

The [Division of Pediatric Emergency Medicine](#) (PEM) is one of the largest divisions within the Department of Pediatrics at UT Southwestern. We continue to recruit additional faculty to meet increasing demand in the clinical service, as well as to build upon research activities and educational efforts. The new lower level expansion of the Dallas Emergency Department (ED) opened in October 2019, and the rest of construction will be completed in phases, culminating in the Fall of 2021. Our faculty have diverse clinical and research interests, including Emergency Medical Services, respiratory emergencies, neurologic emergencies, trauma, bedside ultrasound, infectious diseases, and quality improvement.

The division’s faculty and PEM fellows provide clinical service at Children’s Health Emergency Departments on 2 campuses: Dallas (main) and Plano. Children’s Health emergency services continues to be one of the busiest pediatric emergency services in the country. Our 2019 patient volume for both campuses was 184,804 patient visits (Dallas: 130,375 and Plano: 54,429). In addition to staffing from UTSW faculty, a number of advanced practice providers and contracted physicians assist in the care of patients.



Vincent Wang, M.D., M.H.A.
Professor, Division Chief

The Dallas Campus ED is the primary pediatric ED for Dallas, serves as a major pediatric referral center, and is the only American College of Surgeons verified Level I pediatric trauma center in North Texas. As such, the ED provides pediatric trauma stabilization and resuscitation, and plays a key role in the trauma network for North Texas. Division faculty also provide medical oversight and physician coordination for the Children’s Health transport team and Dallas County Emergency Medical Services (BioTel). The Plano Campus ED is a free-standing community children’s hospital staffed similarly. Since 2017, the Plano campus has been designated a level 4 trauma center.

In September 2019, the Division of Pediatric Emergency Medicine became a member of the highly prestigious Pediatric Emergency Care Applied Research Network (PECARN), the largest multicenter, federally funded research consortium. Membership is limited to a handful of leading academic medical centers, with multicenter research studies making impactful changes in Pediatric Emergency Medicine. PECARN is significant step forward in research accomplishment for the Division, and has been guided by the Research Director, Dr. Halim Hennes.

The Division has an excellent research infrastructure with a full-time research coordinator, a dedicated PECARN research coordinator, and 4 more full-time and part-time research staff. Our faculty are involved in numerous clinical research studies, designed to advance patient care and knowledge regarding status epilepticus, asthma and other respiratory diseases, brain injury, pain management, bedside ultrasound, prehospital care, and noninvasive monitoring. Currently, division faculty are participating in 4 multicenter, federally funded research projects.

The PEM Division plays a vital role in training pediatric emergency medicine fellows, pediatric residents, family medicine residents, emergency medicine residents, medical students, and advanced practice providers, who will provide pediatric emergency care throughout the country, as well as in Texas. The Division’s well-established, ACGME accredited pediatric emergency medicine fellowship program provides strong clinical, educational, and research training, and plays a crucial role in clinical teaching.

In 2019, the Division of Pediatric Emergency Medicine assumed the lead role in the national Pediatric Emergency Medicine Question Review Book Board Review Conference, which is the largest board review conference in the country. Through this conference, faculty at UTSW helped teach the newest Pediatric Emergency Medicine attending physicians pass the American Board of Pediatrics Pediatric Emergency Medicine Board certification examination.

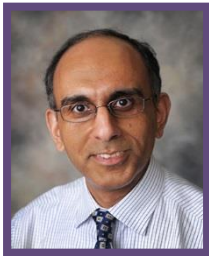
In September of 2019, the [Fleisher and Ludwig 5-Minute Pediatric Emergency Medicine Consult, 2nd ed.](#) was published, for which Dr. Vincent Wang is the co-Editor-in-Chief, and 19 Faculty and Fellows were chapter authors.

Dr. Pamela Okada received the 2019 Patient & Family Recognition Award for UTSW, for her dedication and service.

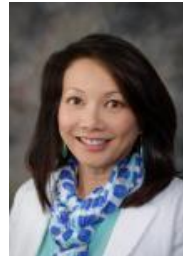
Pediatric Emergency Medicine Division Leadership



Vincent Wang, M.D., M.H.A.
Professor
Division Chief



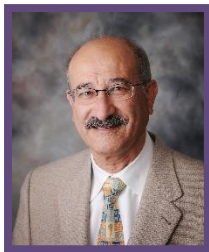
Mohamed Badawy, M.D.
Associate Professor
Medical Director-Dallas



Pamela Okada, M.D.
Professor
Medical Director-Plano



Ken Yen, M.D., M.S.
Associate Professor
Fellowship Director



Halim Hennes, M.D., M.S.
Professor
Research Director



Craig Huang, M.D.
Associate Professor
EMS and Trauma Director



David Rodriguez, M.D.
Assistant Professor
ED Clerkship Director



Jo-Ann Nesiama, M.D., M.S.
Associate Professor
Fellowship Director



Michael Baldovsky, D.O., M.B.A.
Assistant Professor
Referral Nurse Program Director

Division Faculty

The Division has 31 full-time and four part-time faculty members and 11 fellows, all with diverse research and administrative interests. Five faculty joined the Division in 2019.

Amy Y. Cheng, M.D.

Assistant Professor



B.Mus., Music, *magna cum laude*

Vanderbilt University, Nashville, TN, 2007

M.D.

University of Tennessee Health Science Center, Memphis, 2013

Postdoctoral Training

Residency, Pediatrics

Emory University, Atlanta, GA, 2013 – 2016

Fellowship, Pediatric Emergency Medicine

Emory University, Atlanta, GA, 2016 – 2019

Interests:

Bronchiolitis, high flow nasal cannula, process improvement

Alessandra Guiner-da Silva, M.D.

Assistant Professor



B.S., Psychobiology

University of California, Los Angeles, 2007

M.D.

St. George's University, Grenada, West Indies, 2013

Postdoctoral Training

Residency, Pediatrics

University of Nevada School of Medicine, Las Vegas, 2013 – 2016

Fellowship, Pediatric Emergency Medicine

UT Southwestern, 2016 – 2019

Interests:

Medical ethics; pain control; procedural sedation; process improvement

Geoffrey S. Lowe, M.D.

Assistant Professor



B.S., Exercise Sport Science, *magna cum laude*

Texas Tech University, Lubbock, 2008

M.D.

Texas Tech University Health Science Center, Lubbock, TX 2013

Postdoctoral Training

Residency, Pediatrics

University of Oklahoma Health Science Center, Oklahoma City, 2013 – 2016

Fellowship, Pediatric Emergency Medicine

UT Southwestern, 2016 – 2019

Interests:

Pediatric Pre-Hospital Care, EMS, and Disaster Preparedness

Jennifer Tiller, M.D.

Assistant Professor



B.S., Biology, *summa cum laude*
Texas Tech University, Lubbock, 2009

M.D.
Howard University Health, Washington, DC, 2013

Postdoctoral Training
Residency, Pediatrics
University of Illinois/The Children’s Hospital, Chicago, 2013 – 2016
Fellowship, Pediatric Emergency Medicine
Carolinas Medical Center/Levine Children’s Hospital, 2016 – 2019

Interests:
Advocacy (i.e. human trafficking), healthcare disparities.

Sanea Almas, M.B.B.S.

Instructor



B.S., Biology
West Texas A&M University, Canyon, 2007

M.B.B.S.
Shifa College of Medicine, Islamabad, Pakistan, 2013

Postdoctoral Training
Residency, Pediatrics, Texas Tech University Health Science Center, Amarillo, 2016 – 2019

Interests
Physician wellness, adolescent obesity, global health

Honors / Awards

Pamela Okada, MD

- Patient and Family Recognition Award (2019 Leaders in Clinical Excellence Awards)

Michael Cooper, MD

- PEM Fellows’ Education Award

Sing-Yi Feng, MD

- 2019 PEM Fellowship Educator of the Year

Geoffrey Lowe, MD

- PAS Travel Award for Young Investigator
- Seay Research Award, UT Southwestern Pediatric Emergency Medicine Division

Ngoc Van Horn, MD

- Seay Research Award, UT Southwestern Pediatric Emergency Medicine Division

Beatrix Bansal, MD

- Seay Research Award, UT Southwestern Pediatric Emergency Medicine Division



Pamela Okada, M.D.
2019 Patient & Family
Recognition Award

Nishit Patel, MD and Shashidhar Marneni, MD

- Seay Research Award, UT Southwestern Pediatric Emergency Medicine Division

Jeannette Dodson, MD

- Promotion to Assistant Professor

Lori Pandya, MD

- Promotion to Assistant Professor
- Seay Research Award, UT Southwestern Pediatric Emergency Medicine Division

Ashley Barrile, MD

- Seay Research Award, UT Southwestern Pediatric Emergency Medicine Division

Matthias Manuel, MBBS and Michael Cooper, MD

- Seay Research Award, UT Southwestern Pediatric Emergency Medicine Division

Invited Lectures

Jennifer McConnell, MD

- Emergency Medicine Residents, Maputo, Mozambique (virtual attendance), TX, August 2019
“Respiratory Distress Case Discussion: Stridor and the Pediatric Airway”

Sing-Yi Feng, MD

- Toxicology Grand Rounds, Parkland Memorial Hospital, Dallas, TX, April 2019
“Decomposing Composers: Toxicology and Classical Music”

Vincent J. Wang, MD

- Pediatric Urgent Care Conference, Plano, TX, March 2019
“Bites and Stings”

Pamela Okada, MD

- Highland Park High School Science Symposium, Dallas, TX, January 2019
“You Can Make A Difference! Pediatric Emergency Medicine

Conference Presentations

PEMQBook Board Review Course

Dallas, TX, January 2019

Course Co-Directors: **Pamela Okada, MD** and Calvin Lowe, MD

Course Associate Co-Directors: **Craig Huang, MD** and **Sing-Yi Feng, MD**

Vincent Wang, MD, MHA

Lecture, “Test Taking Strategies”

Pamela Okada, MD

Lecture, "Bites and Stings"

Mohamed Badawy, MD

Lecture, "Trauma: Abdominal and GU"

Jo-Ann Nesiama, MD, MS

Lecture, "Research Methods and Epidemiology I"

Craig Huang, MD

Lecture, "Medical Emergencies: Obstetrics & Gynecology"

Kenneth Yen, MD, MS

Lecture, "Research Methods and Epidemiology II"

Sing-Yi Feng, MD

Lecture, "Toxicologic Emergencies"

Lecture, "Weapons of Mass Destruction"

Susan Scott, MD

Lecture, "Medical Emergencies: Infectious Diseases"

Lecture, "Environmental Emergencies"

Michael Baldovsky, DO, MBA

Lecture, "Dental: Surgical and Trauma"

David Rodriguez, MD

Lecture, "Medical Emergencies: Rheumatology"

Megan Street, MD

Lecture, "Medical Emergencies: Hematology and Oncology"

Michael Cooper, MD

Lecture, "Medical Emergencies: Gastrointestinal"

Halim Hennes, MD

Lecture, "Pre-Hospital and Transport"

Beatrix Bansal, MD

Lecture, "Medical Emergencies: Neurology"

Celebration of Women in Medicine and Science

UT Southwestern, Dallas, TX, February 2019

Tweedle J, Mercado E, Leonard D, **Nesiama JO**.

Poster Presentation, "Clinical Pharmacists is an Academic Pediatric Department: More than Just Prescriptions"

Van Horn, N, Yuan YY, **Scott SM**, **Okada PJ**

Poster Presentation, "Objective Evaluation of a Simulation Course for Residents in the Pediatric Emergency Medicine Department: Breaking Bad News"

PAS (Pediatric Academic Society/Society of Pediatric Research)

Baltimore, MD, April 2019

Lowe G, **Cooper M**, Gerard J

Poster Presentation, "Delayed Diagnosis of Injury in Children"

Nakanishi A, **Van Horn N**, Tweed J, **Huang C**.

Poster Presentation, "Prospective Evaluation of Parental and Staff Satisfaction with the Use of an Emergency Department Subcutaneous Rehydration Clinical Practice Guideline"

Badawy M, Qureshi F, Kwon J, Tweed J.

Poster Presentation, "Diagnostic Utility of Pediatric Appendicitis Score (PAS) in the Evaluation of Children with Suspected Appendicitis"

Nadeem S, Oke O, **Badawy M**, Filkins L, Park J, **Hennes H**.

Poster Presentation, "Effect of Urine Concentration on the Diagnostic Accuracy of Urinalysis for Urinary Tract Infection in Infants"

Other Conferences

Nakanishi A, **Van Horn N**, Tweed J, **Huang C**.

American Academy of Pediatrics, New Orleans, LA, October 2019

Poster Presentation, "Prospective Evaluation on Parental and Staff Satisfaction with the Use of an Emergency Department Subcutaneous Rehydration Clinical Practice Guideline"

Tweedle J, Mercado E, Leonard D, **Nesiama JO**.

Texas Society of Health-System Pharmacists Annual Conference, Frisco, TX, April 2019

Poster Presentation, "The Evaluation of a Pharmacist-driven Review of Urine and Genital Cultures in a Pediatric Emergency Department"

Education and Training

The Division of Pediatric Emergency Medicine provides educational opportunities for medical students, residents, and advanced practice providers, in addition to its fully accredited fellowship program. Our educational activities include didactic lectures covering core PEM curriculum, simulation labs for enhancing clinical and procedural skills, small group discussions, bedside teaching in the ED, and Pediatric Advanced Life Support (PALS).

The faculty educational activities also include educational seminars for other community physicians, advanced practice providers, EMS personnel, and other allied health professionals.

Beginning in September 2019, a new, weekly didactic series began for the residents working in the ED.

Medical Students

The Pediatric Emergency Medicine faculty and fellows are active in providing didactic education to UT Southwestern medical students. The Division offers a third-year medical student shadowing rotation and a fourth-year medical student clerkship that provides in-depth exposure to Pediatric Emergency Medicine through recognition, evaluation, and management of the acutely ill and injured child.

Residents

Major internal educational activities include didactic lectures for the Pediatric residents, as well as Family Medicine and Emergency Medicine residents. Training in the emergency department is often sought by residents from other pediatric training programs in Texas and Oklahoma.

The objectives of the rotation and educational efforts are to:

- Recognize, evaluate, and manage acutely ill and injured pediatric patients
- Evaluate and manage common pediatric complaints and disease processes
- Master technical skills, including lumbar puncture, laceration repair, fracture care and splinting, foreign body removal, and incision and drainage
- Acquire and maintain efficiency and prioritization required to care for multiple patients simultaneously

Requirements for this course include:

- Core competencies: common complaints, disease processes, and technical skills
- Monthly patient lists: chief complaint and diagnosis
- Noon and monthly emergency medicine conferences and Grand Rounds

Education opportunities include:

- Pediatric Emergency Medicine lectures at residents' conferences
- Bedside teaching on the diverse patient population
- Participation at Pediatric Emergency Medicine Fellows' Meetings

Fellows

The well-established Pediatric Emergency Medicine Fellowship Program accepts both pediatric- and emergency medicine-trained residents. The program provides excellent clinical training, includes a comprehensive research curriculum with didactic teaching that covers basic research concepts and statistics, and supports an extensive teaching curriculum to promote their individual growth as educators. The program strives to prepare the fellows to be outstanding clinician-educators, while training them to lead our future in pediatric emergency medicine.

Division faculty have diverse research interests, offering the fellows a unique opportunity to select the appropriate mentor with interests that match theirs. The Research Director and Research Council assist faculty and fellows with their research projects, and both the Fellowship Director and Associate Fellowship Director have Masters level education in research design.

The Division currently has 11 full-time fellows, each with diverse research and administrative interests.



Ashley Barrile, MD
3rd year PEM fellow



Shahid Nadeem, MBBS
3rd year PEM fellow



Asha Tharayil, MD
3rd year PEM fellow



Andrew Boulos, MD
2nd year PEM fellow



Jennifer Deramo, MD
2nd year PEM fellow



Janelle McCall, MD
2nd year PEM fellow



Amit Srivastava, MD
2nd year PEM fellow



Manju Korrattiyil, MD
1st year PEM fellow



Matthias Manuel, MBBS
1st year PEM fellow



Kayleigh McBride, MD
1st year PEM fellow



Lyndsey van der Laan, MD
1st year PEM fellow



Fellows Graduation Luncheon June 2019

Research Activities

The Division of PEM serves a diverse population with broad pediatric pathology and high acuity, providing an opportune environment for clinical research. The mission of the Division is to conduct state of the art clinical research, with an emphasis on improving the clinical care and outcomes of the acutely ill or injured child. The pillars of the research program in the Division include trauma, EMS/pre-hospital management, pain management, clinical decision rules, respiratory care, and neurologic emergencies.

Because of its rich clinical service and broad research interests, the Division has been routinely selected to participate in multicenter, national, and international level studies. The research team has a proven track record of success by becoming one of the top enrolling sites for numerous multicenter, federally funded studies. This year, for its continued dedication, our Division received recognitions at two multi-center NIH-funded investigator conferences.

Of particular note, our Division was selected to join PECARN (the Pediatric Emergency Care Applied Research Network) this year. PECARN is a federally funded pediatric emergency medicine research network which conducts high-priority multi-institutional research. Being selected as a PECARN site is a high honor for the Division. Since joining PECARN in September, the research team has completed enrollment for our first study as an official PECARN site, distinguishing the Division by attaining our enrollment numbers faster than any other site. Our second PECARN study is currently undergoing IRB review and Division faculty have presented four proposals to PECARN for consideration as future studies.

The research infrastructure includes two full-time research coordinators, two full-time research assistants (RA), and two part-time RAs. Research support is present in the Emergency Department 16 hours per day. Research staffing is expected to grow in 2020 with the addition of one full-time and one part-time RA.

The Division's Research Council reviews and oversees all PEM research. The council is led by Dr. Halim Hennes, the Research Director, and is composed of the Division Chief, Fellowship Director, Associate Fellowship Director, Research Coordinator, a member of the Emergency Medicine nursing management and education staff, and select senior PEM faculty. The PEM Research Council's purpose is to review and oversee all PEM research development and implementation, advising faculty interested in initiating research projects in the ED, and guiding the division research staff in prioritizing implementation.

Clinical Activities

Pediatric Emergency Medicine faculty and fellows provide emergency services at Children's Health.

- Our 2019 patient volume for both campuses was 184,804 patient visits (Dallas: 130,375 and Plano: 54,429).
- In Dallas, our overall ED admission rate was 10%.
 - When excluding Fast Track patients, 17% of patients are admitted.
 - Historically, 7% of admitted patients were admitted to one of the intensive care units, reflecting a relatively large number of acutely ill and injured children.
- In Plano, the main ED and Fast Track data are mixed.
 - The overall ED admission rate was 9%. Historically, 13% of these patients are admitted to one of the intensive care units.

Forty percent of hospital admissions typically come through the ED. The Dallas ED is the only Level 1 pediatric trauma center in North Texas, and one of the busiest pediatric emergency medicine clinical services in the country. We also provide emergency care for a variety of complex problems in children with special health care needs.

One pediatric emergency medicine faculty, Dr. Sing-Yi Feng, is also a certified toxicologist. She manages a special Lead Poisoning Clinic at Children's Health and provides toxicology consultation service at Children's Health, Parkland Memorial Hospital, and Clements University Hospital.

Telemedicine Program

The TeleER started in 2015 and has evolved over the past 12 months. We currently serve 11 hospital emergency departments. The furthest outlying hospital is located 417 miles from Dallas. In 2019, we responded to 23 consults.

Patient Statistics

Dallas Main Emergency Department	2016	2017	2018	2019
Annual Volume	70,260	72,757	77,469	74,836
Trauma (Patients meeting trauma criteria)	835	835	797	773
Admissions	12,048	11,954	11,721	12,617
Median time arrival to departure (minutes)	221	258	196	307

Dallas Emergency Department Trauma Statistics	2017	2018	2019
Trauma stat activation	119	90	90
Trauma Alert activation	366	321	318
Trauma consult	329	386	365
Trauma admission	1,372	1,214	1185

Plano Emergency Department	2016	2017	2018	2019
Annual volume	46,553	49,769	51,323	54,429
Admissions	3,647	4,042	3,977	4,694
Median time arrival to departure (minutes)	131	131	167	205

Dallas Fast Track	2016	2017	2018	2019
Annual volume	54,909	57,915	45,669	55,539
Median time arrival to departure (minutes)	146	158	176	198

Current Grant Support

Halim Hennes

Grantor: Health Resources and Services Administration
Title of Project: Pediatric Emergency Care Applied Research Network (PECARN)
Role: Project Lead
Funding: \$138,716 for this year (\$566,750 over 5 years)
Dates: 9/2019 – 8/2020

Mohamed Badawy

Grantor: NIH – NICHD
Title of Project: Validation of Decision Rules for CT Use in Children with Abdominal or Head Trauma
Role: Co-investigator; Site-principal Investigator
Funding: \$64,772 for this year
Dates: 7/2016 – 06/2021

Pamela Okada

Grantor: NIH / National Institute of Neurological Disorders and Stroke
Title of Project: Established Status Epilepticus Treatment Trial (ESETT)
Role: Co-Investigator; Site Principal Investigator
Funding: \$26,000 for this year (\$157,856.48 over 4 years)
Dates: 09/2014 - 08/2019

Kenneth Yen

Grantor: Texas Higher Education Coordinating Board: Emergency and Trauma Care Education Partnership Program
Title of Project: Pediatric Emergency Medicine Fellowship Expansion
Role: Project Lead
Funding: \$77,779 per year
Dates: 5/2016 – 6/2020

Publications

Journals

1. Yuan YY, **Scott S**, **Van Horn N**, Oke O, **Okada P**. [Objective Evaluation of a Simulation Course for Residents in the Pediatric Emergency Medicine Department: Breaking Bad News](#). *Cureus*. 2019 Jan 16;11(1):e3903. PMID: 30911458
2. Pade KH, Agnihotri NT, Vangala S, Thompson LR, **Wang VJ**, Okelo SO. [Asthma specialist care preferences among parents of children receiving emergency department care for asthma](#). *J Asthma*. 2019 Jan 21:1-8. PMID: 30663904
3. Herman MJ, Brown KO, Sponseller PD, et al., **Nesiama JO**, et al. [Pediatric Cervical Spine Clearance: A Consensus Statement and Algorithm from the Pediatric Cervical Spine Clearance Working Group](#). *J Bone Joint Surg Am*. 2019 Jan 2;101(1):e1. PMID: 30601421
4. McKee RS, Schnadower D, Tarr PI, et al., **Yen K**, et al. Predicting Hemolytic Uremic Syndrome and Renal Failure in Shiga Toxin-Producing Escherichia coli Infected Children. *Clin Infect Dis*. 2019 May 24.

5. Ochoa K, Richman J, **Wang VJ**. [LA phonospirometry technique compared to pediatric respiratory assessment measure and peak expiratory flow measurement as a novel technique to assess the severity of an asthma exacerbation.](#) *J Asthma*. 2019 Sep;56(9):959-963. PMID: 30207809
6. Bal A, **Cooper M**, Lee A, Anil M, **Hennes H**. [The Evaluation of Trauma Care: The Comparison of 2 High-Level Pediatric Emergency Departments in the United States and Turkey.](#) *Pediatr Emerg Care*. 2019 Sep;35(9):611-617. PMID: 28419017
7. Williams JA, **Bruce G**, **Patel N**, **Nesiama JA**. [Case 4: Two Children with Presumed Inguinal Hernias.](#) *Pediatr Rev*. 2019 Sep;40(9):491-493. PMID: 31477593
8. Mannix R, Zemek R, Yeates KO, Arbogast K, Atabaki S, **Badawy M**, et al. [Practice Patterns in Pharmacological and Non-Pharmacological Therapies for Children with Mild Traumatic Brain Injury: A Survey of 15 Canadian and United States Centers.](#) *J Neurotrauma*. 2019 Oct 15;36(20):2886-2894. PMID: 31025612
9. Rustici MJ, **Wang VJ**, Dorney KE, Nagler J, Madati PJ, Ziegler P, Roosevelt G. Application of Frequent, Spaced Multiple-choice Questions as an Educational Tool in the Pediatric Emergency Department. *Academic Emergency Medicine Education and Training*. <https://doi.org/10.1002/aet2.10366>
10. Elkhunovich M, **Wang VJ**, Pham P, Arpilleda J, Clingenpeel J, Mansour K, Riech T, **Yen K**, Liu D. Assessing the Utility of Urine Testing in Febrile Infants 2 to 12 Months of Age with Bronchiolitis. *Pediatric Emerg Care*. 2019 Dec. PMID 31804430.
11. Yurtseven A, Ulaş Saz E, **Hennes H**. Safety and Efficacy of High-flow Nasal Cannula Therapy in Pediatric Emergency Department. *J Pediatr Emerg Intensive Care Med*. 2019.
12. **Patel NH**, Hassoun A, Chao JH. The Practice of Obtaining a Chest X-Ray in Pediatric Patients Presenting With Their First Episode of Wheezing in the Emergency Department: A Survey of Attending Physicians. *Pediatr Emerg Care*. 2019 Dec 16.
13. Rees CA, Cruz AT, Freedman SB, et al., **Okada P**, et al. Application of the Bacterial Meningitis Score for Infants Aged 0 to 60 Days. *J Pediatric Infec Dis Soc*. 2019 Dec 27.

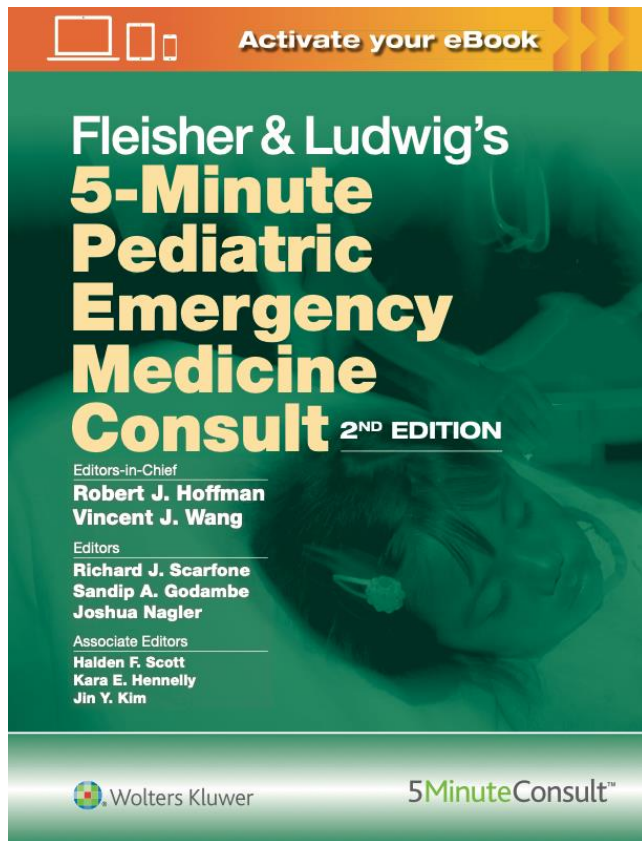
Online Publications

1. John A, **Van Horn NL**. [Case Study: 8-Year-Old With a Murmur and Hypertension.](#) *StatPearls* [Internet]. Treasure Island (FL): StatPearls Publishing; 2019 Jan-2019 Jun 3. PMID: 30020656
2. Weiss S, Williams D, Ying Y, **Nesiama J-A**. Open Globe with Intraocular Foreign Body *Journal of Education & Teaching in Emergency Medicine* [Internet]. Orange (CA): JETem; 2019 January 15.
3. **Van Horn NL**, **Street M**. [Infantile Botulism.](#) *StatPearls* [Internet]. Treasure Island (FL): StatPearls Publishing; 2019 Jan-2019 Feb 17. PMID: 29630230
4. **Van Horn NL**, **Street M**. [Night Terrors.](#) *StatPearls* [Internet]. Treasure Island (FL): StatPearls Publishing; 2019 Jan-2019 Mar 2. PMID: 29630274
5. Lowe G, Ochoa C, Patel A, **Nesiama J-A**. [What is causing an Infant's Facial Swelling?](#) *Consultant360*. April 2, 2019
6. **Tharayil A**, **Gaines N**. Corneal Hydrops Secondary to Advanced Keratoconus. *Consultant360*. August 8 2019.

7. **Tharayil A, Long R, Parikh R.** Bezoar as a Result of Plastikophagia. *Gastroenterology Consultant*.
8. **Patel NH, Marneni S.** [Ranula in a 13-year-old Girl](#). *Consultant360*. Vol. 59, Issue 10 October 2019

Books

1. Hoffman RJ, **Wang VJ** (Editors-in-Chief), Scarfone R, Godambe S, Nagler J, et al. (Eds.), *Fleisher and Ludwig's 5-Minute Pediatric Emergency Medicine Consult* (2nd ed.), September 2019. Wolters Kluwer Health, Philadelphia, PA.



Book Chapters

1. **Rodriguez DM, Nesiama JO, Wang VJ** (2019) "Fever and Serious Bacterial Illness in Infants and Children" In Tintinalli JE, Ma OJ, Yealy DM, Meckler GD, Stapczynski JS, Cline DM, Thomas SH (Eds.) **Tintinalli's Emergency Medicine, 9th ed.**, pp 746-751. McGraw Hill, New York, NY.
2. **Parikh RR, Huang CJ** (2019) "Stridor and Drooling in Infants and Children" In Tintinalli JE, Ma OJ, Yealy DM, Meckler GD, Stapczynski JS, Cline DM, Thomas SH (Eds.) **Tintinalli's Emergency Medicine, 9th ed.**, pp 789-797. McGraw Hill, New York, NY.
3. **Bansal BB** (2019) "Abscess, Perianal/Perirectal" In: Hoffman RJ, **Wang VJ**, Scarfone R, Godambe S, Nagler J, et al. (Eds.), **Fleisher and Ludwig's 5-Minute Pediatric Emergency Medicine Consult 2nd ed.**, pp 14-5. Wolters Kluwer Health, Philadelphia, PA.

4. **Nesiama JO** (2019) "Acne" In: Hoffman RJ, **Wang VJ**, Scarfone R, Godambe S. Nagler J, et al. (Eds.), **Fleisher and Ludwig's 5-Minute Pediatric Emergency Medicine Consult 2nd ed.**, pp 20-1. Wolters Kluwer Health, Philadelphia, PA.
5. **Wang VJ** (2019) "Altered Level of Consciousness/COMA" In: Hoffman RJ, **Wang VJ**, Scarfone R, Godambe S. Nagler J, et al. (Eds.), **Fleisher and Ludwig's 5-Minute Pediatric Emergency Medicine Consult 2nd ed.**, pp 32-3. Wolters Kluwer Health, Philadelphia, PA.
6. **Baldovsky MD** (2019) "Asystole" In: Hoffman RJ, **Wang VJ**, Scarfone R, Godambe S. Nagler J, et al. (Eds.), **Fleisher and Ludwig's 5-Minute Pediatric Emergency Medicine Consult 2nd ed.**, pp 58-9. Wolters Kluwer Health, Philadelphia, PA.
7. **Patel F** (2019) "Cardiomyopathy" In: Hoffman RJ, **Wang VJ**, Scarfone R, Godambe S. Nagler J, et al. (Eds.), **Fleisher and Ludwig's 5-Minute Pediatric Emergency Medicine Consult 2nd ed.**, pp 102-3. Wolters Kluwer Health, Philadelphia, PA.
8. **Cooper M** (2019) "Diabetic Ketoacidosis," In: Hoffman RJ, **Wang VJ**, Scarfone R, Godambe S. Nagler J, et al. (Eds.), **Fleisher and Ludwig's 5-Minute Pediatric Emergency Medicine Consult 2nd ed.**, pp 194-5. Wolters Kluwer Health, Philadelphia, PA.
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