

CURRICULUM VITAE

Date of Revision: Aug 2022

Name: Antonio Riera, M.D.

Proposed for Reappointment to: Associate Professor, Department of Pediatrics, Section of Emergency Medicine, Clinician-Educator Track, with a Secondary Appointment in the Department of Emergency Medicine

Term: July 1, 2021 to June 30, 2026

School: Yale University School of Medicine

Reason for Reappointment: (to be written by department chair or section chief; inserted after candidate submits materials to Department)

Education:

B.A. Princeton University (Economics) 2000
M.D. Boston University School of Medicine 2004

Career/Academic Appointments:

2004-2007 Resident, Pediatrics, New York Presbyterian Hospital-Weill Cornell, New York, NY
2007-2010 Clinical Fellow, Pediatric Emergency Medicine, Yale-New Haven Hospital, New Haven, CT
2008-2010 Clinical Instructor, Pediatrics, New York Presbyterian Hospital-Weill Cornell, New York, NY
2010-2016 Assistant Professor of Pediatrics (Emergency Medicine) and of Emergency Medicine, Yale University School of Medicine, New Haven, CT
2016-present Associate Professor of Pediatrics (Emergency Medicine) and of Emergency Medicine, Yale University School of Medicine, New Haven, CT

Administrative Positions:

2010-2014 Director, Yale Pediatrics and Medicine-Pediatrics Emergency Rotations, New Haven, CT
2011-2015 Director, Yale Pediatrics Clerkship, Yale Physician Associate Program, New Haven, CT
2011-2019 Director, Yale Advanced Pediatric Emergency Medicine Elective, New Haven, CT
2011-present Director, Pediatric Emergency Medicine Ultrasound, New Haven, CT
2013-present Director, INSPIRAR project, including website development / management of asmaplan.com
2019-present Director, Yale Pediatric Emergency Medicine Ultrasound Fellowship Program, New Haven, CT
2021-present Education Chair, Pediatric POCUS Network (<https://p2network.com/>)

Board Certifications:

American Board of Pediatrics-General Medicine, 2007
American Board of Pediatrics-Pediatric Emergency Medicine, 2011

Professional Honors & Recognition

International/National/Regional

2013: Gallery of Excellence Abstract Award, Society for Academic Emergency Medicine
2012: Top 10 Article of the Year, American Academy of Pediatrics - Section on Emergency Medicine

2010: Young Investigator Travel Award, Pediatric Academic Societies
2010, 2009: Trainee Travel Award, Eastern Society for Pediatric Research

University

2022: Yale Pediatric Residency *Section Teaching* Award
2020: Yale Pediatric Residency *Honor Roll*
2018-2019: Yale Pediatric Residency *Section Teaching* Award
2018: Yale Pediatric Emergency Medicine “Great Catch” Staff Recognition
2017-2018: Yale Pediatric Residency *Section Teaching* Award
2013: Top Rated Speaker, 11th Annual Yale Pediatric Update Conference
2010-present: Yale Medical Staff Service Excellence – annual recognition (multiple)
2010: Yale Outstanding Teaching Award – Yale University School of Medicine
2007: Teacher of the Year Award – Weill Cornell Medical College

Grant History:

Past Grants

Agency: Child Health and Development Institute of Connecticut and Yale Center for Clinical Investigation
ID#: N/A
Title: “The impact of limited English proficiency on asthma action plan use”
P.I.: Antonio Riera, M.D.
Percent effort: 10%
Total costs for project period: \$100,000
Project period: 07/01/2011 – 06/30/2013

Agency: Yale Pediatric Faculty Development Program Grant
ID#: N/A
Title: “The impact of limited English proficiency on asthma action plan use”
P.I.: Antonio Riera, ND
Percent effort: 10%
Total cost: \$3500
Project period: 07/01/2011 – 06/30/2012

Invited Speaking Engagements, Presentations, Symposia & Workshops Not Affiliated With Yale:

International/National

2022: Pediatric POCUS Educational Collaborative (PEPEC) – Invited Session Facilitator
“The Pediatric Rush exam” 8/17
2022: European Society for Emergency Medicine Webinar “Point-of-Care Ultrasound to Detect Skull Fractures in Pediatric Closed Head Injury” 6/30
2022: Asociación Nacional Mexicana de Urgencias/Emergencias Pediátricas – Simposium Internacional
“Evaluación ocular con ecografía para emergencias pediátricas” 4/16
2022: Pediatric POCUS Educational Collaborative (PEPEC) – Invited Session Facilitator
“POCUS for NICU emergencies” 4/7
2022: Pediatric POCUS Educational Collaborative (PEPEC) – Invited Session Facilitator
“Not Nerve Blocks” 3/3
2022: Pediatric POCUS Educational Collaborative (PEPEC) – Invited Session Facilitator
“Initial Looks May Be Deceiving” 1/27
2022: Pediatric POCUS Educational Collaborative (PEPEC) – Invited Presenter

- 2021: “FAST, Bladder POCUS, Abdominal Distension, and Biliary” 1/13
Universidad Dominicana O&M Medical School Webinar
- 2021: “Ultrasonido Para Diferenciar Enfermedad Severa en niños” 11/15
Pediatric POCUS Educational Collaborative (PEPEC) – Invited Session Facilitator
- 2021: “POCUS strategies for implementation, sustainability, collaboration, and evolution” 10/28
Pediatric POCUS Educational Collaborative (PEPEC) – Invited Session Facilitator
- 2021: “Musculoskeletal POCUS” 9/23
Pediatric POCUS Educational Collaborative (PEPEC) – Invited Session Facilitator
- 2021: “Controversies in Lung POCUS”
Pediatric POCUS Educational Collaborative (PEPEC): “Clinical and Administrative Challenges (Part 1)” National Panel of Pediatric POCUS leaders – Invited Presenter
- 2021: Pediatric POCUS Educational Collaborative (PEPEC): “Clinical Conundrums” National Panel of Pediatric POCUS leaders – Invited Presenter
- 2020: Pediatric POCUS Educational Collaborative (PEPEC): “Esophageal FB Cases” National Panel of Pediatric POCUS leaders – Invited Presenter
- 2020: New England POCUS Educational Collaborative (NEPEC): “POCUS Cases” Regional Panel of Pediatric POCUS leaders in the Northeast – Invited Presenter
- 2019: Advanced Emergency and Acute Care Medicine Conference, Instructor, Atlantic City, New Jersey: “PEM SonoSurf Games” – Invited Competition Moderator
- 2016: Annual Meeting, AAP National Conference & Exhibition, San Francisco, CA: “Pedi SonoFest” - Invited Competition Moderator
- 2016: Annual Meeting, AAP National Conference & Exhibition, San Francisco, CA: “Improving care for the emergent and critically ill pediatric patient” - Ultrasound Invited Workshop Instructor
- 2015: Annual Meeting, AAP National Conference & Exhibition, Washington, D.C.: “Improving care for the emergent and critically ill pediatric patient” - Ultrasound Invited Workshop Instructor
- 2010: Annual Meeting, AAP National Conference & Exhibition, San Francisco, CA: “Ultrasound in the pediatric emergency department” - Invited Workshop Instructor

Regional

- 2021: POCUS Grand Rounds, Columbia University Medical Center - New York, NY: “Pediatric POCUS Evaluation of the Suprapatellar Bursa; What Do I Really Need to Know?” – Invited Grand Rounds Presenter
- 2020: Northeastern POCUS Educational Collaborative (NEPEC): “POCUS Surprises” Panel of Pediatric POCUS leaders from CT, RI, MA, NY, and NJ – Invited Presenter
- 2019: New England Point-of-Care Ultrasound Course, Newport, Rhode Island: “Knobology, FAST, Gall Bladder/Renal, Musculoskeletal” – Invited Workshop Instructor
- 2019: Pediatric Point-of-Care Ultrasound Workshop, Providence, Rhode Island: “What’s Next: Developing and Maintaining your POCUS Skills.” – Invited Presenter
- 2018: New England Point-of-Care Ultrasound Course, Newport, Rhode Island: “POCUS evaluation of the pediatric abdomen” – Invited Presenter
- 2017: Pediatric Emergency Medicine and Critical Care Fellows’ Ultrasound Workshop, Providence, Rhode Island: “Pediatric point-of-care lung ultrasound” – Invited Presenter
- 2017: New Haven Sponsor Hospital Program, New Haven: “Pediatric Emergency Jeopardy” – Invited Presenter
- 2016: Annual Meeting, American Institute of Ultrasound in Medicine, New York, NY: “Sonography Teaching Master Class: Physician Experts Discuss How to Orchestrate Sonography Teaching for Physicians That Leads to Standing Ovations and Encores” – Invited Presenter

- 2016: Pediatric Emergency Medicine and Critical Care Fellows' Ultrasound Workshop, Providence, Rhode Island: "Point of care evaluation of the pediatric abdomen: intussusception, pyloric stenosis, appendicitis" – Invited Presenter
- 2015: Pediatric Emergency Medicine and Critical Care Fellows' Ultrasound Workshop, Providence, Rhode Island: "Point of care evaluation of the pediatric abdomen: intussusception, pyloric stenosis, appendicitis" – Invited Presenter
- 2015: Stamford Hospital: "Pediatric Status Asthmaticus" – Invited Simulation Instructor
- 2013: Emergency Medicine Research Conference, Weill-Cornell - New York, NY: "Ultrasound evaluation of intussusception for pediatric emergency medicine physicians" – Invited Presenter
- 2012: Pediatric Grand Rounds, Barnabas Hospital - New York, NY: "From head to toe: a case series of pediatric emergencies" – Invited Grand Rounds Presenter
- 2010: New Haven Sponsor Hospital Program, New Haven: "Anaphylaxis update" – Invited Presenter
- 2010-2015: Annual Residency Training, Stamford Hospital: "Introduction to emergency ultrasound" – Invited Presenter and Workshop Instructor

Peer-Reviewed Presentations & Symposia Given at Meetings Not Affiliated with Yale:

International/National

- 2022: P2 Network Conference, New Orleans, LA "P2 Education Updates"
- 2022: American Institute of Ultrasound in Medicine Conference, San Diego, CA "Case Series: Ultrasound-Guided Fascia Iliaca Compartment Nerve Blocks in the Pediatric Emergency Department"
- 2021: Annual Meeting AAP National Conference & Exhibition, Philadelphia, PA "Perforated Appendicitis Diagnosed by Timely Point-of-care Ultrasound Quality Assurance Review at a Children's Hospital Tertiary Care Center."
- 2021: Annual Meeting AAP National Conference & Exhibition, Philadelphia, PA "The Feasibility of Using Point-of-care Ultrasound (POCUS) for Cardiac Arrest in the Pediatric Emergency Department: Rapid Apical Contractility Evaluation (RACE)."
- 2019: Annual Meeting, Pediatric Academic Societies Baltimore, MD: "Reevaluation of FAST sensitivity in pediatric blunt abdominal trauma patients: should we redefine the qualitative threshold for significant hemoperitoneum?"
- 2019: Annual Meeting, Society for Academic Emergency Medicine, Las Vegas, NV: "Reevaluation of FAST sensitivity in pediatric blunt abdominal trauma patients: should we redefine the qualitative threshold for significant hemoperitoneum?"
- 2017: Annual Meeting, Pediatric Academic Societies, San Francisco, CA: "Evaluation of a Focused Cardiac Ultrasound Protocol in a Pediatric Emergency Department"
- 2015: Annual Meeting, AAP National Conference & Exhibition, Washington D.C.: "Asthma knowledge gained after an educational video targeted at limited English proficiency asthma caregivers."
- 2015: Annual Meeting, Society for Academic Emergency Medicine, San Diego, CA: "Asthma knowledge gained after an educational video targeted at limited English proficiency asthma caregivers."
- 2015: PEDS: RAP Audio Podcast: Episode 4, May 2015 "Nasal Foreign Body Removal" – Monthly CME approved podcast.
- 2014: Annual Meeting, Eastern Society for Pediatric Research, Philadelphia, PA: "Latino parent engagement with a community-based center asthma education fair."
- 2013: Annual Meeting, Society for Academic Emergency Medicine, Atlanta, GA: "Latino caregiver experiences with asthma health communication: A qualitative evaluation." – 1 of 6 **plenary presentations** selected from 1,224 submitted abstracts

- 2013: Annual Meeting, Pediatric Academic Societies, Washington D.C.: “Latino caregiver experiences with asthma health communication: A qualitative evaluation.”
- 2013: Annual Meeting, Eastern Society for Pediatric Research, Philadelphia, PA: “Latino caregiver experiences with asthma health communication: A qualitative evaluation.”
- 2012: Annual Meeting, Eastern Society for Pediatric Research, Philadelphia, PA: “The impact of limited English proficiency on asthma action plan use.”
- 2012: Annual Meeting, Society for Academic Emergency Medicine, Chicago, IL: “The impact of limited English proficiency on asthma action plan use.”
- 2010: Annual Meeting, Eastern Society for Pediatric Research, Philadelphia, PA: “Ultrasound evaluation of skull fractures in children.”
- 2010: Annual Meeting, AAP National Conference & Exhibition, Pediatric Emergency Medicine Pix Competition, San Francisco, CA: “Hemorrhagic Urticaria”
- 2010: Annual Meeting, Pediatric Academic Societies, Vancouver, Canada: “Ultrasound evaluation of skull fractures in children.”
- 2009: Annual Meeting, AAP National Conference & Exhibition, Pediatric Emergency Medicine Pix Competition, San Francisco, CA: “Sternoclavicular Dislocation”
- 2009: Annual Meeting, Eastern Society for Pediatric Research, Philadelphia PA: “Ultrasound evaluation of the saphenous vein in children.”
- 2007: Resident Teaching Conference, Mwanza Tanzania: “Pediatric EKG interpretation”
- 2007: Resident Teaching Conference, Mwanza, Tanzania: “Children and severe malnutrition”

Regional

- 2012: Annual Meeting, Society for Academic Emergency Medicine Regional Conference, Springfield, MA: “The impact of limited English proficiency on asthma action plan use.”

Journal Service:

Reviewer

- 2021-present Reviewer for *The Ultrasound Journal*
- 2018-present Reviewer for *Patient-Centered Outcomes Research Institute*
- 2017-present Reviewer for *Journal of Immigrant and Minority Health*
- 2016-present Reviewer for *Academic Emergency Medicine*
- 2016-present Reviewer for *BMC Pediatrics*
- 2015-present Reviewer for *Journal of Pediatrics*
- 2015-present Reviewer for *Children’s Health Care*
- 2015-present Reviewer for *Journal of Public Health Research*
- 2014-present Reviewer for *Journal of Healthcare of Poor and Underserved*
- 2013-present Reviewer for *Journal of Asthma*
- 2013-present Reviewer for *Pediatrics*
- 2012-present Reviewer for *Pediatric Emergency Care*
- 2011 Reviewer, “FAST Exam for Splenic Injury” chapter in textbook: Case studies in Pediatric and Critical Care Ultrasound (ed: McLario, Kendall)
- 2011 Reviewer, “Pulseless Electrical Activity” chapter in textbook: Case studies in Pediatric and Critical Care Ultrasound (ed: McLario, Kendall).

Professional Service for Professional Organizations:

The Ohio State University College of Medicine

- 2022 Recommendation letter of support requested and completed for faculty member Dr. Delia Gold promotion to Associate Professor

Emory University / Children's Healthcare of Atlanta

2022 Recommendation letter of support requested and completed for faculty member Dr. Stephanie Cohen promotion to Associate Professor

Harvard Medical Center / Boston Children's Hospital

2022 Recommendation letter of support requested and completed for faculty member Dr. Cynthia Gravel promotion to Assistant Professor

Ultrasound Gel Jr. Podcast (<https://www.ultrasoundgel.org>)

2021 Expert Content Reviewer

Connecticut Children's Medical Center

2020 Recommendation letter of support requested and completed for faculty member Dr. Henry Chicaiza promotion to Associate Professor

Columbia University Medical Center

2020 Provided referee letter for visa application in support of a Pediatric Emergency Ultrasound Fellowship applicant, Dr. Munaza Rizvi

2020 Recommendation letter of support requested and completed for faculty member Dr. Lorraine Ng promotion to Associate Professor

Eastern Society for Pediatric Research

2016 Abstract Reviewer (reviewed over 30 abstracts)

American Academy of Pediatrics

2015-2020 Member, Pediatric Emergency Medicine Collaborative Research Committee

2008-present Member, Section of Pediatric Emergency Medicine

2004-present Member

P2 Network

2021-present Chair of Education for P2Network Executive Committee (<https://p2network.com/global-health/>)

2019-present Curriculum Development Leader, P2 Network Global Health Subcommittee

2016-present Member, P2 Network is a platform for sharing expertise, building research collaborations, and offering mentorship in pediatric point-of-care ultrasound in the information age of medicine

2016-2018 Expert Reviewer, in a 3-round modified Delphi process to standardize the question bank (> 400) for a pediatric point-of-care ultrasound (POCUS) assessment tool.

Pediatric Education for Prehospital Professionals

2014 Reviewer for translated Spanish version of textbook: *Pediatric Education for Prehospital Professionals 3rd Edition*. Includes in-depth review of following sections in Spanish:

Chapter 5	Resuscitation and Dysrhythmias
Chapter 11	Children with Special Health Care Needs
Chapter 14	Medicolegal and Ethical Considerations,
Online Module 3	Resuscitation and Dysrhythmias
Online Module 8	Children with Special Health Care Needs
Procedure 3	Oxygen Delivery
Procedure 8	Bag-Mask Ventilation
Procedure 13	Advanced Airway Techniques

Procedure 18	AED and Defibrillation
Procedure 23	Removing and Replacing a Tracheostomy Tube Glossary

Connecticut Hospital Association

- 2015 Member, CT Asthma Initiative Workgroup
- 2015 Member, Asthma Emergency Department (ED) Workgroup

Yale University Service:

Medical School Committees

- 2022-present Member, Yale School of Medicine Admissions Committee
- 2016-present Member, Yale Medical Student Clinical Skills Integration Team
- 2016-present Member, Yale Point-of-care Ultrasound Multispecialty Council
- 2015-2016 Member, Yale New Haven Hospital System Clinical Integration Pulmonary Workgroup
- 2013-2016 Member, Project Access Research Advisory Council
- 2012-2014 Member, Physician Associate Thesis Mentorship Program
- 2012-2018 Member, Physician Associate Program Thesis Readers Committee - Thesis Reviewer for PA Master Thesis to provide redacted feedback and evaluation of capstone requirements for graduation (annual)
- 2009-2010 Member, Yale Graduate Medical Education Council

Departmental Committees

- 2021 Point of Care Ultrasound for Resuscitation at YNHH Sub-Committee
- 2018-present Pediatric Global Health Track Mentorship Committee
- 2018 Member, Pediatric Cardiology Division Chief Search Committee
- 2012-2014 Member, Pediatric Resident Faculty Mentor Program
- 2011-present Member, Pediatric Emergency Medicine Program Evaluation Committee
- 2011-2013 Member, Pediatric Emergency Medicine Scholarship Oversight Committee
- 2010-2013 Instructor, Yale Pediatric Spanish Initiative
- 2010-present Member, Pediatric Residency Recruitment Committee
- 2010-present Pediatric Emergency Medicine Faculty Recruitment Committee
- 2010-present Pediatric Emergency Medicine Fellowship Selection Committee
- 2008-present Pediatric Emergency Medicine Advanced Level Provider Selection Committee
- 2008-2013 Instructor, Pediatric Pre-Clinical Clerkship Introduction to Pediatrics
- 2008-2010 Instructor, Pediatric Advance Life Support

Public Service:

- 2021-2022 Westport Basketball Association Youth Basketball Coach, 3rd Grade
- 2021-2022 Westport PAL Basketball Team Manager (Boys 6th Grade)
- 2021 Alex Lemonade Stand Foundation for Childhood Cancer. Team Fundraising Total: \$2,934
- 2020-2021 Westport PAL Basketball Team Manager (Boys 5th Grade)
- 2019-2020 Westport Soccer Association Team Manager for U10 Boys Soccer White. Description of role found here: <http://www.westportsoccer.org/Page.asp?n=17208&org=westportsoccer.org>
- 2016-2020 Westport Basketball Association Youth Basketball Coach, grades 2nd, 3rd, 4th
4th Grade Basketball Recreation League Champions (2020)
- 2016-2019 Team in training member, Leukemia and Lymphoma Society. Current total funds raised for this organization amount to \$ 53,920.21.
- 2019 Multiple Myeloma Research Foundation Team for Cures. Fundraising total: \$2,140
- 2014 Featured Expert, Ciencia Puerto Rico (<http://www.cienciapr.org>), video for young professionals

- 2014 Featured Expert, Stanford Medicine News Center, in article “Racial disparities seen in rates of ER visits by newborns”

Public Service Online Audiovisual Media

- 2008 **Riera, A.**, “Bullous Impetigo” from 2008 AAP Section of Emergency Medicine PEM Pix Database: online publication.
- 2009 **Riera, A.**, “Sternoclavicular Dislocation” from 2009 AAP Section of Emergency Medicine PEM Pix Database: online publication.
- 2009 **Riera, A.**, “Urethral Stone” from 2009 AAP Section of Emergency Medicine PEM Pix Database: online publication.
- 2010 **Riera, A.**, “Hemorrhagic Urticaria” from 2010 AAP Section of Emergency Medicine PEM Pix Database: online publication.
- 2012 **Riera, A.**, “The Impact of Limited English Proficiency on Asthma Action Plan Use” Video Presentation for Academic Emergency Medicine: <https://vimeo.com/42107889>
- 2018 Ultrasound G.E.L. Podcast & Post review of **Riera A**, Weeks B, Emerson BL, Chen L. Evaluation of a Focused Cardiac Ultrasound Protocol in a Pediatric Emergency Department. https://www.ultrasoundgel.org/posts/IuM3sDkY_5z1233yr7tbLA

Bibliography

Peer-Reviewed Original Research

1. **Riera, A.**, Walker, D. The impact of race and ethnicity on care in the pediatric emergency department. *Current Opinion in Pediatrics*. June 2010, 22(3): 284-289. PMID:20442657
2. Chen, L., Hsiao, A., Langan, M., **Riera, A.**, Santucci, K. “Use of Bedside Ultrasound to Assess Degree of Dehydration in Children With Gastroenteritis.” *Academic Emergency Medicine*, October 2010, 17(10): 1042–1047. PMID:21040104
3. Alletag, M, **Riera, A**, Langan, M, Chen, L. Use of emergency ultrasound in the diagnostic evaluation of an infant with vomiting: *Pediatric Emergency Care*. October 2011, 27(10): p. 986-989. PMID:21975504
4. **Riera, A.**, Langan, M., Northup, V., Santucci, K., Chen, L. “Remember the Saphenous; ultrasound evaluation and site selection of peripheral veins in children.” *Pediatric Emergency Care*. December 2011, 27(12): 1121–1125. PMID:22134232
5. **Riera, A.**, Chen, L., “Ultrasound Evaluation of Skull Fractures in Children” *Pediatric Emergency Care*. May 2012, 28(5): 420-425. PMID:22531195
6. **Riera A.**, Hsiao A, Langan M., Goodman TR, Chen L. “Diagnosis of intussusception by novice physician sonographers in the emergency department.” *Annals of Emergency Medicine*. September 2012, 60(3): 264-268. PMID:22424652
7. Cicero, M., Auerbach, A., Zigmont, J., **Riera A.**, Ching K., Baum CR. “Simulation training with structured debriefing improves resident’s pediatric disaster triage performance.” *Prehospital and Disaster Medicine*. June 2012, 27(3):1-6. PMID: 22691308
8. Vaca FE., Trevino S., **Riera A.**, Meyer E., Anderson CL. “Contextualizing exposures and experiences of behaviors that influence the risk of crash injury in latino adolescent males.” *Ann Adv Automot Med*. October 2012, 56:79-86. PMID: 23169119
9. Cicero MX., **Riera A.**, Northrup V., Auerbach M., Pearson. K, Baum CR. “Design, Validity, and Reliability of a Pediatric Resident JumpSTART Disaster Triage Scoring Instrument.” *Acad Pediatr*. January 2013, 13(1): 48-54. PMID:23153602
10. Vaca FE., Walthall JM., Ryan S., Moriarty-Daley., A., **Riera A.**, Crowley MJ., Mayes LC. “Adolescent Balloon Analog Risk Task and behaviors that influence risk of motor vehicle crash injury,” *Ann Adv Automot Med*. September 2013, 55: 77-87. PMID: 24406948

11. **Riera A.**, Navas-Nazario, A., Vaca FE., “The impact of limited English proficiency on asthma action plan use.” *J Asthma* 2014 Mar;51(2):178-84. PMID:24147607
12. Cicero MX, Brown L, Overly F, Yarzebski J, Meckler G, Fuchs S, Tomassoni A, Aghababian R, Chung S, Garrett A, Fagbuyi D, Adelgais K, Goldman R, Parker J, Auerbach M, **Riera A**, Cone D, Baum CR. “Creation and Delphi-method Refinement of Pediatric Disaster Triage Simulations.” *Prehosp Emerg Care*. 2014, Apr-Jun;18(2):282-9. PMID:24401167
13. Alletag MJ, Jacobson D, Santucci K, **Riera A**. “Nasal disc battery removal: a novel technique using a magnetic device.” *Pediatr Emerg Care*. 2014 Jul;30(7):488-90. PMID:24987992
14. Langan ML, Kurtz JC, Schaeffer P, Asnes AG, **Riera A**. “Experiences with capnography in acute care settings: A mixed-methods analysis of clinical staff.” *J Crit Care*. 2014 Dec;29(6):1035. PMID:25129575
15. Emerson BL, Bradley ER, **Riera A**, Mayes L, Bechtel K. “Postpartum depression screening in the pediatric emergency department.” *Pediatr Emerg Care*. 2014 Nov;30(11):788-92. PMID:25343740
16. Langan ML, **Riera A**, Kurtz JC, Schaeffer P, Asnes AG. Implementation of newly adopted technology in acute care settings: a qualitative analysis of clinical staff. *J Med Eng Technol*. 2015 Jan;39(1):44-53. PMID:25367721
17. **Riera, A**, Ocasio, A, Kamdar, G, Krumeich, L., Ragins, K., Trevino, S., Vaca, F “Latino caregiver experiences with asthma health communication” *QualHealth Res*. 2015 Jan;25(1):16-26 PMID: 25185159.
18. **Riera, A**, Ocasio, A, Goncalves, P, Krumeich L, Katz KH, Trevino S, Vaca FE. “Findings from a community-based asthma education fair for Latino caregivers.” *J Asthma*. 2015 Feb;52(1):71-80. PMID: 25019349.
19. Cicero MX, Overly F, Brown L, Yarzebski J, Walsh B, Shabanova V, Auerbach M, **Riera A**, Adelgais K, Meckler G, Cone DC, Baum CR. “Comparing the Accuracy of Three Pediatric Disaster Triage Strategies: A Simulation-Based Investigation.” *Disaster Med Public Health Prep*. 2016 Jan 8:1-8. [epub ahead of print] PMID: 26744228.
20. **Riera, A**, Ocasio, A, Trevino, S., Vaca, F “Asthma Knowledge Gained after an Educational Video Designed for Limited English Proficiency Asthma Caregivers” *J of Asthma*. 2016 Feb;137(S3):283A.
21. **Riera, A.**, Bokhari SA, Bechtel K. “If You Twinkle When You Tinkle, Stones Are Found on Ultrasound.” *Pediatr Emerg Care*. 2016 Apr;32(4):246-9. PMID: 26359827
22. Whitney R, **Riera A**, Chen L. “Telesound: Can Real-Time Video Streaming of Ultrasound Imaging from Remote Locations Yield An Accurate Diagnosis?” *Wilderness & Environmental Medicine*. 2016 Sep; 27 (3): 435-435.
23. **Riera A**, Ocasio A, Tiyyagura G, Thomas A, Goncalves P, Krumeich L, Ragins K, Trevino S, Vaca FE. “A web-based educational video to improve asthma knowledge for limited English proficiency Latino caregivers.” *J Asthma*. 2016 Oct 26:1-8. [epub ahead of print] PMID: 27780380.
24. Cicero MX, Whitfill T, Overly F, Baird J, Walsh B, Yarzebski J, **Riera A**, Adelgais K, Meckler GD, Baum C, Cone DC, Auerbach M. Pediatric Disaster Triage: Multiple Simulation Curriculum Improves Prehospital Care Providers' Assessment Skills. *Prehosp Emerg Care*. 2017 Mar-Apr;21(2):201-208. PMID: 27749145.
25. Alfonzo M, von Reinhart A, **Riera A**. Point-of-Care Ultrasound Identification of an Abdominal Hernia. *Pediatr Emerg Care*. 2017 Aug;33(8):596-598. PMID: 28777270.
26. Gross IT, **Riera A**. “Vaginal Foreign Bodies: The Potential Role of Point-of-Care-Ultrasound in the Pediatric Emergency Department.” *Pediatr Emerg Care*. 2017 Nov;33(11):756-759. PMID: 29095775.
27. **Riera A**, Weeks B, Emerson BL, Chen L. Evaluation of a Focused Cardiac Ultrasound Protocol in a Pediatric Emergency Department. *Pediatr Emerg Care*. 2018 May 9. [Epub ahead of print] PMID: 29746359.

28. Emerson BL, Prozora S, Jacob A, Clark K, Kotrady D, Edwards L, Ciaburri R, **Riera A**. "An Initiative to Decrease Time to Antibiotics for Patients with Fever and Neutropenia." *American Journal of Medical Quality*. 2018 Aug 6 [Epub ahead of print]
29. Garcia AM, Asad I, Tessaro MO, Sivitz A, Osborn K, Shaahinfar A, Leung SK, Rowe E, **Riera A**. A Multi-Institutional Case Series With Review of Point-of-Care Ultrasound to Diagnose Malrotation and Midgut Volvulus in the Pediatric Emergency Department. *Pediatr Emerg Care*. 2019 Jan 29. [Epub ahead of print] PMID: 30702647.
30. Garcia AM, **Riera A**. Use of Point-of-Care Ultrasound to Assess and Guide Renal Stent Repositioning in the Pediatric Emergency Department. *Pediatr Emerg Care*. 2019 May;35(5):382-384. PMID: 30829842.
31. **Riera A**, Hayward H, Silva CT, Chen L. Reevaluation of FAST Sensitivity in Pediatric Blunt Abdominal Trauma Patients: Should We Redefine the Qualitative Threshold for Significant Hemoperitoneum? *Pediatr Emerg Care*. 2019 Jul 25. PMID:31356479.
32. **Riera A**, Langan M, Silva CT. Terminal Ileitis Presenting With a Spontaneously Reduced Ileocolic Intussusception Diagnosed by Point-of-Care Ultrasonography. *Pediatr Emerg Care*. 2019 Aug 19 PMID: 31433363.
33. Whitney RE, **Riera A**, Chen L. Accuracy of Remote Interpretation of Pediatric Emergency Ultrasound Over Third Generation Networks Across Continents. *Pediatr Emerg Care*. 2019 Dec 16. [Epub ahead of print] PMID: 31851076.
34. Hossain R, Qadri U, Dembowski N, Garcia A, Chen L, Cicero MX, **Riera A**. Sound and Air: Ultrasonographic Measurements of Pediatric Chest Wall Thickness and Implications for Needle Decompression of Tension Pneumothorax. *Pediatr Emerg Care*. 2020 Sep 9. [Epub ahead of print]. PMID: 32925707.
35. **Riera, A**, Leviter, JI, Iqbal, A, Soma, G, Malik, RN, Chen, L. Agreement With Pediatric Suprapatellar Bursa Effusion Assessments by Point-of-Care Ultrasound After Remote Training, *Pediatric Emergency Care*: January 15, 2021 - Volume Publish Ahead of Print
36. Malik, R, Leviter, J, Gross, I, **Riera, A**. The Use of Point-Of-Care Ultrasound to Evaluate Acute Abdomen: A Case of Bowel Perforation After Unknown Single Magnet Ingestion. In: *Pediatrics* March 2021, 147: p. 292-293; DOI: <https://doi.org/10.1542/peds.147.3.MeetingAbstract.292>
37. Malik, R., Chen, L., **Riera, A**. "POCUS Case Review, Considering SMA Syndrome in the Pediatric Emergency Department, *Pediatric Emerg Care*. Volume 37 - Issue 3 - p 172-174
38. Bergmann, K, **Riera, A**, Whitcomb, V, Toney, A, Tessaro, M. Point-of-Care Ultrasound Identification of Right-Sided Cardiac Chamber Collapse Associated With Pericardial Effusions Without Hypotension, *Pediatr Emerg Care*: March 12, 2021 - Volume Publish Ahead of Print
39. Malik, R., Leviter, J., Gross, I., Saluja, S., Cowles, R., **Riera, A**. Point-of-Care Ultrasound to Evaluate the Acute Abdomen, A Case of Bowel Perforation After Unknown Single Magnet Ingestion. *Pediatr Emerg Care*: May 18, 2021. [Epub ahead of print] PMID: 34116554
40. Alade KH, Marin JR, Constantine E, Ekpenyong A, Farrell SE, Horowitz R, Hsu D, Kwan CW, Ng L, Leonard PJ, Lewiss RE. Development of a novel pediatric point-of-care ultrasound question bank using a modified Delphi process. *AEM Educ Train*. 2021 Aug 1;5(4):e10651. PMID: 34527846; Acknowledgements: This study would never have been possible without the modified Delphi panelists. We wish to acknowledge these individuals: Alyssa Abo, Mark Baker, Andrew Balk, Ron Berant, Stephanie Cohen, Beth D'Amico, Julia Kathleen Deanehan, Robinson M. Ferre, Delia Gold, Geoffrey E. Hayden, Sarah Jones, Samuel Lam, Stephanie Leung, Marla Levine, Czer Anthony Lim, Adriana Manikian, Megan Mickley, Adam O'Brien, Caroline Ouellet, Rachel Rempell, **Antonio Riera**, Jade Seguin, Allan Shefrin, Adam Sivitz, Melissa Skaugset, Kathleen M. Smith, Tanya Solano, Cindy Soon, David Teng, Rebecca Vieira and Kristen Weerdenberg.

41. **Riera A**, Leviter JI, Iqbal A, Soma G, Malik RN, Chen L. Agreement With Pediatric Suprapatellar Bursa Effusion Assessments by Point-of-Care Ultrasound After Remote Training. *Pediatr Emerg Care*. 2021 Jan 15. PMID: 34542989.
42. Leviter J, Kadan-Lottick NS, Auerbach C, **Riera A**. Ultrasound-assisted Lumbar Puncture for Obese Pediatric Oncology Patients: A Feasibility Study. *J Pediatr Hematol Oncol*. 2021 Dec 3. PMID: 34862351.
43. Leviter, JI, Auerbach, M, Amick, M, Battipaglia T, Amendola A, **Riera, A**. Point-of-Care Ultrasound Curriculum for Endotracheal Tube Confirmation for Pediatric Critical Care Transport Team Through Remote Learning and Teleguidance. *Air Medical Journal*. 2021 Dec 9: <https://doi.org/10.1016/j.amj.2021.11.002>
44. Gorfinkel L, Hansen CE, Teng W, Shabanova V, Prozora S, Rodwin R, Qadri U, Manghi T, Emerson B, **Riera A**. Clinical decision rule for obtaining peripheral blood cultures in febrile oncology patients. *Pediatr Blood Cancer*. 2021 Dec 22:e29519. PMID: 34939321.
45. Heffler, M, Brant, JA, Singh, A, Toney, AG, Harel-Sterling, M, Grandjean-Blanchet, C, **Riera, A**, Khalil, P, Starr-Seal, R, Binder, Z. Ultrasound-Guided Regional Anesthesia of the Femoral Nerve in the Pediatric Emergency Department, *Pediatric Emergency Care*: January 10, 2022
46. Leviter JI, Walsh S, **Riera A**. Point-of-Care Ultrasound for Pulse Checks in Pediatric Cardiac Arrest: Two Illustrative Cases. *Pediatr Emerg Care*. 2022 Apr 27. Epub ahead of print. PMID: 35477928.
47. Leviter JI, Chen L, O'Marr J, **Riera A**. The Feasibility of Using Point-of-Care Ultrasound During Cardiac Arrest in Children: Rapid Apical Contractility Evaluation. *Pediatr Emerg Care*. 2022 Apr 25. Epub ahead of print. PMID: 35470313.

Chapters, Books and Reviews

48. **Riera, A**. “Mergers and Monopolies: A Study on the Effects of Consolidation in the HMO Industry” (Thesis No. 11705), June 2000, Princeton University Library.
49. **Riera, A.**, Walker, D. “Skull Fractures,” Fleisher and Ludwig’s 5 Minute Pediatric Emergency Medicine Consult; Lippincott, Williams, & Wilkins/Wolters Kluwer Health July 2011:
50. **Riera, A.**, Walker, D. “Perianal Abscess,” Fleisher and Ludwig’s 5 Minute Pediatric Emergency Medicine Consult; Lippincott, Williams, & Wilkins/Wolters Kluwer Health July 2011: p.15
51. **Riera, A.**, Chen, L. “Chapter 19 – Orthopedics: Extremity Fractures, Reductions, and Arthrocentesis,” Pediatric Emergency and Critical Care Ultrasound; Cambridge University Press. November 2013: p. 279-293.
52. **Riera, A.**, “Chapter 9 – Pediatrics,” Practical Point-of-Care Medical Ultrasound; Springer. November 2015: p. 155-172.