Boston, Massachusetts

Stephen Lim, MD, FAAEM

Director of Resident Research Assistant Professor Section of Emergency Medicine Louisiana State University Health Sciences Center New Orleans, Louisiana

Carly Loner, MD

Attending
Department of Emergency Medicine
University of Rochester Strong Memorial Hospital
Rochester, New York

Mimi Lu, MD

Adjunct Assistant Professor Director, PEM Education Department of Emergency Medicine University of Maryland Baltimore, Maryland

Stephen Mac, MD, FAAP

Director of Clinical Effectiveness Department of Emergency Medicine Children's Hospital of New Orleans Louisiana State University New Orleans, Louisiana

Emily C. MacNeill, MD

Associate Professor/Associate Residency Director Emergency Medicine Director of Inclusion and Health Equity for Medical Education Carolinas Medical Center

Marci Macaraeg, MD

Department of Pediatrics University of Arizona Tucson, Arizona

Julia N. Magana, MD

Assistant Professor of Emergency Medicine Pediatric Emergency Medicine UC Davis Children's Hospital Sacramento, California

Akhila Reddy Mandadi, MD

Fellow in Pediatric Emergency Medicine University of Florida College of Medicine – Jacksonville Jacksonville, Florida

Mark S. Mannenbach, MD

Consultant, Division of Pediatric and Adolescent Emergency Medicine Chair of Education and Faculty Development Department of Emergency Medicine Mayo Clinic Rochester, Minnesota

Erica Marburger, MD

Emergency Medicine Resident, PGY-3 Department of Emergency Medicine Beaumont Health System Royal Oak, Michigan

Julia E. Martin, MD, FACEP

Professor of Emergency Medicine Department of Emergency Medicine University of Kentucky Lexington, Kentucky

William Martin, MD

Chief Resident, 2019-2020 Emergency Medicine and Pediatrics Residency Program, PGY-5 Indiana University School of Medicine Indianapolis, Indiana

Chad D. McCalla, MD

Assistant Professor of Emergency Medicine Section of Pediatric Emergency Medicine Wake Forest University School of Medicine Winston-Salem, North Carolina

Anna McFarlin, MD

Assistant Professor of Clinical Pediatrics Department of Pediatrics LSU Health New Orleans New Orleans, Louisiana

Kayla McManus, DO

Department of Pediatrics University of Florida School of Medicine Jacksonville, Florida

Ryley McPeters, MD

Department of Internal Medicine and Pediatrics Louisiana State University Health Sciences Center, Children's Hospital of New Orleans

Kathleen Meadows, MD, FAAP

Emergency Department Children's Hospital New Orleans New Orleans, Louisiana

Jenny Mendelson, MD

Assistant Professor, Division of Critical Care Departments of Pediatrics University of Arizona, College of Medicine Tucson, Arizona

Neethu M. Menon, MD

Assistant Professor Department of Pediatrics The University of Texas Health Science Center at Houston & Mc Govern Medical School Houston, Texas

Collin Michels, MD

Resident, Stanford Emergency Medicine Stanford University School of Medicine Stanford, California

Elise Milani, MD

PGY-4Section of Emergency Medicine Louisiana State University Health Sciences Center New Orleans, Louisiana

Whitney Minnock, MD

Director of Simulation Pediatric Emergency Emergency Medicine Oakland University William Beaumont School of Medicine Rochester, Michigan

Carl Mirus IV, MD

Resident
Department of Emergency Medicine
University of Rochester Strong Memorial Hospital
Rochester, New York

Michael S. Mitchell, MD

Medical Director, Pediatric Emergency Department at Brenner Children's Hospital Assistant Professor of Emergency Medicine
Section of Pediatric Emergency Medicine
Wake Forest University School of Medicine
Medical Center Boulevard
Winston-Salem, North Carolina

Perry White Mitchell, MDPGY-IV

Resident
Department of Internal Medicine/Emergency Medicine
LSU Health Sciences Center
New Orleans, Louisiana

Matthew Moake, MD, PhD

Assistant Professor Division of Pediatric Emergency Medicine Medical University of South Carolina Charleston, South Carolina

Sephora N. Morrison, MBBS, MSCI, MBA, CPE

Associate Division Chief, Director of Clinical Operations EMTC Director, Patient Experience & Clinical Service Innovation

Children's National Medical Center Washington, District of Columbia

Amber M. Morse, MD, FAAP

Assistant Professor and Associate Fellowship Director Department of Pediatric Emergency Medicine University of Arkansas for Medical Sciences Little Rock, Arkansas

David Muncy, DO

Department of Emergency Medicine University of Kentucky Lexington, Kentucky

Erin Munns, MD

Pediatric Emergency Medicine Fellow Department of Pediatric Emergency Medicine University of Texas at Austin Dell Medical School Austin, Texas

Carrie M. Myers, MD

Resident Physician Department of Emergency Medicine Hennepin County Medical Center Minneapolis, Minnesota

Kimberly Myers, MD

Assistant Instructor of Emergency Medicine Department of Emergency Medic Wake Forest Baptist Medical Center Winston-Salem, North Carolina

Vishal Naik, MD

Chief Pediatric Resident Department of Pediatrics University of Minnesota Masonic Children's Hospital Minneapolis, Minnesota

Nidhya Navanandan, MD

Assistant Professor of Pediatrics Section of Emergency Medicine University of Colorado School of Medicine Children's Hospital Colorado Aurora, Colorado

Matthew Neal, MD, MBA

Clinical Assistant Professor Department of Emergency Medicine Prisma Health University of South Carolina School of Medicine, Greenville Greenville, South Carolina

Mylinh Thi Nguyen, M.D.

Assistant Clinical Professor, Pediatrics University of California San Diego San Diego, California

Jonathan Nielson, MD

Department of Pediatric Emergency Medicine Pediatric Emergency Medicine Fellow Children's Minnesota Minneapolis, Minnesota

Mahnoosh Nik-Ahd, MD, MPH

Pediatric Emergency Medicine Fellow

Department of Emergency Medicine UCSF Benioff Children's Hospital Oakland Oakland, California

Kimberly L. Norris, MD

Assistant Professor of Pediatric Emergency Medicine Department of Pediatrics Emory University School of Medicine Atlanta, Georgia

Rachel O'Brian, MD

Pediatric Emergency Medicine Fellow Department of Pediatrics Inova Fairfax Hospital for Children Falls Church, Virginia

Michelle Odette, MD

Resident Physician Department of Pediatrics University of California, Davis Sacramento, California

James C. O'Neill, MD, FACEP

Associate Professor of Emergency Medicine Department of Emergency Medicine Wake Forest Baptist Health Winston-Salem, North Carolina

Nicholas Orozco, MD MS

Resident Physician
Department of Emergency Medicine
Los Angeles County + University of Southern California Medical Center
Los Angeles, California

Jonathan Orsborn, MD, FAAP

Pediatric Emergency Ultrasound Co-director Department of Pediatric Emergency Medicine University of Colorado School of Medicine Children's Hospital Colorado Aurora, Colorado

Leslie Palmerlee, MD, MPH

Assistant Professor of Emergency Medicine Associate Director Division of Emergency Ultrasound Department of Emergency Medicine LSU Health Sciences/University Medical Center New Orleans New Orleans, Louisiana

Devan Pandya, MD

Resident Physician
Department of Emergency Medicine
HCA Healthcare, Riverside Community Hospital/UC Riverside School of Medicine
Riverside, California

Kelly Patel, MD

Emergency Medicine Resident Department of Emergency Medicine Beaumont Health - Royal Oak Royal Oak, Michigan

Saharsh Patel, MD

Clinical Instructor Department of Pediatrics Stanford University School of Medicine

Amy Pattishall, MD

Associate Professor Division of Pediatric Emergency Medicine Department of Pediatrics Emory University School of Medicine Children's Healthcare of Atlanta Atlanta, Georgia

Robert Peterson, MD

Assistant Professor Department of Pediatrics University of Washington School of Medicine Seattle, Washington

Frederick Place, MD, FACEP, FAAP

Director of the Pediatric Emergency Department Department of Emergency Medicine Inova Fairfax Medical Campus Fairfax, Virginia

Jennifer Plitt, MD

Assistant Professor Department of Emergency Medicine University of Arizona, Banner UMC

Nicholas Pokrajac, MD

Assistant Professor
Pediatric Emergency Medicine
Department of Emergency Medicine
Stanford University School of Medicine
Palo Alto, California

Adriana Porto, MD

Pediatric Emergency Medicine Fellow Department of Emergency Medicine William Beaumont Hospital Royal Oak, Michigan

Jennifer K. Potter, MD

Resident Physician Department of Emergency Medicine Carolinas Medical Center, Atrium Health Charlotte, North Carolina

Amanda Price, MD

Assistant Professor Division of Pediatric Emergency Medicine Director, Pediatric Simulation Department of Pediatrics Medical University South Carolina Charleston, South Carolina

Nadira Ramkellawan, MD

Department of Emergency Medicine Inova Loudoun Hospital Leesburg, Virginia

Katie Rebillot, DO

Keck School of Medicine of the University of Southern California Assistant Professor of Clinical Emergency Medicine Department of Emergency Medicine Los Angeles County + USC Medical Center Los Angeles, California

Ryan J. Reichert, MD

Fellow of Pediatric Emergency Medicine Department of Emergency Medicine Wake Forest School of Medicine Winston Salem, North Carolina

Lindsev Retterath, MD

Resident Physician Departments of Emergency Medicine and Pediatrics Banner-University Medical Center Tucson, Arizona

Nicholena Richardson, MD

Department of Emergency Medicine Carolinas Medical Center Charlotte, North Carolina

Eddie G. Rodriguez, MD

Attending Physician
Department of Emergency Medicine
Ponce Health Sciences University/St. Luke's Episcopal Medical Center
Ponce, Puerto Rico

Blair Rolnick, MD, FAAP

Chief Pediatric Emergency Medicine Fellow St. Christopher's Hospital for Children Philadelphia, Pennsylvania

Emily Rose, MD, FAAP, FAAEM, FACEP

Director for Pre-Health Undergraduate Studies
Director of the Minor in Health Care Studies
Keck School of Medicine of the University of Southern California
Associate Professor of Clinical Emergency Medicine (Educational Scholar)
Department of Emergency Medicine
Los Angeles County + USC Medical Center
Los Angeles, California

Efrat Rosenthal, MD

Assistant Professor Department of Emergency Medicine University of California, San Francisco San Francisco, California

Debra S. Rusk, MD

Assistant Dean for Career Mentoring, Educational Affairs Assistant Professor of Clinical Emergency Medicine Assistant Professor of Clinical Pediatrics Indiana University School of Medicine Indianapolis, Indiana

Timothy K. Ruttan, MD

Assistant Professor of Pediatrics
Pediatric Emergency Medicine Education and Clerkship Director
University of Texas at Austin Dell Medical School
Department of Pediatrics
Dell Children's Medical Center of Central Texas
Pediatric Emergency Medicine
Austin, Texas

Sami K. Saikaly, MD

Dermatology Resident Department of Dermatology University of Florida Gainesville, Florida

Sandal Saleem, MD, FAAP

Pediatric Emergency Medicine Fellow Department of Pediatric Emergency Medicine Beaumont Health – Royal Oak Royal Oak, Michigan

Nicholas Sausen, MD

Assistant Professor of Pediatrics Division of Pediatric Emergency Medicine Department of Pediatrics University of Minnesota Masonic Children's Hospital Minneapolis, Minnesota

Chad Scarboro, MD, FACEP

Associate Professor of Emergency Medicine and Pediatrics Division of Pediatric Emergency Medicine Department of Emergency Medicine Atrium Health's Carolinas Medical Center/Levine Children's Hospital Charlotte, North Carolina

Anna Schlechter, MD, FAAP

Fellow, Pediatric Emergency Medicine Department of Pediatrics The University of Texas at Austin Dell Medical School Dell Children's Medical Center of Central Texas Austin, Texas

Suzanne M. SchmidtDr., MD

Assistant Professor of Pediatrics
Department of Pediatric Emergency Medicine
Ann & Robert H. Lurie Children's Hospital of Chicago/Northwestern University Feinberg School of Medicine
Chicago, Illinois

Jennifer J. Schoch, MD

Assistant Professor of Dermatology University of Florida College of Medicine- Gainesville Gainesville, Florida

Daniel Scholz, MD, MPH

Department of Emergency Medicine Mayo Clinic Rochester, Minnesota

Paul Schunk, MD, FAAEM

Assistant Program Director Madigan Army Medical Center Fort Lewis, Washington

Julia Schweizer, MD, FAAP

Director of Outreach Department of Emergency Medicine Children's Hospital of New Orleans New Orleans, Louisiana

Erica Scott, MD

Resident
Department of Emergency Medicine
ECU Brody School of Medicine
Greenville, North Carolina

Kara K. Seaton, MD, FAAP

Fellowship Director, Pediatric Emergency Medicine Department of Emergency Medicine Children's Minnesota Minneapolis, Minnesota

Suzanne E. Seo, MD

Pediatric Emergency Medicine Fellow Department of Pediatric Emergency Medicine University of Washington School of Medicine/Seattle Children's Hospital Seattle, Washington

Haig Setrakian, MD

Assistant Professor of Emergency Medicine and Pediatrics Indiana University Indianapolis, Indiana

Lekha Shah, MD, FAAP, FACEP

Fellowship Director, Pediatric Emergency Ultrasound Departments of Emergency Medicine and Pediatrics Emory University/Children's Healthcare of Atlanta Atlanta, Georgia

Seema Shah, MD

Medical Director Division of Emergency Medicine Rady Children's Hospital San Diego Clinical Professor of Pediatrics University of California San Diego San Diego, California

Supriya Sharma, MD, FAAP

Fellow, Pediatric Emergency Medicine Fellow, Child Abuse Pediatrics Harbor-UCLA Medical Center Torrance, California

Matthew Shapiro, MD

Pediatric Hospital Medicine Fellow Department of Pediatrics Ann & Robert H. Lurie Children's Hospital of Chicago Northwestern University Feinberg School of Medicine Chicago, Illinois

Corinne Shubin, MD

Clinical Assistant Professor Pediatric Emergency Medicine University of Washington School of Medicine Seattle Children's Hospital Seattle, Washington

Joshua Siembieda, MD

Pediatric Emergency Medicine Physician Department of Pediatric Emergency Medicine CHOC Children's Hospital Orange, California

David Skibbie, MD, MA, FACEP, FAAEM

Inova Fairfax Hospital
Falls Church, Virginia
Department of Emergency Medicine Assistant Professor of Emergency Medicine
Virginia Commonwealth University
Richmond, Virginia

Morgan J. Sims, MD, FAAP

Assistant Professor of Pediatrics Pediatric Emergency Medicine University of North Carolina Chapel Hill, North Carolina

Leah Sitler, MD

Resident Physician Department of Pediatrics University of California Davis Children's Hospital Sacramento, California

Daniel Slubowski, MD

Pediatric Emergency Medicine Fellow Department of Emergency Medicine University of Texas at Austin Dell Medical School Dell Children's Medical Center Austin, Texas

Adrienne N. Smallwood, MD

Resident Physician, PGY-3
Department of Pediatrics
Ann & Robert H. Lurie Children's Hospital of Chicago/Northwestern University Feinberg School of Medicine
Chicago, Illinois

Anna G. Smith, MD, FAAP

Fellow, Pediatric Emergency Medicine Department of Emergency Medicine Ann & Robert H. Lurie Children's Hospital Chicago, Illinois

Jeremiah Smith, MD, FAAP

GME Director for Pediatric Education for EM Residency Department of Emergency Medicine Prisma Health-Upstate, University of South Carolina-Greenville Greenville, South Carolina

Kathleen M. Smith, MD, MPH

Attending Physician Rady Children's Hospital-San Diego Department of Emergency Medicine UCSD School of Medicine San Diego, California

Natasha Smith, MD

Resident Physician
Department of Emergency Medicine and Pediatrics
University of Maryland Medical Center
Baltimore, Maryland

David Soma, MD, CAQSM

Assistant Professor of Pediatrics Departments of Pediatrics and Orthopedic Surgery Mayo Clinic College of Medicine Rochester, Minnesota

Rajesh Sood, MD, FAAP

Pediatric Emergency Medicine Fellow Department of Pediatrics Inova Children's Hospital Falls Church, Virginia

Fernando Soto, MD, FACEP

Attending Physician
UPR Hospital-Dr. Federico Trilla
University Pediatric Hospital-Dr. Antonio Ortiz
Assistant Professor Emergency Medicine/Pediatric Emergency Medicine
Department of Emergency Medicine
University of Puerto Rico-School of Medicine

Samuel Spizman, MD, FAAP

Children's Healthcare of Atlanta Department of Pediatrics Emory University Atlanta, Georgia

Kathleen Stephanos, MD, FAAEM

Assistant Clerkship Director Departments of Emergency Medicine and Pediatrics University of Rochester Strong Memorial Hospital Rochester, New York

Josephine Stout, MD

Chief Resident Department of Pediatrics University of Arizona, College of Medicine Tucson, Arizona

Ashley M. Strobel, MD, FACEP, FAAP

Director of Pediatric Emergency Education Assistant Professor of Emergency Medicine Department of Emergency Medicine Hennepin County Medical Center Division of Pediatric Emergency Medicine University of Minnesota Masonic Children's Hospital Minneapolis, Minnesota

Jonathan Strutt, MD, FAAP

Assistant Professor Pediatric Emergency Medicine University of Minnesota Masonic Children's Hospital Minneapolis, Minnesota

Katina M. Summerford, MD

Pediatric Emergency Medicine Fellow Department of Emergency Medicine Phoenix Children's Hospital Phoenix, Arizona

Scott W. Sutton, MD

Assistant Professor of Emergency Medicine Section of Pediatric Emergency Medicine Wake Forest Baptist Health Medical Center Blvd Winston Salem, North Carolina

Yongtian Tina Tan, MD, MBA

Pediatrics Resident Department of Pediatrics University of California at San Francisco San Francisco, California

Ankita Taneja, MD, MPH

Pediatric Emergency Medicine Fellow University of Florida, Jacksonville Jacksonville, Florida

Joseph Abraham Tanga, MD

Resident Emergency Medicine Physician Department of Emergency Medicine PRISMA Health at the University of South Carolina School of Medicine-Greenville Campus Greenville, South Carolina

Getachew Teshome, MD, MPH

Associate Professor and Division Head Pediatric Emergency Medicine Department of Pediatrics University of Maryland School of Medicine

Lindly A. Theroux, DO

Pediatric Emergency Medicine Fellow Department of Emergency Medicine Wake Forest Baptist Health Medical Center Blvd Winston Salem, North Carolina

Anita A. Thomas, MD

Assistant Professor Division of Emergency Medicine Department of Pediatrics University of Washington, Seattle Children's Hospital Seattle, Washington

Sean Thompson, MD

Assistant Professor of Clinical Emergency Medicine Assistant Professor of Clinical Pediatrics Department of Emergency Medicine Indiana University School of Medicine Indianapolis, Indiana

Tseng-Che Tseng, MD

Emergency Medicine/Pediatrics Combined Resident PGY-3 Department of Emergency Medicine and Pediatrics Louisiana State University Health Science Center New Orleans, Louisiana

Brittany Tyson, MD

Resident Physician Department of Emergency Medicine Los Angeles County + University of Southern California Medical Center Los Angeles, California

Matthew B. Underwood, MD, FACEP

Health Sciences Assistant Professor Department of Emergency Medicine University of California Riverside, School of Medicine HCA Healthcare, Riverside Community Hospital Riverside, California

Atim Uya, MD

Director, Point-of-Care Ultrasound Associate Professor of Pediatrics Department of Pediatrics University of California-San Diego/Rady Children's Hospital San Diego, California

Selina Varma, MD, MPH

Pediatric Emergency Medicine Fellow Department of Pediatrics Northwestern University Feinberg School of Medicine Ann & Robert H. Lurie Children's Hospital Chicago, Illinois

Tatyana Vayngortin, MD

Assistant Clinical Professor Division of Emergency Medicine Rady Children's Hospital San Diego University of California, San Diego San Diego, California

Adam E. Vella, MD, FAAP

Associate Chief Quality Officer

Associate Professor of Clinical Emergency Medicine and Pediatrics Department of Emergency Medicine New York-Presbyterian Hospital Weill Cornell Medical Center New York, New York

Evan Verplancken, MD

Resident Physician
Department of Emergency Medicine
Medical University of South Carolina
Charleston, South Carolina

Robert Vezzetti, MD, FAAP, FACEP

Attending Physician, Pediatric Emergency Medicine
Associate Program Director, Pediatric Residency Program
Course Director, Pediatric Emergency Medicine Radiology, Pediatric Emergency Medicine Fellowship
Program
Dell Children's Medical Center
Dell Medical School at the University of Texas-Austin
Austin, Texas

Brian Wagers, MD, FAAP

Physician Director of Pediatric and Maternal Quality and Safety Riley Hospital for Children Assistant Professor of Clinical Emergency Medicine and Pediatrics Riley Hospital for Children and Indiana University School of Medicine Indianapolis, Indiana

Emily Wagner, MD

Chief Resident Emergency Medicine and Pediatrics Residency Program Indiana School of Medicine Indianapolis, Indiana

Jessica Wall, MD, MPH, MSCE, FAAP

Clinical Assistant Professor of Emergency Medicine and Pediatrics Associate Pediatric Medical Director, Airlift Northwest University of Washington, School of Medicine Seattle, Washington

Dina Wallin, MD

Physician, Pediatric Emergency Care Assistant Professor, Department of Emergency Medicine UCSF Benioff Children's Hospital San Francisco, California

Caroline Wang, MD

Department of Pediatrics University of California, Davis Sacramento, California

George Sam Wang, MD, FAAP, FAACT

Associate Professor of Pediatrics Section of Emergency Medicine, Medical Toxicology Department of Pediatrics University of Colorado Anschutz Medical Campus Children's Hospital Colorado Aurora, Colorado

Yvette Wang, MD

Assistant Clinical Professor of Pediatrics Department of Pediatrics, Division of Emergency Medicine Rady Children's Hospital, San Diego University of California, San Diego San Diego, California

Crick Watkins, DO

Assistant Professor Section of Pediatric Emergency Medicine Department of Emergency Medicine Wake Forest University School of Medicine Winston-Salem, North Carolina

Rachel Weigert, MD

Pediatric Emergency Medicine Fellow Department of Emergency Medicine Children's Hospitals and Clinics of Minnesota Minneapolis, Minnesota

Sarah N. Weihmiller, MD, FAAP

Attending Physician, Quality Assurance Committee Leader Division of Pediatric Emergency Medicine Department of Emergency Medicine Levine Children's Hospital Carolinas Medical Center, Atrium Health Charlotte, North Carolina

Alexander Werne, MD

Resident, PGY-3 Department of Pediatrics University of California, San Francisco San Francisco, California

Heidi Werner, M.D., MSHPEd

Associate Professor Department of Emergency Medicine University of California School of Medicine, San Francisco San Francisco, California

William White, MD, MA

Fellow, Pediatric Emergency Medicine and Emergency Ultrasound Department of Emergency Medicine Harbor-UCLA Medical Center Torrance, California

Anne Whitehead, MD, FAAEM

Assistant Professor of Clinical Emergency Medicine and Pediatrics Department of Emergency Medicine Indiana University School of Medicine Indianapolis, Indiana

Danielle Wickman, MD

Resident Physician Department of Emergency Medicine LAC+USC Medical Center Los Angeles, California

Rachel Wiltjer, DO

Resident in Emergency Medicine/Pediatrics Program Departments of Emergency Medicine and Pediatrics University of Maryland Medical Center Baltimore, Maryland

Dale P. Woolridge, MD, PhD

Block Director College of Medicine Curriculum: Digestion, Metabolism, Hormones (DMH) Director of the Southern Arizona Children's Advocacy Center Professor of Emergency Medicine, Pediatrics and Chemistry/Biochemistry Department of Emergency Medicine University of Arizona Tucson, Arizona

Todd Wylie, MD

Associate Professor Program Director, Pediatric Emergency Medicine Fellowship Medical Director, Pediatric Emergency Department Department of Emergency Medicine University of Florida College of Medicine- Jacksonville Jacksonville, Florida

Sheryl E. Yanger, MD

Physician, Pediatric Emergency Medicine
Ann & Robert H. Lurie Children's Hospital of Chicago
Assistant Professor of Pediatrics (Emergency Medicine)Northwestern University Feinberg School of
Medicine
Winfield, Illinois

Kelly D. Young, MD, MS

Health Sciences Clinical Professor of Pediatrics
David Geffen School of Medicine at UCLA
Pediatric Emergency Medicine Fellowship Program Director
Department of Emergency Medicine
Harbor-UCLA Medical Center
Torrance, California

Mark Zhang, MD

Resident Physician
Department of Emergency Medicine
Los Angeles County + USC Medical Center
Los Angeles, California

Elise Zimmerman, MD, MS

Assistant Clinical Professor of Pediatrics Division of Emergency Medicine Department of Pediatrics Rady Children's Hospital San Diego University of California, San Diego San Diego, California

Melissa E. Zukowski, MD, MPH, FACEP, FAAP

Medical Director, Emergency Department Department of Emergency Medicine The University of Arizona College of Medicine-Tucson Banner University Medical Center-Tucson Tucson, Arizona