

**Dr. AHMAD FAROOQI**

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2123 McKay Ave., Windsor, Ontario  
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**Medical Faculty in Biostatistician at**

Clinical Research Institute  
 College of Medicine *Central Michigan University*, Mount Pleasant, MI

**Education & Training**

- 2019 **Ph.D. Education, Evaluation, & Research  
 Specialization in Applied Statistics  
 (Overall GPA: 4.00/4.00)**  
*Wayne State University*, Detroit, MI, USA  
 Dissertation Advisor: Dr. Shlomo S. Sawilowsky
- 2012 **M.A. Social Data Analysis**  
*University of Windsor*, ON, Canada  
 Major Paper Advisor: Dr. Robert Arnold.
- 2007 **M.S. Mathematics and Statistics**  
*University of Windsor*, ON, Canada  
 Major Paper Advisor: Dr. Syed Ejaz Ahmed.
- 2002 **M.Phil. Statistics**  
*Government College University*, Lahore, Pakistan  
 Thesis Advisor: Dr. Muhammad Afzal Beg.
- 1999 **M.Ed. Educational Administration**  
*University of Punjab*, Lahore, Pakistan
- 1994 **M.Sc. Statistics**  
*University of Agriculture*, Faisalabad, Pakistan
- 1990 **B.Sc. Double Mathematics & Statistics**  
*University of Punjab*, Lahore, Pakistan

**Employment History****Professional Appointments:**

- 2020-Todate Medical Faculty in Biostatistician, Clinical Research Institute, *Central Michigan University*, College of Medicine, Mount Pleasant, MI, USA
- 2015-2020 Biostatistician, Children's Research Center of Michigan, Children's Hospital of Michigan, *Wayne State University*, School of Medicine, Department of Pediatrics Detroit, MI, USA
- 2011-2012 Research Fellow, Department of Sociology, Anthropology, and Criminology, *University of Windsor*, ON, Canada
- 2006-2007 Research Assistant, Department of Mathematics & Statistics *University of Windsor*, ON, Canada

**Teaching Experience:**

- 2020-Todate Medical Education Faculty in Biostatistics, *Central Michigan University*, College of Medicine, Detroit, MI, USA
- 2015-2020 Pediatrics Education Faculty Member, *Wayne State University*, School of Medicine, Department of Pediatrics Detroit, MI, USA

**Teaching Workshops:**

List of Statistical Topic Presented to Faculty, Fellows, and Residents

- ANOVA Comparing More Than Two Groups with GraphPad Prism (2022)
- Introduction to Non-Parametric Methods with GraphPad Prism (2022)
- Categorical Data Analysis with GraphPad Prism (2021)
- Basic Statistics with GraphPad Prism (2021)
- Measures of Relative Association in Categorical data (2021)
- Statistics in Systematic Reviews and Meta-Analysis (2021)
- Introduction to Survival Analysis-I (2021)
- Introduction to Survival Analysis-II (2021)
- Statistical Power Analysis for Comparing Proportions (2020)
- Statistical Power Analysis for Comparing Means (2020)
- Statistical Methods Comparing More Than Two Groups-ANOVA-I (2020)
- Statistical Methods Comparing More Than Two Groups-ANOVA-II (2020)
- Measures of Association in Categorical data- I (2019)
- Measures of Association in Categorical data- II (2019)
- Simple Linear Regression & Correlation (2019)
- Estimation of Parameters by Confidence Interval (2018)
- Super Six Statistical Distributions in Clinical Studies (2018)
- Introduction to Statistics in Clinical Trials (2017)
- Application of Logistic Regression in Clinical Reports (2017)
- Non-Parametric Methods in Statistics (2016)
- Statistical Methods for Quality Improvement (2016)
- Statistical Power & Estimation of Sample Size in Medical Sciences (2016)
- Test of Significance (2016)
- Analysis of Categorical Data with Chi-Square Test (2016)
- Statistical Process Control for SIRS and Sepsis data (2016)
- Some Basic Concepts in Statistics (2016)
- Estimation of Parameters in Statistics (2015)
- Statistical Methods for Quality Improvement (2015)
- Early Identification and Timely management of Pediatric Sepsis (2015)
- Statistical Analysis with Sensitivity, Specificity, and ROC Curves (2015)

2011-2012 **Teaching Assistant**, Department of Sociology, Anthropology, and Criminology, *University of Windsor*, ON, Canada

**Course Assisted:**

- Intermediate Statistics

2008-2008 **Lecturer in Mathematics**, *King Fahd University of Petroleum and Minerals*, HBCC, Saudi Arabia

**Courses Taught:**

- Preparatory Mathematics-I
- Preparatory Mathematics-II
- Applied Calculus
- Finite Mathematics
- Differential Equations

2006-2007 **Teaching Assistant**, Department of Mathematics & Statistics *University of Windsor*, ON, Canada

**Courses Assisted:**

- Differential Calculus
- Integral Calculus

- Introduction to Probability
- 1997-2005      **Lecturer in Statistics**, *Garrison Post Graduate College for Men*, Lahore Cantt. Pakistan.

**Courses Taught:**

- Introduction to Statistics
- Measures of Central Tendency
- Measures of Variability
- Index Numbers
- Introduction to Probability
- Random Variable & Probability distributions
- Discrete Probability distributions
- Continuous Probability distributions
- Time series Analysis
- Correlation and Regression Analysis
- Survey Sampling
- Estimation of Parameters
- Testing of Hypothesis
- Analysis of Variance
- Analysis of Covariance
- Experimental Design
- Non-parametric Statistics

1996-1997      **Lecturer in Statistics**, *Siqara Degree College*, Lahore, Pakistan

**Statistical Software & IT Skills:**

2011      **Advance SAS Programming**, *Metro College of Technology*, Toronto, ON, Canada

2011      **Fundamentals of SAS Programming**, *Metro College of Technology*, Toronto, ON, Canada

**ADVANCE KNOWLEDGE AND EXPERIENCE:** SAS, IBMSPPSS, STATA, R, LATEX, AMOS, SMART BOARD, MINITAB, MPLUS, PASS, NCSS, GRAPHPAD PRISM, & FORTRAN.

**Certification & Training**

- SAS, Certified Base Programmer for SAS9.
- Healthcare Cost and Utilization Project (H.CUP) Data Use Training.
- Collaborative Institutional Training Initiative (CITI Program) - Responsible Conduct of Research.
- Collaborative Institutional Training Initiative (CITI Program) - CITI Health Information Privacy and Security (HIPS) for Students and Instructors.
- Collaborative Institutional Training Initiative (CITI Program) – Biomedical Investigators.
- Workplace Hazardous Materials Information System (WHMIS) Training.
- Ontario Certified Teacher.
- Boy Scouts Association.

**Professional Recognition & Honors:****Technical Reviewer/Editor/Judge**

- 2021      Judge, Sheldon Brenner & Wolf Zuelzer Fellows Research Competitions, University Pediatricians, Central Michigan University College of Medicine.
- 2020      Judge, Sheldon Brenner Award, Department of Pediatrics, *Wayne State University* School of Medicine.
- 2018      Judge, Wolf Zuelzer Fellows Research Competitions, Department of Pediatrics, *Wayne State University* School of Medicine.

- 2018 Judge, Sheldon Brenner Award, Department of Pediatrics, *Wayne State University* School of Medicine.
- 2018 Judge, Sheldon Brenner Award Finalists, Department of Pediatrics, *Wayne State University* School of Medicine.
- 2017 Grant Reviewer, Medical Student Summer Research Fellowship (MSSRF) grant *Wayne State University* School of Medicine.
- 2018 Reviewer, American Journal of Alzheimer's Disease & Other Dementias.
- 2019 Reviewer, International Journal of Imaging Systems and Technology.
- 2020 Reviewer, Boston Medical Center Pediatrics.
- 2021 Reviewer, Pediatrics.
- 2022 Reviewer, Clinical Pediatrics.

**Awards:**

- 2020 Best article selected entitled "Rapid sequence MRI protocol in the evaluation of pediatric brain attacks" in *Pediatric Neurology* 2019.
- 2019 Best paper selected and awarded among the 188 papers, entitled "Simulation and comparison of Theil Sen regression, Theil Sen Siegel regression, and Quantile regression with outliers in small samples" in *15th Islamic Countries Conference on Statistical Sciences (ICCS-15)*.

**2015-Todate Funded Research/Grants:**

<b>Role</b>	<b>Funding Agent</b>	<b>Title</b>	<b>Amount</b>
Biostatistician	Cross Blue Shield of Michigan	Brief Resolved Unexplained Events: Epidemiology, Clinical Evaluation and Patient Outcomes	\$9,957
Biostatistician	Children's Hospital of Michigan Foundation	Pedestrian and Motor Vehicle Accident Data Analysis	\$4,836
Biostatistician	Children's Hospital of Michigan Foundation	Systemic Steroids in the ED Management of Mild to Moderate Pediatric Asthma Exacerbations	\$7,160
Biostatistician	Blue Shield of Michigan Foundation	Systemic Steroids in the Emergency Department (ED) Management of Mild to Moderate	\$7,102
Biostatistician	Blue Cross Blue Shield of Michigan Foundation	The AAP BRUE CPG: Evaluation of Patient Outcomes	\$9,684
Biostatistician	Blue Shield of Michigan Foundation	Improving time to analgesia in children with acute long bone fractures in the Pediatric	\$10,000
Biostatistician	Blue Shield of Michigan Foundation	Bladder Stimulation Technique for Clean Catch Urine Collection in Infants: Assessing Impact on Patients and Providers in a Pediatric Emergency Department	\$13,971
Biostatistician	Blue Cross Blue Shield of Michigan	Psychiatric Medication Errors in a PED	\$10,000

2015-16 I have been working as a Biostatistician with Prashant Mahajan, M.D, on an awarded of \$5.76 million grant at 50% salary support.

**Scholarships & Grants:**

- 2019 Travel Grant for Proc.15th Islamic Countries Conference on Statistical sciences
- 2019 Travel Grant for Pediatric Academic Societies (PAS) Meeting.

- 2018 Travel Grant for Pediatric Academic Societies (PAS) Meeting.  
 2016-19 Full tuition scholarship provided by *Wayne State University* covered my studies towards the Ph.D. program.

### Lectures & Presentations:

- 2022 **Two**, one-hour didactic statistical presented to faculty, attending, resident, and fellowship physicians at Central Michigan University, Fellows Conference held at Children's Hospital of Michigan.
- 2021 **Six**, one-hour didactic statistical presented to faculty, attending, resident, and fellowship physicians at Central Michigan University, Fellows Conference held at Children's Hospital of Michigan.
- 2020 **Three**, one-hour didactic statistical presented to faculty, attending, resident, and fellowship physicians at Wayne State University Department of Pediatric, Fellows Conference held at Children's Hospital of Michigan.
- 2019 **Four**, one-hour didactic statistical presented to faculty, attending, resident, and fellowship physicians at Wayne State University Department of Pediatric, Fellows Conference held at Children's Hospital of Michigan.
- 2018 **Six**, one-hour didactic statistical lectures presented to residents, research fellow doctors and faculty members at Wayne State University Department of Pediatric, Fellows Conference held at Children's Hospital of Michigan.
- 2017 **Two**, one-hour didactic statistical lectures presented at Wayne State University Department of Pediatric Fellows Conference held at Children's Hospital of Michigan.
- 2016 **Seven**, one-hour didactic statistical lectures presented at Wayne State University Department of Pediatric Fellows Conference held at Children's Hospital of Michigan.
- 2015 **Four**, one-hour didactic statistical lectures presented to residents, research fellow doctors and faculty members at Wayne State University, School of Medicine.
- 2012 The influence of sex, age, marriage, income, rank, the position held, and stress on overall job satisfaction among the academic staff of the University of Windsor.
- 2011 Effect of Using Computer on Person's Weight at University of Windsor.
- 2007 Methods of estimation after group sequential at University of Windsor.
- 2006 **Four**, projects presented at Statistical consulting center on "A statistical analysis to see if laser acupuncture + education helps with smoking cessation as compared to only education or no treatment", "Selection of sample size and to study whether a new drug reduces the incidence of disease from a population in a randomized double-blind clinical trial", "Model fitting on fuel ejection data", "Analysis of the efficacy of an epithelial stress test" and "Analysis of experience and consistency in operating an EDS system" at Department of Statistics, University of Windsor, Ontario, Canada.

### Professional Development & Affiliations:

- Member, Biostatistics Journal Club at Wayne State University (2015-Todate).
- Member, Ontario College of Teachers (2011-2015).
- Honorary member, The Pie Club of the Mathematics and Statistics program at the University of Windsor (2006-Todate).
- Member, Ontario Association for Mathematics Education (2010-2011).
- Member, American Statistical Association (2006-2010).
- Member, Islamic Society of Statistical Sciences (1997-2004).

### Conferences Attended:

- Attended 15th Islamic Countries Conference on Statistical Sciences (ICCS-15)-Lahore, Pakistan (2019).
- Attended Pediatric Academic Societies (PAS) meeting-Baltimore, MA (2019).
- Attended Pediatric Academic Societies (PAS) meeting-Toronto, ON (2018).
- Attended 17<sup>th</sup> Annual Pediatric Research Day at Wayne State University-Detroit, MI (2018).

- Attended Annual Michigan SAS Users Group Conference- Lansing, MI (2017).
- Attended 16<sup>th</sup> Annual Pediatric Research Day at Wayne State University-Detroit, MI (2017).
- Attended 3rd Annual Social Justice in Education Conference Windsor, ON (2010).
- Attended the 16<sup>th</sup> international workshop on Matrices and Statistics Windsor, ON (2007).
- Attended 8<sup>th</sup> Islamic countries conference on Statistical Sciences-Lahore (2005).
- Attended 7<sup>th</sup> PSA and Islamic countries conference on Statistical Sciences-Lahore (1999).

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### Invited Presentations at Conferences & Workshops:

- Invited Guest Speaker at University of Management and Technology, Lahore Pakistan as a Statistical Expert (Dec-2019).

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### Poster/Abstract Presented as an Author/Co-Author:

1. Simulation and comparison of Theil Sen regression, Theil Sen Siegel regression, and Quantile regression with outliers in small samples, (2019) at 15th Islamic Countries Conference on Statistical Sciences (ICCS-15)
2. CT utilization Rates for all minor head injury patients, (2019). American Academy of Allergy Asthma & Immunology Annual Meeting, San Francisco, CA.
3. Can Obesity Alter the Immune Response to Childhood Vaccinations? (2019). American Academy of Allergy Asthma & Immunology Annual Meeting, San Francisco, CA.
4. Brief Resolved Unexplained Events: Redefining Higher Risk, (2019). Pediatric Academic Societies (PAS) Meeting.
5. Urinary Tract Infection in Febrile Children with Sickle Cell Anemia, (2019). Pediatric Academic Societies (PAS) Meeting.
6. Response to Fluid Bolus in Neonates with Acute Kidney Injury-A Retrospective Study, (2019). Pediatric Academic Societies (PAS) Meeting.
7. Fluid Bolus Administration in Neonates with Acute Kidney Injury – A Survey of Clinical Practice, (2019). Pediatric Academic Societies (PAS) Meeting.
8. Placental pathology and association with pattern of brain injury on magnetic resonance imaging in patients treated with therapeutic hypothermia for hypoxic ischemic encephalopathy, (2019). Pediatric Academic Societies (PAS) Meeting.
9. Effect of maternal Marijuana use on newborn treated for Neonatal Abstinence Syndrome, (2019). Pediatric Academic Societies (PAS) Meeting.
10. Clean Catch Urine Collection (CCU) in Infants: Impact on Patients and Providers in a Pediatric Emergency Department (PED), (2018). Pediatric Academic Societies (PAS) Meeting.
11. Emergency Department Procedural Sedation in Children with Autism Spectrum Disorder, (2018). Pediatric Academic Societies (PAS) Meeting.
12. Improving Analgesia for Long Bone Fractures in the Pediatric Emergency Department, (2018). Pediatric Academic Societies (PAS) Meeting.
13. Clinical Implications of Thrombocytopenia in Patients with Down syndrome and congenital heart disease, (2018). Pediatric Academic Societies (PAS) Meeting.
14. Noble JR, Zarling B, Geesey T, Smith E, Dulgheru E, Gill G, Desai S, Kaur N, **Farooqi A.**, Yassir W, Sethuraman U, (2017). Analgesic Administration in the Pediatric Emergency Department for Patients with Isolated Long-Bone Fractures. Paper presented at: Scientific Session 4A: Issues in Emergency Medicine. 2017 Annual Meeting of the Pediatric Trauma Society; November 2-4, 2017.
15. Jennifer Noble, MD, Daryl Tiong, MS2, Mordechai Sadowsky, MS2, **Farooqi A.**, Earl Hartwig, MD, FAAP, (2016). Online Initiative to Improve Education for Trainees at the Children's Hospital of Michigan Emergency Department.
16. Jon R. Felt, Chelsey Yurkovich, Danielle M. Garshott, Deepak Kamat, **Ahmad Farooqi**, (2017). The Utility of Real-Time Quantitative Polymerase Chain Reaction Genotype De-

- tection in the Diagnosis of Urinary Tract Infections in Children. Poster presented at 16<sup>th</sup> Annual Pediatric Research Day 2017, at Wayne State University, School of Medicine.
17. Paul R. Barach, Gerald F. Cox, James D. Wilkinson, Ron L. Thomas, Steven D. Colan, Jeffrey A. Towbin, **Ahmad A. Farooqi**, Christina Cordero, Steven E. Lipshultz, (2017). Spectrum of Gene Mutations in Pediatric Hypertrophic Cardiomyopathy. Poster presented at 16<sup>th</sup> Annual Pediatric Research Day 2017, at Wayne State University, School of Medicine.
  18. Melori McDonald, Christine Sandison, **Ahmad Farooqi**, (2016). Medication Management Skills of Adolescent Inflammatory Bowel Disease Patients. Poster presented at Children's Hospital of Michigan.

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### Selected Publications as an Author/Co-Author:

1. Velumula, P.K., Elbakoush, F., Tabb, C., **Farooqi A.**, et al, (2022). Breast milk vs 24% sucrose for procedural pain relief in preterm neonates: a non-inferiority randomized controlled trial. *J Perinatol.* <https://doi.org/10.1038/s41372-022-01352-2>.
2. Aishwarya Navalpakam, Narin Thanaputkaiporn, Crystal Ajja, **Farooqi A.**, Milind Pansare, Divya Seth, Jenny Huang, Pavadee Poowuttikul, (2022). Immune Profiles in Inner-city Asthmatic Children Receiving Frequent Systemic Steroids. *The Journal of allergy and clinical immunology.* 149(2): AB191. <https://doi.org/10.1016/j.jaci.2021.12.629>.
3. King Jason, Kannikeswaran Nirupama, Jain Amrish, **Farooqi A.**, Sethuraman Usha, (2022). Emergency Department Utilization and Serious Bacterial Infection Rates in Children with Renal Transplants. *Pediatric Emergency Care.* doi: 10.1097/PEC.0000000000002597.
4. Usha Sethuraman, Nirupama Kannikeswaran, Adam Singer, Carolyn B Krouse, Dawn Cloutier, **Farooqi A.**, Lydia Donoghue, Curt Stankovic, (2021). Trauma Visits to a Pediatric Emergency Department During the COVID-19 Quarantine and "Stay at Home" Period. *The American Surgeon.* <https://doi.org/10.1177/00031348211047497>.
5. Roxanne Cheung, Meghna Shukla, Katherine G. Akers, **Farooqi A.**, Usha Sethuraman, (2021). Bicycle handlebar injuries – a systematic review of pediatric chest and abdominal injuries, *The American Journal of Emergency Medicine*, Volume 51, 2022, Pages 13-21, ISSN 0735-6757, <https://doi.org/10.1016/j.ajem.2021.09.043>.
6. Ravichandran, Yagnaram, Parker, Sarah, **Farooqi, A.**, DeLaroche, Amy, (2021). Bladder Stimulation for Clean Catch Urine Collection Improved Parent and Provider Satisfaction. *Emergency Care.* doi: 10.1097/PEC.0000000000002524.
7. Sethuraman, Usha, Kannikeswaran, Nirupama, **Farooqi, A.**, Richards, Kimone, Chamberlain, James, (2021). Antipsychotic Medication Errors in Children Boarded in a Pediatric Emergency Department. *Pediatric Emergency Care: September 2021 - Volume 37 - Issue 9 - p e538-e542.* doi: 10.1097/PEC.0000000000002521.
8. Nirupama Kannikeswaran, Lalitha Sivaswamy, **Farooqi A.**, Usha Sethuraman, (2021). Children With Complex Febrile Seizures: Is Hospital Admission Necessary? *Clinical Pediatrics.* Volume: 60 Issue: 8, page(s): 363-369. <https://doi.org/10.1177/00099228211017702>
9. Yamuna Sanil, M.D., Amrit Misra, M.D., Raya Safa, M.D., Jennifer M. Blake, M.D., Ahmad Charaf Eddine, M.D., Preetha Balakrishnan, M.D., Richard U. Garcia, M.D., Rachel Taylor, M.D., John N. Dentel, M.D., Jocelyn Ang, M.D., Katherine Cashen, D.O., Sabrina M. Heidemann, M.D., Christian Bauerfield, M.D., Usha Sethuraman, M.D., **Farooqi A., Ph.D.**, Sanjeev Aggarwal, M.D., Gautam Singh, M.D., (2021). Echocardiographic Indicators Associated with Adverse Clinical Course and Cardiac Sequelae in Multisystem Inflammatory Syndrome in Children with COVID-19. *Journal of American Society of Echocardiography.* DOI: <https://doi.org/10.1016/j.echo.2021.04.018>.
10. Karima A. Lelak, Varun Vohra, Mark I. Neuman, **Farooqi A.**, Michael S. Toce and Usha Sethuraman, (2021). COVID-19 and Pediatric Ingestions. *Pediatrics*, e2021051001, DOI: <https://doi.org/10.1542/peds.2021-051001>.
11. Noman Arshed, Waqas Ahmad, Mubasher Munir & **Farooqi A.**, (2021). Estimation of national stress index using socioeconomic antecedents – a case of MIMIC model. *Psychology, Health & Medicine*, DOI: 10.1080/13548506.2021.1903051.

12. Carolina Vega, Nirupama Kannikeswaran, **Farooqi A.**, Rajan Arora, (2021). Toys and Toy Accessories Strike Back: Pediatric Injuries from Plush Toys, Toy Figurines, and Doll and Toy Accessories. *Pediatric Emergency Care*. DOI: [10.1097/PEC.0000000000002389](https://doi.org/10.1097/PEC.0000000000002389).
13. Amarilis Martin, Peter T Rycus, **Farooqi A.**, Katherine Cashen, (2021). Extracorporeal membrane oxygenation outcomes in children with Williams syndrome: a review of the ELSO registry. *Perfusion*. <https://doi.org/10.1177/0267659121999299>.
14. Nirupama Kannikeswaran, Lavina desai, **Farooqi A.**, Lalitha Sivaswamy, (2021). Effectiveness of Standard Combination Therapy in Pediatric Migraine. *Pediatric Neurology*, 116,68-73.
15. Rita Haddad, Sarah Parker, **Farooqi A.**, Amy M DeLaroche (2021). Diagnostic Evaluation Low Yield for Patients with a Lower-Risk Brief Resolved Unexplained Event. *Global Pediatric Health*. <https://doi.org/10.1177/2333794X20967586>.
16. **Farooqi A.**, & Ronald Thomas, (2020). Simulation and comparison of Theil Sen Regression, Theil Sen Siegel Regression, and Quantile Regression with outliers. Proc. *15th Islamic Countries Conference on Statistical Sciences Lahore, Pakistan*. Vol. 34, pp. 1-14.
17. Jenny Huang, Bani Kaur, **Farooqi A.**, Tayaba Miah, Eric McGrath, Divya Seth, Elizabeth Secord, and Pavadee Poowuttikul, (2020). Elevated Glycated Hemoglobin Is Associated with Reduced Antibody Responses to Vaccinations in Children. *Pediatric Allergy, Immunology, and Pulmonology*. <https://doi.org/10.1089/ped.2020.1308>.
18. Chelsey Yurkovich, Dena Nazer, **Ahmad Farooqi**, Nirupama Kannikeswaran (2020). Does Postmortem Imaging Provide Additional Findings After Unexpected Deaths in Infants and Children? *Pediatric Emergency Care*. DOI: 10.1097/pec.0000000000002268 PMID: 33105461.
19. Prashant Agarwal, Amit Sharma, **Farooqi A.**, & Girija Natarajan, (2020). Impact of different cord clamping strategies on short term neuro monitoring among preterm infants: a randomized, controlled trial. *Journal of Perinatology*, DOI:10.1038/s41372020-0684-3.
20. Nehal Patel, **Farooqi A.**, Callaghan Michael & Usha Sethuraman, (2020). Tract Infection in Febrile Children with Sickle Cell Disease Who Present to the Emergency Room with Fever. *Journal of Clinical Medicine* 9(5):1531.
21. Amy M. DeLaroche, Rita Haddad, **Farooqi A.**, Robert E. Sapién & Joel S. Tieder, (2020). Outcome Prediction of Higher-Risk Brief Resolved Unexplained Events. *Hospital Pediatrics*, 10 (4) 303-310; DOI: <https://doi.org/10.1542/hpeds.2019-0195>.
22. Kim, Ji-Yeon; Sarnaik, Ajit; **Farooqi A.**, Casen, Katherine, (2020). Contemporary feeding practices in postoperative patients with congenital heart disease. *Critical Care Medicine*. Volume 48 - Issue 1 - p 66.
23. **Farooqi A.**, (2019). Application of latent growth modeling on mother-reported monitoring, *Journal of Applied Structural Equation Modeling*: 3(2), 1-8.
24. Gracia De Jong MD., Nirupama Kannikeswaran MD., Amy Delaroche MBBS., **Farooqi A.**, PhD., Lalitha Sivaswamy MD., (2019). Rapid Sequence MRI Protocol in the Evaluation of Pediatric Brain Attacks., *Pediatric Neurology*., <https://doi.org/10.1016/j.pediatrneuro.2019.12.007>.
25. Jennifer R Noble., MD; Bradley Zarling., MD; Thomas Geesey., BS; Erich Smith., BA; **Farooqi A.**, MPhil; Walid Yassir., MD; Usha Sethuraman., MD. (2019). Title: Analgesia Use in Children with Acute Long Bone Fractures in the Pediatric Emergency Department. *Journal of Emergency Medicine*. DOI: 10.1016/j.jemermed.2019.09.018.
26. Radhika Gutta BS., Kelly J. Valentini BS., Gunjanpreet Kaur MBBS., **Farooqi A.**, MPhil., Lalitha Sivaswamy MD., (2019). Management of Childhood Migraine by Headache Specialist vs Non-Headache Specialists., *The Journal of Head and Face Pain*: <https://doi.org/10.1111/head.13660>.
27. Thomas Czolgosz, Katherine Cashen, **Farooqi A.**, Nirupama Kannikeswaran, (2019). Delayed Admissions to the Pediatric Intensive Care Unit: Progression of Disease or Errors in Emergency Department Management. *Pediatric emergency care*: 35(8), 568-574.
28. M Luetje, N Kannikeswaran, R Arora, B Wang, **Farooqi A.**, & L Sivaswamy, (2019). Utility of Neuroimaging in Children Presenting to a Pediatric Emergency Department with

Ataxia. *Pediatric emergency care*. DOI: 10.1097/PEC.0000000000001823, PMID: 30932991

29. J. Brown, James & M. Gray, James & G. Roback, Mark & Sethuraman, Usha & **Farooqi A.**, & Kannikeswaran, Nirupama, (2018). Procedural sedation in children with autism spectrum disorders in the emergency department. *The American Journal of Emergency Medicine*. 10.1016/j.ajem.2018.10.025.
  30. Dr. Anat Cohen, Dr. Rajkumar Agarwal, **Ahmad Farooqi**, Dr. Nirupama Kannikeswaran, (2018). Is Shunt Evaluation Useful in Children with Intraventricular Shunts with Seizures? *Pediatric Neurology*. <https://doi.org/10.1016/j.pediatrneurol.2018.08>.
  31. Stuart Covi, Yaddanapudi Ravindranath, **Farooqi A.**, Sureyya Savasan, Roland Chu, Sanjeev Aggarwal, (2018). Changes in Bi-ventricular Function after Hematopoietic Stem Cell Transplant as Assessed by Speckle Tracking Echocardiography. *Pediatric cardiology*, Vol. 39, No. 2, p. 365-374.
  32. Nirupama Kannikeswaran, **Farooqi A.**, Cindy Chidi, Deepak Kamat, (2017). Procedural Sedation and Analgesia in Children in Emergency Department—Role of Adjunct Therapies. *Open Journal of Anesthesiology* Vol.7 No.11. DOI:10.4236/ojanes.2017.711038.
  33. Emily Mathias, Vin Tangpricha, Ajit Sarnaik, **Farooqi A.**, Usha Sethuraman, (2017). Association of Vitamin D with Cathelicidin and Vitamin D Binding Protein in Pediatric Sepsis. *Journal of Clinical & Translational Endocrinology*, Volume 10, Pages 36-38. <https://doi.org/10.1016/j.jcte.2017.11.001>.
  34. Amy M. Delaroché, Lalitha Sivaswamy, **Farooqi A.**, Nirupama Kannikeswaran, (2017). Pediatric Stroke and Its Mimics: Limitations of a Pediatric Stroke Clinical Pathway, *Pediatric Neurology*, <http://dx.doi.org/10.1016/j>.
  35. Felt JR, Yurkovich C, Garshott DM, Kamat D, **Farooqi A.**, Fribley AM, Callaghan MU, Hebert K. *Clin Pediatr (Phila)*, (2017). The Utility of Real-Time Quantitative Polymerase Chain Reaction Genotype Detection in the Diagnosis of Urinary Tract Infections in Children. Apr 24:9922817706144, DOI: 10.1177/0009922817706144.
  36. Thomas, R. L., Barach, P. R., Wilkinson, J. D., **Farooqi A.**, & Lipshultz, S. E. (2017). The danger of relying on the interpretation of p-values in single studies: Irreproducibility of results from clinical studies, *Progress in Pediatric Cardiology*, 44, 57-61. DOI: 10.1016/j.ppedcard.2017.02.002
  37. Delaroché A, Sivaswamy L, **Farooqi A.**, Kannikeswaran N, (2016). Pediatric Stroke Clinical Pathway Improves the Time to Diagnosis in an Emergency Department, *Pediatric Neurology*, volume 65, pages 39-44.
  38. Covi S, Ravindranath Y, **Farooqi A.**, Savasan S, Aggarwal S, (2016). Effect of hematopoietic stem cell transplantation on bi-ventricular function as assessed by speckle tracking echocardiography, *Journal of the American Society of Echocardiography*, Vol.29, Issue 6, B92.
  39. Kannikeswaran N, Lieh-Lai M, Malian M, Wang B, **Farooqi A.**, Roback MG, (2016). Optimal dosing of intravenous ketamine for procedural sedation in children in the ED—a randomized controlled trial. *Am J Emerg Med*, 34(8):1347-1353.
  40. **Farooqi A.**, (2015). A study of Demographic and Personality factors related to General state of health, *International Journal of applied research*. Vol. 3, P. 1-11.
  41. **Farooqi A.**, (2014). ARIMA Model Building and Forecasting on Imports and Exports of Pakistan, *Pakistan Journal of statistics and operations research*, Vol. 10 No. 2, P. 157-168.
  42. Sohail, **Farooqi A.**, and Maryam, (2013). A factor model of parenting style using exploratory and confirmatory factor analysis, *Middle East Journal of Scientific research* 15 (7):1028-1034.
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