

CURRICULUM VITAE**Personal information**

First name/ Surname	Niccolò Parri, MD
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Office Address	Meyer University Children's Hospital Department of Emergency Medicine and Trauma Center viale Pieraccini, 24 50139 Florence, Italy
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Work phone	+ 39 055 5662320 / 2634
E-mail	niccolo.parri@meyer.it niccoparri@gmail.com
Nationality	Italian
Date of birth	26/11/1976

WORK EXPERIENCE

- | | |
|--------------------------------|--|
| Dates | 1/07/2009 - present |
| • Name and address of employer | Meyer University Children's Hospital Florence, Italy
Department of Emergency Medicine and Trauma Center |
| • Position held | Staff physician - Department of Emergency Medicine/Trauma Center |
| Dates | 2008 - 2010 |
| • Name and address of employer | Public Health Service, Florence, Italy |
| • Position held | Physician in charge for vaccination in pediatric age |
| Dates | 01/04/2008 – 14/03/2009 |
| • Name and address of employer | Meyer University Children's Hospital Florence, Italy
Department of Emergency Medicine |
| • Position held | Attending Physician |
| Dates | 01/2008 – 07/2009 |
| • Name and address of employer | Meyer University Children's Hospital Florence, Italy
Department of Emergency Medicine |
| • Position held | Attending physician |
| Dates | 5 /11/2007 – 30/05/2008 |
| • Name and address of employer | Broncopneumology Service, Meyer University Children's Hospital, Florence, Italy |
| • Position held | Research fellow, Broncopneumology Service |
| Dates | 07/2003 – 02/2009 |
| • Name and address of employer | Pediatric First Aid, Campi Bisenzio, Florence, Italy |
| • Position held | Coordinating physician |
| Dates | 2003 - 2009 |
| • Name and address of employer | Public Health Services of Siena, Florence, Campi Bisenzio and Prato, Italy |
| • Position held | Substitute for Pediatricians of the National Health Service |
| Dates | 2005 - 2006 |
| • Name and address of employer | Neuro-evolutive Rehabilitation Service, Meyer University Children's Hospital, Florence, Italy |
| • Position held | Voluntary medical attendance, participated in various clinical and research activities |

EDUCATION AND TRAINING

- Dates **12/2016**
 - Organisation providing education American College of Surgeons, ATLS Italian Regional Faculty, Italy
 - Principal subjects / skills covered ATLS Refresher Course
- Dates **02/2016**
 - Organisation providing education SIEC, Italian Society of Echocardiography, Italy
 - Principal subjects / skills covered Basic course of echocardiography
- Dates **2013 - 2014**
 - Organisation providing education Harvard Medical School, Boston, MA
 - Principal subjects / skills covered GCSRT - Global Clinical Scholars Research Training Program
- Dates **03/2013 – 07/2013**
 - Organisation providing education SIUMB Italian Society of Ultrasound in Medicine and Biology, Italy
 - Principal subjects / skills covered Course on basic ultrasound in medicine
- Dates **09/2012**
 - Organisation providing education University of Florence - Careggi University Hospital, Florence, Italy – Italian Society of Emergency Medicine (SIMEU) – Emergency Medicine Ultrasound School
 - Principal subjects / skills covered Clinical ultrasound in emergency medicine - Basic and Advanced Course
- Dates **05/2012**
 - Organisation providing education American College of Surgeons, ATLS Italian Regional Faculty, Italy
 - Principal subjects / skills covered ATLS Refresher Course
- Dates **02/2012**
 - Organisation providing education Harvard Medical Faculty Physicians and University of Florence, Italy
 - Principal subjects / skills covered TEMSI (Tuscan Emergency Medical Services Initiative) Train the Trainers course
- Dates **11/2011**
 - Organisation providing education Harvard Medical Faculty Physicians, Boston, MA and University of Florence, Italy
 - Principal subjects / skills covered Advanced Rescuer Education Methodology & Curriculum Building
- Dates **12/2010 – 12/2011**
 - Organisation providing education Meyer University Children’s Hospital, Florence, Italy and the Department of Statistic, University of Florence, Italy
 - Principal subjects / skills covered Biostatistic applied to Research in Pediatrics
- Dates **05/2011**
 - Organisation providing education American Burn Association and University of Florence, Italy
 - Principal subjects / skills covered ABLS Advanced Burn Life Support
- Dates **02/2011**
 - Organisation providing education Intensive Care Unit, Careggi University Hospital, Florence, Italy
 - Principal subjects / skills covered Bedside thoracic ultrasound in intensive care
- Dates **09/2009**
 - Organisation providing education Meyer University Children’s Hospital, Florence, Italy and Children’s Hospital Boston Simulator Program, Boston, MA
 - Principal subjects / skills covered Training course of simulation in situ - Crisis Resource Management – refresh course
- Dates **07/2009**
 - Organisation providing education Meyer University Children’s Hospital, Florence, Italy
 - Principal subjects / skills covered Training in procedural sedation in children
- Dates **06/2009**
 - Organisation providing education Meyer University Children’s Hospital, Florence, Italy
 - Principal subjects / skills covered Course, planning training for adult learners
- Dates **05/2009**
 - Organisation providing education Meyer University Children’s Hospital, Florence, Italy
 - Principal subjects / skills covered *Ultrasound-guided peripheral vascular access in neonates and children*
- Dates **03/2009**
 - Organisation providing education Meyer University Children’s Hospital, Florence, Italy and Children’s Hospital Boston Simulator Program, Boston, MA
 - Principal subjects / skills covered Training course on the use of simulation in situ. Trauma Crisis resource management
- Dates **10/2008**
 - Organisation providing education Emergency Department, Careggi University Hospital, Florence, Italy

- Principal subjects / skills covered
Dates
• Organisation providing education
• Principal subjects / skills covered
- Point-of-care ultrasound in emergency medicine
05/2008
Meyer University Children's Hospital, Florence, Italy
Neonatal resuscitation
03/2008
American College of Surgeons, ATLS Italian Regional Faculty, Italy
ATLS course
03/2007 – 12/2007
Meyer University Children's Hospital, Florence, Italy and Harvard Medical School, Boston, MA
Pediatric Emergency Medicine for the single provider model of emergency physician
12/2007
Cardiology Unit, Meyer University Children's Hospital, Florence, Italy
EKG in pediatric age
11/2007
Meyer University Children's Hospital, Florence, University of Florence, Italy and Harvard Medical School, Boston, MA
Refresh course: the use of simulator in medicine
11/2007
Meyer University Children's Hospital Florence, University of Florence, Italy
PALS course (Pediatric advanced life support) provider
03/2007
Meyer University Children's Hospital, Florence, Italy and University of Florence, Italy and Harvard Medical School, Boston, MA
Training course on the use of the simulator in medicine
11/2006
University of Florence, Florence, Italy
Residency training program in Pediatrics
02/2006
Simulearn Bologna, Italy
Practical course on the management of respiratory failure in children
10/2001
University of Siena, Italy
M.D. degree

SCIENTIFIC ACTIVITIES

PEER-REVIEWED JOURNAL ARTICLES

Corsini I, **Parri N**, Coviello C, Leonardi V, Dani C. Lung ultrasound findings in congenital diaphragmatic hernia. *Eur J Pediatr.* 2019

Brambilla A, Pasti M, **Parri N**. Sudden diplopia at Paediatric Emergency Department: a case of Gradenigo syndrome in a child. *Pediatr Emerg Care* 2019

Corsini I, **Parri N**, Gozzini E, Coviello C, Leonardi V, Poggi C, Giacalone M, Bianconi T, Raimondi F, Dani C. Bedside lung ultrasonography for the differential diagnosis of neonatal respiratory distress in the first 24 hours of life. *Neonatology.* 2018;115(1):77-84

Parri N, Crosby BJ, Mills L, Soucy Z, Musolino AM, Da Dalt L, Cirilli A, Grisotto L, Kuppermann N. Point-of-care ultrasound for the diagnosis of skull fractures in children younger than two years of age. *J Pediatr.* 2018;196:230-236

Giacalone M, Mastrangelo G, **Parri N**. Point-of-care ultrasound diagnosis of Retinoblastoma in the emergency department. *Pediatr Emerg Care.* 2018;34(8):599-601

Da Dalt L, **Parri N**, Amigoni A, Nocerino A, Selmin F, Manara R, Perretta P, Vardeu MP, Bressan S; Italian Society of Pediatric Emergency Medicine (SIMEUP); Italian Society of Pediatrics (SIP). Italian guidelines on the assessment and management of pediatric head injury in the emergency department. *Ital J Pediatr.* 2018 Jan 15;44(1):7

Hoysted C, Babl FE, Kassam-Adams N, Landolt MA, Jobson L, Van Der Westhuizen C, Curtis S, Kharbanda AB, Lyttle MD, **Parri N**, Stanley R, Alisic E. Knowledge and training in paediatric medical traumatic stress and trauma-informed care among emergency medical professionals in low- and middle-income countries. *Eur J Psychotraumatol.* 2018 May 8;9(1):1468703

Hoysted C, Babl FE, Kassam-Adams N, Landolt MA, Jobson L, Curtis S, Kharbada AB, Lyttle MD, **Parri N**, Stanley R, Alisic E. Perspectives of hospital emergency department staff on trauma-informed care for injured children: an Australian and new zeland analysis. *Journal Paediatr Child Health*. 2017;53(9):862-869

Alisic E, Hoysted C, Kassam-Adams N, Landolt MA, Curtis S, Kharbada AB, Lyttle MD, **Parri N**, Stanley R, Babl FE; Pediatric Emergency Research Canada (PERC); Pediatric Emergency Medicine Collaborative Research Committee of American Academy of Pediatrics (PEMCRRC); Pediatric Emergency Research in United Kingdom and Ireland (PERUKI); Research in European Pediatric Emergency Medicine (REPEM); Pediatric Emergency Care Applied Research Network (PECARN); Pediatric Research in Emergency Departments International Collaborative (PREDICT); Pediatric Emergency Research Networks (PERN). Psychosocial Care for Injured Children: Worldwide Survey among Hospital Emergency Department Staff. *J Pediatr*. 2016;170:227-33

Marzona F, **Parri N**, Nocerino A, Giacalone M, Valentini E, Masi S, Bussolin L. Traumatic diaphragmatic rupture in pediatric age: review of the literature. *Eur J Trauma Emerg Surg*. 2016 Oct 21

Calogero C, Simpson SJ, Lombardi E, **Parri N**, Cuomo B, Palumbo M, de Martino M, Shackleton C, Verheggen M, Gavidia T, Franklin PJ, Kusel MM, Park J, Sly PD, HallGL. Respiratory impedance and bronchodilator responsiveness in healthy children aged 2-13 years. *Pediatr Pulmonol*. 2013;48:707-15

Parri N, Crosby BJ, Glass C, Mannelli F, Sforzi I, Schiavone R, Ban KM. Ability of Emergency Ultrasonography to Detect Pediatric Skull Fractures: A Prospective, Blinded, Observational Study. *J Emerg Med* 2013;44:135-41

Parri N, Innocenti L, Collini S, Bechi F, Mannelli F Acute pancreatitis due to rotavirus gastroenteritis in a child. *Pediatr Emerg Care*. 2010;26:592-3

Calogero C, **Parri N**, Baccini A, Cuomo B, Palumbo M, Novembre E, Morello P, Azzari C, de Martino M, Sly PD, Lombardi E. Respiratory impedance and bronchodilator response in healthy Italian preschool children. *Pediatr Pulmonol* 2010;45:1086-94

Parri N, Bernardini R, Pucci N, Novembre E, Azzari C, Vierucci A. Drug Rash with Eosinophilia and Systemic Symptoms induced by Lamotrigine therapy. *Int J Immunopathol Pharmacol*. 2007;20:643-5

PUBLICATIONS (NON PEER-REVIEWED JOURNAL)

Giacalone M, Montano S, Salvadei S, **Parri N**, Masi S. A uncommon case of abdominal pain in the emergency department. *Pediatria* 2016

Parri N, Giacalone M. Point-of-care ultrasound in pediatrics. Review of the literature. *Prospettive in Pediatria* 2016

Marzona F, Montano S, Salvadei S, Giacalone M, Rispoli G, Porcaro U, **Parri N**, Masi S. An uncommon case of respiratory distress – diaphragmatic traumatic rupture. *Pediatria* 2016

ABSTRACTS, POSTER AND ORAL PRESENTATION

Parri N, Tirelli F, Giacalone M, Grisotto L, Stefani C, Berlese P, Da Dalt L, Baroero L, Delmonaco AG, Esposito S, Cofini M, Rinaldi VE, Corsini I, Lanari M, Pierantoni L, Masi S. Diagnostic accuracy of Presepsin in infants younger than 3 months with Fever Without Source: Preliminary Data. EAPS congress 2018 – [oral presentation](#)

Berant R, Jones SD, **Parri N**. The use of point-of-care ultrasound in paediatric emergency departments in Europe. EUSEM 2018

Giacalone M, Mastrangelo G, **Parri N**. Point-of-care ultrasound (POCUS) diagnosis of retinoblastoma in the emergency department. EUSEM 2018

Parri N, Tirelli F, Giacalone M, Grisotto L, Stefani C, Berlese P, Da Dalt L, Baroero L, Delmonaco AG, Esposito S, Cofini M, Rinaldi VE, Corsini I, Lanari M, Pierantoni L, Masi S. Diagnostic accuracy of Presepsin in infants younger than 3 months with Fever Without Source. EUSEM 2018

SHIVER collaboration, associated group of researchers of the REPEM. Variability in antibiotic prescription for respiratory tract infections at European ED's . ESPID 2018

Parri N, Tirelli F, Giacalone M, Grisotto L, Stefani C, Berlese P, Da Dalt L, Baroero L, Delmonaco AG, Esposito S, Cofini M, Rinaldi VE, Corsini I, Lanari M, Pierantoni L, Masi S. Diagnostic accuracy of Presepsin in infants younger than 3 months with Fever Without Source: Preliminary Data. PAS 2018

Berant R, **Parri N**. The use of point-of-care ultrasound in paediatric emergency departments in Europe. PAS 2018

Corsini I, **Parri N**, et al. Accuracy of bedside lung ultrasonography for the diagnosis of neonatal respiratory diseases in the first 24 hours of life: a prospective observational study in a third level Neonatal Intensive Care Unit. jENS 2017

Velasco R, **Parri N**, Moore CM, Bogner Z, D'Elia F, Teksam O, Fernandez S, Da Dalt L, Snoeck E, Broers M, Fernandes R, Obieta A, Alcalde M, Gonzalez J, Piñol S. Differences in the use of skull radiography in children with minor head trauma – PAS 2017 oral presentation

Velasco R, **Parri N**, Moore CM, Bogner Z, D'Elia F, Teksam O, Fernandez S, Da Dalt L, Snoeck E, Broers M, Fernandes R, Obieta A,

Alcalde M, Gonzalez J, Piñol S. Differences in the use of skull radiography in children with minor head trauma – EuSEM 2017 [oral presentation](#)

Parri N et al. Point of care Ultrasound for the approach to respiratory distress in pediatric age: a feasibility study. EuSEM 2016 [oral presentation](#)

Parri N, et al. Point of care ultrasound for the diagnosis of congenital lung malformation in newborns: a case series. EuSEM 2016 - poster

Velasco Zuñiga R, **Parri N** and the MHT research group of the REPEM. Practice Variation In The Management Of Minor Head Trauma In Children In Europe. A REPEM Study. EuSEM Annual Meeting 2016 – oral presentation

Velasco Zuñiga R, **Parri N**. Practice Variation In The Management Of Minor Head Trauma In Children In Europe. A REPEM Study. PAS Annual Meeting 2016 - oral presentation

Velasco Zuñiga R, **Parri N**, Santiago Fernandez, Sergi Piñol, Anaida Obieta, Maider Alcalde. Variabilidad en el manejo del traumatismo craneal leve en Europa. Un estudio de REPEM™ SEUP Spanish National Society of Emergency Medicine Annual Meeting 2016 - poster

Velasco Zuñiga R, **Parri N**, Santiago Fernandez, Sergi Piñol, Anaida Obieta, Maider Alcalde. Variabilidad en el manejo del traumatismo craneal leve en Europa. Un estudio de REPEM™ AEP Spanish Pediatric Society Annual Meeting 2016 - poster

Parri N, Mannelli F, Sforzi I, Catelan D, Biggeri A, Reale A, Saffirio C, Musolino AM, Barbi E, Norbedo S, Neri E, Gasparella M, Da Dalt L. Emergency Ultrasonography to detect pediatric skull fractures in children younger than 2 years after minor blunt head trauma: a multicentre, prospective, observational study. PREM Pediatric Resuscitation and Emergency Medicine Congress, Ghent, Belgium 2013 - poster

Innocenti L, Bronzini F, **Parri N**, Sforzi I, A. Pazzaglia, M. Antonello, L. Tasciotti, F. Mannelli. Role of ultrasound in the diagnosis of pulmonary pneumonia in children in the emergency department. SIMEUP Annual Meeting 2012 - poster

Dojmi di Delupis F, Di Luccio G, **Parri N**, Kennedy M, Anderson PD, Fisher J, Gensini GF. Development and validation of a standardized tool to evaluate communication between Italian prehospital and hospital emergency physicians. SAEM Society for Academic Emergency Medicine Annual Meeting Abstract 2012 - poster

Calogero C, **Parri N**, Fenu G, Sly P, Cuomo B, Palumbo M, Lombardi E. Respiratory impedance using forced oscillation technique in preschool children with a history of wheezing. European Respiratory Society Annual Congress 2011 - poster

Dojmi di Delupis F, Di Luccio G, **Parri N**, di Martino P, De Luca M, Galli L, Mannelli F, Gensini GF. High-fidelity simulation to improve the pediatric patient handover by the application Crisis Resource Management principles on multidisciplinary teams. IPPSW 2011 - poster

Lombardi E, **Parri N**, Cuomo B, Palumbo M, Novembre E, Morello P, Azzardi C, de Martino M, Hall GL, Oostryck J, Sly PD, Calogero C. Respiratory Impedance in Healthy Subjects aged 2 to 19 Years; Am J Respiratory and Critical Care Medicine, Meeting Abstracts Issue, Apr 2009, 179, A4848 – abstract

Lenzi L, Reali MF, Barni F, **Parri N**, Nanni L, Toni S. Telephone support to the diabetic patient in pediatric age: a database analysis. SIP 2006 - poster

Parri N, Indolfi G, Poggi GM, Donati MA, Gasperini S, Procopio E, Resti M. Early diagnosis of a case of Tyrosinemia. SIP 2006

INVITED SPEAKER

10/2018 European Pediatric Academic Societies Congress (EAPS), Paris, Point-of-care ultrasound in acute care setting

01/2018 Gaslini children's hospital, Genova, Italy, Concussion – prevention and diagnosis

09/2017 2nd Hungarian Paediatric Emergency Congress, Budapest, Hungary, Point-of-care ultrasound in Pediatric Emergency Medicine

03/2017 Mass casualty and disaster medicine, Ospedale S. Raffaele, Milano, The pediatrician as team leader

11/2016 Pediatric Israeli Emergency Medicine Society, National congress, Point of care ultrasound training program in Florence, Italy

10/2016 University of Bologna, Italy, Update on Head Injury in Pediatric age

10/2016 European Academy of Paediatric Societies, Geneva, Practical aspects of paediatric emergency medicine care

10/2016 Annual Meeting of the Italian Society of Pediatric Emergency Medicine (SIMEUP), Padova, Italy, Update in Pediatric Emergency Medicine

09/2016 1st Hungarian Paediatric Emergency Congress, Szekesfehervar, Hungary, Pediatric Emergency Medicine in Italy

10/2015 Annual Meeting of the Italian Society of Pediatric Emergency Medicine (SIMEUP), Catanzaro, Italy. Point of care ultrasound in the Pediatric Emergency Department

10/2015 European Society of Emergency Medicine meeting, Torino, Italy. Pediatric Emergency Medicine in Italy

02/2015 Invited speaker at the Regional meeting of the Italian society of Pediatric Emergency Medicine, Lucca, Italy. 2014's Top 10 of Pediatric Trauma

06/2014 Pediatric emergency physicians managing emergencies, Rome, Italy. Pediatric Trauma

09/2013 Annual Mediterranean Emergency Medicine Congress (MEMC VII), Marseille, France. The utility of bedside ultrasound in the

emergency department

04/2013 Annual Meeting of the Italian Society of Pediatric Emergency Medicine (SIMEUP), Turin, Italy. Point of care ultrasound in surgical emergencies in Pediatric age, Imaging techniques in Pediatric head trauma/presentation of the workgroup for the national head trauma guidelines

04/2013 Trauma Meeting of the Italian society of Pediatric Emergency Medicine, Campobasso, Italy. Update on traumatic brain injuries

05/2011 XI Annual Neuro Meeting, Siena, Italy. The management of head trauma in pediatric age

OTHER ACTIVITIES

2018 Scientific Committee, European Academy of Paediatric Societies meeting, Paris, France

2018 Director, Pediatric Emergency Point-of-care Ultrasound Workshop, European Academy of Paediatric Societies, Paris, France

2018 Director, Pediatric Emergency Point-of-care Ultrasound Workshop, Italian Society of Paediatrics, Florence, Italy

2018 Director, Pediatric Emergency Point-of-care Ultrasound Workshop, National Organization of Paediatrics Resident (ONSP), Genoa, Italy

2018 collaborated to the organization of the EUSEM annual meeting and participated in the Industrial Liaison Committee of the EUSEM

2018 Director, Pediatric Emergency Point-of-care Ultrasound Workshop, European Academy of Paediatric Societies

2018 - present Member, commission for the national guideline on Pediatric Intensive Care of Severe Traumatic Brain Injury, SARNEPI

2018 – Lecturer, Point-of-care ultrasound 2.0, University of Padua, Department of Pediatrics, Padua, Italy

2018 Instructor, II workshop Pediatric POCUS, Schneider Children's Hospital, Tel Aviv, Israel

2017 - present Lecturer, Pediatric Emergency medicine master, University of Turin, Turin, Italy

2017 Director, International Point-of-care Ultrasound workshop, Florence, Italy

2016 Director, Workshop: pediatric trauma and point-of-care ultrasound. Pediatric resident congress, Bologna, Italy

2016 Instructor, APEC course, Wien (EuSEM congress), Shock and fluid management

2016 Lecturer, University of Udine, Italy, Pediatric trauma management, primary and secondary survey, head and neck trauma, abdominal trauma

2016 Instructor, II workshop Pediatric POCUS, Schneider Children's Hospital, Tel Aviv, Israel

2016 Lecturer, School of Medicine, University of Florence. The most common emergencies in the pediatric patient

2016 - present, Member, commission for the national guideline on the management of Pediatric Traumatic Brain Injury in the emergency department, Italian society of emergency medicine.

2015 Instructor, APEC course, Turin (EuSEM congress), Pediatric polytrauma and primary survey, abdominal trauma

2013 - present Responsible, methodology section of the REPEM Research in European Pediatric Emergency Medicine

2015 Lecturer, Pediatric Hospital Regina Margherita, Turin, Italy. Pediatric Trauma

2015 - present Instructor, point-of-care ultrasound for pediatric resident, Meyer University Children's Hospital

2015 - present, Instructor Pediatric Advanced Trauma Life Support (PedTLS), Florence, Italy

2013 – 2018 Member, scientific committee, PKG educational provider, Florence, Italy

2012 Instructor, Pediatric trauma, Perugia, Italy

2012 - present, Lecturer, Emergency Medicine University Master, University of Florence, Italy

2011 Instructor, Pediatric trauma, Perugia, Italy

2011 Director, scientific meeting, Maxillofacial trauma in children, Meyer University Children's Hospital

2011 Responsible for the Pediatric Section of the TEMSI – Tuscan Emergency Medical Services Initiative, University of Florence

2010 - present Instructor, Hi-Fidelity simulation in pediatric trauma

2010 - present Instructor, Hi-Fidelity simulation in pediatric emergencies

2009 - 2017 Instructor, Pediatric Nurse Triage Course, Meyer University Children's Hospital, Florence, Italy

HONORS AND AWARDS

2014 Commendation for the Capstone Project – Global Clinical Scholars Research Training (GCSRT) Harvard Medical Scholl, Boston, MA

REVIEWER

The Journal of Pediatrics

European Journal of Clinical Microbiology & Infectious Diseases

BMJ Paediatrics Open

Frontiers Pediatrics

COMPETENCES

MOTHER TONGUE **ITALIAN**

LANGUAGES

	ENGLISH
• Writing	excellent
• Understanding	excellent
• Speaking	excellent

**TECHNICAL SKILLS AND
COMPETENCES**

Expert user of point-of-care ultrasound in emergency
STATA statistical package

ADDITIONAL INFORMATIONS

2018 – present, Lead - special interest group in point-of-care ultrasound European Academy of Paediatrics
10/2017 – present, Chair of the Pediatric Section of the European Society of Emergency Medicine (EUSEM)

Date _____

Signature



Narrative report:

I am a full time Pediatric Emergency physician with a particular research and clinical interest in the field of pediatric trauma and more specifically head trauma and point of care ultrasound. The components of my everyday practice in the Pediatric Emergency Department and Trauma Center at Meyer Children's Hospital, which deal with pediatric trauma and ultrasound, include clinical care, research and teaching. Meyer Children's hospital is a comprehensive center for pediatric care that offers a complete range of pediatric specialties. Meyer is also one of the most important pediatric hospitals in Italy and home to Italy's first and only pediatric trauma center. I oversee the activities of pediatric emergency medicine residents and I am the physician lead for point-of-care ultrasound in the emergency department. I participate in teaching trauma and ultrasound to residents and fellow on a monthly basis. I created the first workshop of Pediatric Emergency Medicine Point of care ultrasound in my hospital and the first international point of care ultrasound workshop with an international board in the country. All of my patient care in the Emergency Department is done in conjunction with fellows and residents.

In addition I participate in the national committee on pediatric head trauma and the committee for the development of ultrasound in emergency medicine of the Pediatric Section of the European Society of Emergency Medicine. More recently I took the lead of the Pediatric Section of the European Society for Emergency Medicine (EUSEM) and the lead of the special interest group in point-of-care ultrasound of the European Academy of Paediatrics (EAP) with the objective to develop a common curriculum in point-of-care ultrasound for all the paediatric specialties in Europe. Creating a standard curriculum to be taught in Paediatrics training programs and fellowship may contribute significantly to the incorporation of POCUS into the practice of paediatricians.

I direct several national and few international workshop on point-of-care ultrasound.

I conduct a number of research projects, all directed toward finding the best way to care for severely ill and injured children. I was one of the first author to describe the use of ultrasound for the diagnosis of skull fractures, as a tool to reduce the use of CT scan and all the adverse effect of radiation exposure in children. With a multicenter research group I concluded a global survey on the use of point of care ultrasound by pediatric emergency physicians in Europe that will mirror the ones recently described in the United States. The description of the gaps in the current state of point-of-care ultrasound use and education, will constitute the starting point that will lead to the development of more structured evidence to improve POCUS through education, local protocol development, and changes in attitudes to improve patient outcomes.

Other ongoing research project are focused on pain management and on early sepsis identification with novel biomarkers. Our next research horizon is the use of the intravenous ultrasound contrast agent for the detection of abdominal injuries in children. The development of this research may contribute to decrease the number of abdominal CT scan performed to trauma patients and reduce the radiation exposure and the associated risk of malignancies.

In addition, I recently participated to the recently released National Guideline for the management of children with head trauma in the emergency department and now I am involved in the national committee for the development of the guideline for the management of severe brain injuries.