

# Jason Woods, MD

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Assistant Professor  
University of Colorado School of Medicine  
Department of Pediatrics, Section of Emergency Medicine  
jason.woods@cuanschutz.edu

## 1. Personal Information:

*Available upon request*

## 2. Education and Training

2001 – 2005	University of Pittsburgh BS in Bioengineering, <i>Summa Cum Laude</i>
2006 – 2010	University of Virginia Doctor of Medicine
2010 – 2013	University of Colorado Internship and Residency, Pediatrics
2013 – 2016	Children’s National Health System Fellowship, Pediatric Emergency Medicine
2017 – 2019	University of Colorado Academy of Medical Educators Teaching Scholars Program

## 3. Academic appointments

2013 – 2016	Research Instructor The George Washington University School of Medicine and Health Sciences
2016 – Present	Assistant Professor Department of Pediatrics, Section of Emergency Medicine University of Colorado School of Medicine

## 4. Hospital, government, or other professional positions

2016 – Current	Attending Physician, Emergency Medicine Children’s Hospital Colorado, Aurora, CO
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## 5. Honors, special recognitions, awards

2001	Eagle Scout, Boy Scouts of America
2005	University of Pittsburgh Honors College Scholar

- 2005 Keynote Speaker, University of Pittsburgh School of Engineering Graduation Ceremony  
Chosen by faculty panel to deliver keynote address at School of Engineering graduation ceremony to ~ 2000 students, faculty, and family guests
- 2012 Resident Professionalism Award, Children’s Hospital Colorado
- 2016 Excellence in Teaching by a Fellow in the Emergency Department  
Children’s National Health System
- 2019 Gary Way Award, Children’s Colorado All-Faculty Resident Teaching Award  
*“For outstanding teaching by a full-time faculty physician who gives more than they could possibly receive, who teach with honesty and sincerity, consistently putting the needs of their students and house staff ahead of their own”*

## 6. Membership in professional societies

- 2010 – Present American Academy of Pediatrics  
2013 – Present American Academy of Pediatrics, Section on Emergency Medicine  
2013 – 2016 Society of Academic Emergency Medicine  
2013 – 2016 Emergency Medicine Resident Association  
2013 – 2016 American College of Emergency Physicians

## 7. Major Committee and Service Responsibilities

### ***National***

- 2013 – 2016 Pediatric Septic Shock Collaborative, Children’s Hospital Association  
*Physician Champion for Children’s National Health System*
- 2019 – Present Emergency Medical Services for Children, Innovation and Improvement Center,  
*Dissemination Team Member*

### ***Children’s National Health System***

- 2013 – 2016 Sepsis Education Committee, Children’s National Health System  
*Emergency Department Liaison*
- Wrote and instituted e-module to general pediatrics and hematology-oncology floors
  - Contributor to novel multi-user simulation system
- 2014 – 2016 Fellows Committee, Children’s National Health System, *Co-Chair*
- Organized 6-7 yearly lectures on topics important to fellows
  - Organized 2-3 yearly networking events for fellows across all disciplines

### ***Children’s Hospital Colorado/University of Colorado School of Medicine***

- 2010 – 2013 Resident Program Committee, Children’s Hospital Colorado
- 2012 – 2013 House Staff Association Pediatrics Representative, Children’s Hospital Colorado

2017 – Present	University of Colorado/Denver Health Medical Center Emergency Medicine Residency Curriculum Committee
2017 – Present	Associate Director, ED House Staff Education, Children’s Hospital Colorado <ul style="list-style-type: none"><li>▪ Assist with coordinating resident schedules during their ED rotations</li><li>▪ Direct resident education in the ED for trainees in pediatrics, emergency medicine, and family medicine</li><li>▪ Facilitate twice monthly simulation sessions</li></ul>
2018 – Present	Children’s Hospital Colorado ED Pathway Committee <ul style="list-style-type: none"><li>▪ Assist with coordinating resident schedules during their ED rotations</li><li>▪ Direct resident education in the ED for trainees in pediatrics, emergency medicine, and family medicine</li></ul>
2019	Children’s Hospital Colorado IV Fluids Clinical Care Guideline Writing Committee

## 8. Licensure and board certification

*Available upon request*

## 9. Inventions, intellectual property, and patents held or pending

None

## 10. Review and referee work

2017 - Current	Reviewer and Judge – PEMPix, AAP National Conference and Exhibition, Section on Emergency Medicine, Visual Diagnosis Competition
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## 11. Invited extramural lectures, presentations, and visiting professorships

### ***National***

- 1) Pediatric Septic Shock Collaborative, National Conference Call – July 18, 2014. “Progress of the Children’s National Health System Sepsis Program”
- 2) American Academy of Pediatrics National Conference, San Francisco, CA – October 10, 2014. Pediatric Septic Shock Collaborative Meeting. “Novel Pediatric Sepsis E-learning Module”
- 3) PEM Fellows Conference, Chicago, IL – March 10, 2019. “So You Want to Record a Podcast?” Co-presenter: Brad Sobolewski MD. Materials available at: <http://pemcincinnati.com/blog/pem19/>
- 4) PEM Fellows Conference Chicago, IL – March 11, 2019. “Where Did You Learn That? Appraisal and curation of free online asynchronous educational resources.” Co-presenter: Brad Sobolewski MD. Materials available at: <http://pemcincinnati.com/blog/pem19/>

### ***Regional***

- 1) Maryland Regional EMS Advisory Councils and The Maryland Institute for Emergency Medical Services Systems EMS Care Conference 2015. Ocean City, MD – May 3, 2015. “Pediatric Sepsis Recognition and Treatment for Pre-hospital Providers”
- 2) Children’s National Health System 3<sup>rd</sup> Annual Mid-Atlantic Neonatal/Pediatric Care Symposium, Washington, DC – June 10<sup>th</sup>, 2016. “Pediatric Sepsis Recognition and Treatment – A Practical Perspective”
- 3) Children’s Hospital Colorado Emergency Medicine and Trauma Outreach Symposium, Casper, WY – September 9, 2016. “Pediatric Sepsis Recognition and Treatment – A Practical Perspective”
- 4) Children’s Hospital Colorado Emergency Medicine and Trauma Outreach Symposium, Glenwood Springs, CO – October 20, 2016. “Pediatric Sepsis Recognition and Treatment – A Practical Perspective”
- 5) Children’s Hospital Colorado 28<sup>th</sup> Annual O’Neil Pediatric Clinical Update, Aurora, CO – Sept 27, 2018. “Sepsis: Early Recognition and Treatment – What You Need to Know”
- 6) Partnership in Outstanding Pediatric Prehospital Care (POPPC), Aurora, CO – Oct 11, 2019. “Sepsis”
- 7) Partnership in Outstanding Pediatric Prehospital Care (POPPC), Aurora, CO – Oct 11, 2019. “Neonatal Emergencies”

### **Local**

- 1) Children’s Hospital Colorado Pediatric Resident Research Day, Aurora CO – May 10, 2013. Invited Keynote Speaker. “Systemic Inflammatory Response Syndrome Screening in the Pediatric Emergency Department”
- 2) MedStar Georgetown University Hospital / Providence Hospital Family Medicine Residency, Washington, DC – May 5, 2015. “Outdoor and Environmental Emergencies”

## **12. Teaching record**

### **Podcasting**

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|----------------|--|
| 2016 – Present | Little Patients, Big Medicine ( <a href="http://www.littlebigmed.com">www.littlebigmed.com</a> )<br><i>Founder, Host, Editor</i> <ul style="list-style-type: none"><li>▪ Founder of educational podcast focusing on pediatric emergency medicine</li><li>▪ Episodes are interviews with leaders in the field and are published monthly</li><li>▪ Episodes have been downloaded in &gt;50 countries and &gt; 5000 times</li></ul> |
| 2016 – Present | Academic Life in Emergency Medicine ( <a href="http://www.aliem.com">www.aliem.com</a> )<br><i>Podcast host</i><br><i>PECARN liaison</i><br><i>ACEP-EQUAL partnership podcast director</i>   |
| 2018 – Present | Hippo Education ( <a href="http://www.hippoed.com">www.hippoed.com</a> )<br><i>Podcast host</i>  |

*Ad hoc content editor***Courses Developed**

- 2014 Pediatric Sepsis – Computer Based Training Module, *Lead Author*
- Authored an interactive pediatric sepsis recognition and treatment training program taken by ED and Hospitalist staff (~700 users)
  - Instituted nationally by the Pediatric Septic Shock Collaborative (>15 sites, > 2000 users)
- 2016 The George Washington University Hospital Emergency Medicine Residency Inaugural Pediatrics Education Day – January 13, 2016
- Course organizer and designer
  - 4-hour training and simulation workshop for ~100 EM residents
- 2017 – Present Children’s Hospital Colorado Resident Airway Curriculum
- Designed new airway skills training course for pediatrics residents
  - Opt-in program for residents who will require intubation skills in their future careers
  - Total coursework includes 6 hours of pre-course work, 4-hour in person session, and recurrent follow-up skills refreshers

**University Course Instruction**

- 2013 Foundations of Physical Examination, 3<sup>rd</sup> year Medical Student Training  
University of Colorado School of Medicine
- 2013, 2017 – 2019 Critical Care and Procedural Skills, 4<sup>th</sup> year Medical Student Elective  
University of Colorado School of Medicine (Course Number: EMED 80087)
- 2017 – Present Pre-Med/Pre-Health Wilderness & Emergency Medicine Course in Colorado  
University of Colorado, Department of Emergency Medicine, Section of Wilderness and Environmental Medicine  
*Pediatric Faculty/Instructor*
- 2018 – Present Bioengineering Master of Science program  
*Design Project Supervisor*  
*Clinical Shadowing Preceptor*  
University of Colorado Denver, College of Engineering, Design, and Computing,  
Department of Bioengineering

**Major Presentations to Undergraduate Students**

- 2016 – Present University of Colorado School of Medicine Pediatric Problem Based Learning Series  
Facilitation of small group learning for 3<sup>rd</sup> year medical students centered around specific pediatric case discussions
- *Fever (2/17)*
  - *Disasters (5/17)*
  - *Altered Mental Status (2/19)*
- 2016 – Present University of Colorado Denver School of Medicine EPAC Program

Instruction for medical students admitted early to pediatrics residency

- *Basics of Suturing (5/17, 1/19)*

### **Major Presentations to Residents and Fellows**

2013 – 2016

Pediatric Emergency Medicine Resident Education Series

- *Outdoor and Environmental Emergencies*
- *Pediatric Drowning and Fire Injuries*
- *Pediatric Sepsis*

2014 – 2016

Resident Resuscitation Day

- Yearly all-day capstone education event given to pediatrics interns as they transition into 2<sup>nd</sup> year of residency
- Topics directly facilitated:
  - *Chest compressions and CPR*
  - *Intubation*
  - *Shock*

2018

Children's Hospital Colorado Pediatrics Resident Noon Conference Series

- *Sepsis Definitions: What's Changed and What's the Same? (11/17)*
- *How to Give a Bad Presentation (2/18)*
- *Sepsis: Are we still talking about this? (7/19)*

2016 – Present

Children's Hospital Colorado Pediatric Resident Academic Half Days

- Yearly facilitated three 4-hour sessions encompassing the entire pediatrics residency, on emergency medicine topics. Each afternoon comprised of 4 different topics, for which I was responsible for recruiting faculty, planning curricula, and facilitating individual topics.

2016 – Present

Children's Hospital Colorado Pediatric Emergency Medicine Fellowship Lecture Series.

- *Indications for Trauma Procedures (10/17)*
- *Advanced Airway Techniques (8/18)*
- *ENT and Dental Emergencies (9/18)*
- *Bougies: Use and Techniques (6/19)*
- *Cardiac and Pulmonary Emergencies (10/19)*
- *Podcast Journal Club – Finger Thoracostomy (9/19)*
- *Podcast Journal Club – Ultimate BVM (11/19)*

2018 – Present

Children's Hospital Colorado Pediatric Critical Care Fellowship Lecture Series

- *Introduction to Airway Management (7/18, 7/19)*

### **Major Presentations to Nursing**

2014 – 2016

Children's National Health System Nursing New Hire Education Series

- *Diabetic Ketoacidosis (6/14, 6/15, 4/16)*
- *Sepsis (9/17)*

2017 – Present

Children's Hospital Colorado Critical Care Resource Nurses Monthly Education Workshops.

- *Sepsis: Updates in Care and Review of Recent Literature (6/17)*

- *Sepsis: The Return (5/18)*

**Major Presentation to Faculty and Staff**

- 2014 – 2016 Children’s National Health System EM Education Conference  
 Weekly departmental education conference attended by fellows and attendings
- *Journal Club: Dexamethasone for Acute Asthma Exacerbations in Children: A Meta-analysis*
  - *Journal Club: Mortality after Fluid Bolus in African Children with Severe Infection*
  - *Morbidity and Mortality: Infant with Perforated Stomach and Septic Shock*
  - *Question and Answer Series: Shock*
  - *Question and Answer Series: Environmental and Outdoor Emergencies*
  - *Question and Answer Series: Orthopedic and Hand Trauma*
  - *Toxicology: Massive Bupropion Ingestion – Case Features and Role of Lipid Rescue*
- 2014 Children’s National Health System Emergency Medicine/Hospital Medicine Conference.
- *Evaluation of Neonatal Fever*
- 2016 – Present Children’s Hospital Colorado Advanced Clinical Education Series – Ongoing education for APP and Pediatricians
- *Sepsis: Choose Your Own Adventure (4/17)*
  - *Airway Management (11/17)*
  - *Minor Trauma (5/18)*
  - *Psychiatric Emergencies (2/19, 5/19)*

**Mentorship**

- 2013 – 2016 The George Washington University School of Medicine Clinical Apprenticeship Program
- Students mentored: 3
- 2016 – 2019 University of Colorado Denver School of Medicine Clinical Apprenticeship Program
- Students mentored: 3
- 2016 – Present University of Colorado/Children’s Hospital Colorado Pediatrics Resident Mentorship Program
- Residents to date: 3

**13. Grant support**

- 2015 Co-Investigator – The George Washington University School of Medicine and Health Science Education Research Grant
- “Multi-Institutional Evaluation of the Effectiveness of a Novel Pediatric Sepsis Asynchronous Online Learning Module”
  - Award: \$10,000
  - PI: Pavan Zaveri MD, MEd

- 2015 Co-Investigator – Patient Safety Grant, Children’s National Health System
- “Emergency department quality improvement for pediatric sepsis”
  - Award: \$48,824
  - PI: Paul Mullan MD, MPH
- 2017 Co-Investigator – Quality Improvement Small Grants, Children’s Hospital Colorado
- “Emergency Department Airway Management Quality Improvement”
  - Award: \$14,879
  - PI: Tara Neubrand, MD
- 2019 Co-Investigator – U03MC00007-19-00, Maternal Child Health Bureau
- Emergency Medical Services for Children (EMSC) Network for the sustainability of a Pediatric Emergency Care Applied Research Network
  - PI: Peter Dayan

## 14. Bibliography

### *Original, peer-review research articles*

- 1) Scott HF, Deakyne SJ, **Woods JM**, Bajaj L. The Prevalence and Diagnostic Utility of Systemic Inflammatory Response Syndrome Vital Signs in a Pediatric Emergency Department. *Academic Emergency Medicine*, 2015; 22(4): 381-9. PMID: 25778743.
- 2) **Woods, JM**, Scott H, Zaveri P. “Creating Consensus Educational Goals for Pediatric Sepsis via Multicenter Modified Delphi”. *Academic Emergency Medicine Education and Training*. 2018 Sep 17;2(4):254-258. PMID: 30386834
- 3) **Woods, JM**, Scott H, Mullan P, Zaveri P, et al. “Using an eLearning Module to Facilitate Sepsis Knowledge Acquisition Across Multiple Institutions and Learner Disciplines”. *Pediatric Emergency Care*. E-pub ahead of print, Aug 23, 2019. PMID: 31464879.
- 4) Neubrand TL, Alletag M, Adema A, **Woods JM**, Mendenhall M, Schmidt S. “Breathing Easier: An Airway Safety Bundle to Decrease Intubation Associated Adverse Events in the Pediatric Emergency Department and Urgent Care Setting”. *Pediatric Quality and Safety*. 2019 Dec 6:4(1-8). DOI: 10.1097/pq9.0000000000000230

### *Book chapters*

- 1) **Woods JM**. Altitude Illness. In *Fleisher and Ludwig’s 5-Minute Pediatric Emergency Medicine Consult*. Hoffman RJ, Wang VJ, Scarfone RJ, (eds). 2nd ed., Wolters Kluwer, Philadelphia, 2019. 34-35.
- 2) **Woods JM**. Bacteremia. In *Fleisher and Ludwig’s 5-Minute Pediatric Emergency Medicine Consult*. Hoffman RJ, Wang VJ, Scarfone RJ, (eds). 2nd ed., Wolters Kluwer, Philadelphia, 2019. 66-67.
- 3) **Woods JM**. Cushing Syndrome. In *Fleisher and Ludwig’s 5-Minute Pediatric Emergency Medicine Consult*. Hoffman RJ, Wang VJ, Scarfone RJ, Nagler J, Godambe SA (eds). 2nd ed., Wolters Kluwer, Philadelphia, 2019. 166-167.
- 4) **Woods JM**. Erythema Nodosum. In *Fleisher and Ludwig’s 5-Minute Pediatric Emergency Medicine Consult*. Hoffman RJ, Wang VJ, Scarfone RJ, (eds). 2nd ed., Wolters Kluwer, Philadelphia, 2019. 274-275.
- 5) Wiersma A and **Woods JM**. Elbow Fractures. In *Fleisher and Ludwig’s 5-Minute Pediatric Emergency Medicine Consult*. Hoffman RJ, Wang VJ, Scarfone RJ, (eds). 2nd ed., Wolters Kluwer, Philadelphia, 2019. 330-331.

### *Digital Scholarship*



*Online articles and blogs*

- 1) **Woods JM**, Zaveri P. "Hot Seat: Left Ventricular Non-Compaction". PEMAcademy. October 20, 2014. <http://www.pemacademy.com/hot-seat-45-4yo-f-with-edema/>
- 2) **Woods JM**, Brown K. "Hot Seat: Dermatomyositis". PEMAcademy. September 14, 2015. <http://www.pemacademy.com/hot-seat-61-3yo-m-pw-fatigue-and-brown-urine/>
- 3) **Woods, JM**. "Shock". Pediatric Care Online, AAP Point-of-Care Quick Reference. December 17, 2016. <https://pediatriccare.solutions.aap.org>
- 4) **Woods, JM**. "PEM Pearls: Pediatric Sepsis Management Basics". Academic Life in Emergency Medicine. March 1, 2017. <https://www.aliem.com/2017/pem-pearls-pediatric-sepsis-management-basics>
- 5) **Woods, JM**. "PEM Pearls: Treatment of Pediatric Diabetic Ketoacidosis and the Two-Bag Method". Academic Life in Emergency Medicine. July 3, 2017. <https://www.aliem.com/2017/07/pediatric-diabetic-ketoacidosis-two-bag-method/>
- 6) Flood S, **Woods JM**. "Strep Pharyngitis in Children: Review of the 2012 IDSA Guidelines". Academic Life in Emergency Medicine. July 15, 2019. <https://www.aliem.com/2019/07/strep-pharyngitis-pediatric-idsa-2012-guidelines/>

*Podcasts and other audiovisual*

- 1) **Woods, JM**. "ACEP E-QUAL: Avoidable Imaging Series with Drs. Klauer, Lindor, and Kline" ACEP-EQUAL Podcast Series. March 1, 2017. Academic Life in Emergency Medicine. <https://soundcloud.com/academic-life-in-em/acep-equal-avoidable-imaging-klauer-lindor-kline>
- 2) **Woods, JM**. "ACEP E-QUAL: New Recommendations from Surviving Sepsis Campaign with Dr. Evans and Osborne" ACEP-EQUAL Podcast Series. April 1, 2017. Academic Life in Emergency Medicine. <https://soundcloud.com/academic-life-in-em/acep-e-equal-new-recommendations-surviving-sepsis-campaign?in=academic-life-in-em/sets/acep-e-equal-series-on-quality>
- 3) **Woods, JM**. "ACEP E-QUAL: Working with Radiology to Reduce Avoidable Imaging" ACEP-EQUAL Podcast Series. June 22, 2017. Academic Life in Emergency Medicine. <https://soundcloud.com/academic-life-in-em/acep-e-equal-working-with-radiology-reduce-avoidable-imaging>
- 4) **Woods JM**. "LIN Session - Peds Ortho Emergencies, Urgencies, and This Can Wait". Emergency Medicine Reviews and Perspectives. July 2017, Ch 21. <https://www.emrap.org/episode/sugarupphomeo2/linsessionpeds>
- 5) **Woods, JM**. "ACEP-EQUAL: Chest Pain - Risk Stratification Scores and Shared Decision Making" ACEP-EQUAL Podcast Series. July 20, 2017. Academic Life in Emergency Medicine. <https://soundcloud.com/academic-life-in-em/acep-e-equal-working-with-radiology-reduce-avoidable-imaging>
- 6) **Woods JM**. "ACEP-EQUAL: Chest Pain Biomarkers" ACEP-EQUAL Podcast Series. August 18, 2017. Academic Life in Emergency Medicine. <https://soundcloud.com/academic-life-in-em/acep-equal-chest-pain-biomarkers>
- 7) **Woods JM**. "ACEP-EQUAL: Non-Traumatic Back Pain" ACEP-EQUAL Podcast Series. September 26, 2017. Academic Life in Emergency Medicine. <https://soundcloud.com/academic-life-in-em/acep-equal-non-traumatic-back-pain>
- 8) **Woods JM**. "ACEP-EQUAL: CT usage in Renal Colic and Pulmonary Embolism" ACEP-EQUAL Podcast Series. January 8, 2018. Academic Life in Emergency Medicine. <https://soundcloud.com/academic-life-in-em/acep-equal-renal-colic-pulmonary-embolism-ct>
- 9) **Woods JM**. "ACEP-EQUAL: Antibiotic Stewardship in Sepsis" ACEP-EQUAL Podcast Series, January 18, 2018. Academic Life in Emergency Medicine. <https://soundcloud.com/academic-life-in-em/acep-equal-antibiotic-stewardship-dr-epstein>
- 10) **Woods JM**. "ACEP-EQUAL: Antibiotic Review" ACEP-EQUAL Podcast Series. January 22, 2018. Academic Life in Emergency Medicine. <https://soundcloud.com/academic-life-in-em/acep-equal-antibiotics-review>.

- 11) **Woods JM.** "Orthopedics Injuries in Non-accidental Trauma". Peds RAP. March 2018, Ch 4.  
<https://www.hippoed.com/peds/rap/episode/carpediarrhea/orthopedic>
- 12) **Woods JM** and Behar S. "Tick Borne Illness". Peds RAP. June 2018, Chs 4 & 6. Hippo Education.  
<https://www.hippoed.com/peds/rap/episode/pedsrapjune2018/tickborne>
- 13) **Woods JM** and Behar S. "Tick Borne Illness". Urgent Care RAP. July 2018, Chs 3 & 10. Hippo Education.  
<https://www.hippoed.com/urgentcare/rap/episode/urgentcarerap4/tickborne>
- 14) **Woods JM.** "Urinalysis Accuracy for Infants <60 Days of Age". gary Podcast Series, September 17, 2018. Academic Life in Emergency Medicine. <https://soundcloud.com/academic-life-in-em/sets/pecarn>
- 15) **Woods JM**, Spangler M, Behar S. "Altered Mental Status in Kids". Peds RAP. September 2018, Chs 3 & 5. Hippo Education. <https://www.hippoed.com/peds/rap/episode/theministryof/altermental>
- 16) **Woods JM.** "ACEP EQUAL: Making Dollars & Sense of Stress Testing". ACEP-EQUAL Podcast Series, September 26, 2018. Academic Life in Emergency Medicine. <https://soundcloud.com/academic-life-in-em/acep-equal-making-dollars-sense-stress-testing-newby-kontos>
- 17) **Woods JM.** "ACEP EQUAL: Chest Pain Protocols & Coordinated Care Pathways". ACEP-EQUAL Podcast Series, September 26, 2018. Academic Life in Emergency Medicine. <https://soundcloud.com/academic-life-in-em/acep-equal-chest-pain-protocols-coordinated-care-pathways-hess-peacock-mahler>
- 18) **Woods JM**, Delaney M, Behar S. "The Agitated Psychiatric Patient". Peds RAP. October 2018, Ch 6. Hippo Education. <https://www.hippoed.com/peds/rap/episode/premature/theagitated>
- 19) **Woods JM**, Behar S. "Preseptal Cellulitis". Peds RAP. November 2018, Ch 3. Hippo Education. <https://www.hippoed.com/peds/rap/episode/hamburgeranda/preseptal>
- 20) **Woods JM**, Soranno D. "Nephrotic Syndrome". Peds RAP. January 2019, Chapter 11. Hippo Education, 2019. <https://www.hippoed.com/peds/rap/episode/walkertoddler/nephrotic>
- 21) **Woods JM**, Mason J. "The Neonatal Stool Rainbow". Emergency Medicine Reviews and Perspectives. February 1, 2019. <https://www.emrap.org/episode/emrap20192/theneonatal>
- 22) **Woods JM**, Nokoff N. "Disorders of Sex Development" Peds RAP. February 2019, Chapter 6. Hippo Education, 2019. <https://www.hippoed.com/peds/rap/episode/sparetherod/disordersofsex>
- 23) **Woods JM.** "ACEP EQUAL: Making Sense of High Sensitivity Troponin" ACEP-EQUAL Podcast Series, June 4, 2019. Academic Life in Emergency Medicine. <https://soundcloud.com/academic-life-in-em/acep-equal-making-sense-of-high-sensitivity-troponin>
- 24) **Woods JM**, **Mason J.** "Neonatal Metabolic Emergencies". Emergency Medicine Reviews and Perspectives. July 1, 2019. <https://www.emrap.org/episode/emrap2019july/neonatal>
- 25) **Woods JM.** "ACEP E-QUAL: Implementing High Sensitivity Troponin." ACEP E-QUAL Podcast Series. July 16, 2019. Academic Life in Emergency Medicine. <https://soundcloud.com/academic-life-in-em/acep-equal-implementing-high-sensitivity-troponin-mahler-diercks-baugh>
- 26) **Woods JM.** "ACEP EQUAL: Appropriate Use Guidelines for CV Imaging". ACEP E-QUAL Podcast Series. July 21, 2019. Academic Life in Emergency Medicine. <https://soundcloud.com/academic-life-in-em/acep-equal-appropriate-use-guidelines-for-cardiovascular-imaging?in=academic-life-in-em/sets/acep-equal-series-on-quality>
- 27) **Woods JM.** "ACEP E-QUAL: Avoidable Imaging Success Story". ACEP E-QUAL Podcast Series. July 24, 2019. <https://soundcloud.com/academic-life-in-em/acep-equa-avoidable-imaging-success-story>
- 28) **Woods JM.** "ACEP E-QUAL: Suspected Acute Venous Thromboembolism". ACEP E-QUAL Podcast Series. August 14, 2019. <https://soundcloud.com/academic-life-in-em/acep-equal-acute-vte>
- 29) **Woods JM.** "ACEP E-QUAL: Thoracic Aortic Dissection". ACEP E-QUAL Podcast Series. August 27, 2019. <https://soundcloud.com/academic-life-in-em/acep-equal-tad>
- 30) **Woods JM.** "ACEP E-QUAL: Renal Colic Imaging". ACEP E-QUAL Podcast Series. August 30, 2019. <https://soundcloud.com/academic-life-in-em/acep-equal-renal-colic-imaging>
- 31) **Woods JM.** "ACEP E-QUAL: Occipital Nerve Block and Low PS for Headaches". ACEP E-QUAL Podcast Series. Sept 12, 2019. <https://soundcloud.com/academic-life-in-em/acep-equal-occipital-and-low-ps>
- 32) **Woods JM.** "ACEP E-QUAL: Sepsis-1 National Quality Measure and EQUAL". ACEP E-QUAL Podcast Series. Oct 8, 2019. <https://soundcloud.com/academic-life-in-em/acep-equal-sepsis-1-national-quality-measure-and-equal>

- 33) **Woods JM** and Behar S. "MOCA: Pneumothorax" Peds RAP. January 2020, Chapter 11. Hippo Education, 2020. <https://www.hippoed.com/peds/rap/episode/yearoftheeye/moca>
- 34) Nakano T and **Woods JM**. "Broken Bone Marrow Part 1: Cytopenias" Peds RAP. January 2020, Chapter 3. Hippo Education, 2020. <https://www.hippoed.com/peds/rap/episode/yearoftheeye/brokenbone>
- 35) Nakano T and **Woods JM**. "Broken Bone Marrow Part 2: Aplastic Anemia". Peds RAP. January 2020, Chapter 5. Hippo Education, 2020. <https://www.hippoed.com/peds/rap/episode/yearoftheeye/brokenbone1>

*Mobile app or other online resources*

- 1) PECARN Publication Prospectus – co-author. Online app summary of all PECARN publications. Available at: <https://www.aliem.com/2019/07/p3-app-pecarn-publication-prospectus/>

**Posters, Abstracts, Presentations at Scientific Meetings**

*Competitive*

- 1) Burgreen, Greg. Wang DH, **Woods J**, Douglas Smith "In-silico Prototyping of the TandemHeart Pediatric Pump" Poster. American Society of Artificial Implantable Organs 52<sup>nd</sup> Annual Conference, June 2006, Chicago, IL.
- 2) Scott, Halden. Deakyne S, **Woods JM**, Bajaj L. "Prevalence and Clinical Outcomes of Systemic Inflammatory Response Syndrome in the Pediatric Emergency Department" Poster, Pediatric Academic Society Annual Meeting, May 2013, Washington, DC.
- 3) Mullan, Paul. **Woods JM**, et al. "Improving Pediatric Sepsis Care in a Pediatric Emergency Department" Poster, Academy for Health Care Improvement, Oct 2015, Alexandria, VA.
- 4) **Woods JM**, et al. "Improving Sepsis Knowledge: A National Collaborative Experience" Poster, Pediatric Academic Society Annual Meeting, May 2016, Baltimore, MD.
- 5) **Woods JM**, Mahar P, Neubrand TL, Schmidt S, Druck J. "Improving Pediatric Resident Intubation: Development and Implementation of a New Curriculum" Poster, University of Colorado Denver Education Scholarship and Innovation Symposium, March 3, 2018. Aurora, Colorado.
- 6) Neubrand TL, Alletag M, Adema A, **Woods JM**, Mendenhall M, Schmidt S. "Breathing Easier: An Airway Safety Bundle to Decrease Intubation Associated Adverse Events" Poster, Pediatric Academic Society Annual Meeting, May 2019, Baltimore, MD.
- 7) **Woods JM**, Mahar P, Neubrand TL, Schmidt S, Druck J. "Improving Pediatric Resident Intubation: Development and Implementation of a New Curriculum" Poster. University of Colorado School of Medicine Department of Pediatrics Annual Education Retreat. October 11, 2019. Aurora, Colorado.

*Non-competitive*

- 1) None