

ABSTRACTS/PRESENTATIONS (NATIONAL)

Admin

- **Dr. Kathleen Meert**

- Morgan RW, Berg RA, Reeder RW, **Meert KL**, Yates AR, Landis WP, Graham K, Locandro C, Telford R, Tilford B, Wolfe HA, Nadkarni VM, Sutton RM for the NICHD Collaborative Pediatric Critical Care Research Network (CPCCRN), and the NHLBI ICU-RESUSCitation Project Investigators. Hemodynamic Response to Epinephrine during Pediatric Cardiac Arrest is Associated with Outcome. Presented at the Society of Critical Care Medicine Meeting, Orlando, FL, 2/2020.
- Morgan RW, Telford R, Reeder RW, **Meert KL**, Yates AR, Graham K, Landis WP, Kilbaugh TJ, Nadkarni VM, Berg RA, Sutton RM, NICHD Collaborative Pediatric Critical Care Research Network (CPCCRN), and the Pediatric Intensive Care Quality of Cardio-Pulmonary Resuscitation (PICQ CPR) Investigators. Hemodynamics during Cardiopulmonary Resuscitation for Bradycardia with Poor Perfusion. Presented at the Society of Critical Care Medicine Meeting, Orlando, FL, 2/2020.
- Pollack M, Banks R, Holukov R, **Meert KL** for the NICHD Collaborative Pediatric Critical Care Research Network (CPCCRN). Morbidity & Mortality in Critically Ill Children. Part I. Pathophysiologies and Potential Therapies. Presented at the Society of Critical Care Medicine Meeting, Orlando, FL, 2/2020.
- **Meert KL**, Banks R, Holukov R, Pollack M for the NICHD Collaborative Pediatric Critical Care Research Network (CPCCRN). Morbidity & Mortality in Critically Ill Children. Part II. Details derived from Individual Patients. Presented at the Society of Critical Care Medicine Meeting, Orlando, FL, 2/2020.
- Pawluszka A, Coleman W, Suttle M, McKenzie A, Beers S, Willey R, Grosskreuz R, October T, DiLiberto AM, Amey D, **Meert KL**, Hall M, Mourani P, Berg R, Zuppa A, Wessel D, Pollack M, Carcillo J, McQuillen P, Fink E. CPCCRN Family Network Collaborative: Engaging Families in Pediatric Critical Care Research. Presented at the Society of Critical Care Medicine Meeting, Orlando, FL, 2/2020.
- Wolfe HA, Sutton RM, Reeder RW, **Meert KL**, Pollack MM, Yates AR, Berger JT, Newth CJL, Carcillo JA, McQuillen PS, Harrison RE, Moler FW, Carpenter TC, Notterman DA, Holubkov R, Dean JM, Nadkarni VM, Berg RA, for the NICHD Collaborative Pediatric Critical Care Research Network (CPCCRN) Pediatric Intensive Care Quality of Cardiopulmonary Resuscitation (PICQ CPR) Investigators. Cardiopulmonary Resuscitation Quality Measured by Diastolic Blood Pressure during Day versus Night. Presented at the Society of Critical Care Medicine Meeting, Orlando, FL, 2/2020.
- Leroue MK, Curtin P, Sontag MK, Williamson KM, Wagner BD, Ambroggio L, Bixby M, Busgang S, Murphy SE, Peterson LA, Vevang KR, Sipe CJ, Tang MK, Harris JK, Reeder R, Locandro C, Carpenter TC, Maddux AB, Simoes E, Osborne CM, Ziegler K, Robertson CE, Langelier C, Kamm J, DeRisi JL, Hall MW, Zuppa A, Carcillo J, **Meert K**, Sapru A, Pollack M, McQuillen P, Nottingham DA, Mourani PM, for the NICHD Collaborative Pediatric Critical Care Research Network (CPCCRN). The Relationship of Tobacco Smoke Exposure on the Lower Airways Microbiome and Clinical Outcomes of Critically Ill, Mechanically Ventilated Pediatric Patients. Accepted to the Pediatric Academic Societies Meeting, Philadelphia, PA, 4/2020. (Meeting canceled due to COVID).

- Suttle M, Hall MW, Pollack MM, Berg R, McQuillen PS, Mourani P, Sapru A, Carcillo J, Startup E, Holubkov R, Notterman DA, **Meert K**. Therapeutic Alliance between Bereaved Parents and Physicians in the Pediatric Intensive Care Unit (PICU). Accepted to the Pediatric Academic Societies Meeting, Philadelphia, PA, 4/2020. (Meeting canceled due to COVID).
- Fink E, Maddux A, Pinto N, Carcillo J, Berg R, Zuppa A, Pollack M, **Meert K**, Hall M, Sapru A, McQuillen P, Mourani P, Dean J, Notterman D, Smith M, Sorenson S, Ringwood M, Houtrow A, Long D, Carvalho W, Demirkol D, Knoester H, Sankar J, Manning J, Argent A, Choong K, Slomine B, Lee JH, Arias Lopez M, Grosskreuz R, Butts W, Curley M, Amey D, Morrows B, Olson L, Watson RS. A Core Outcome Set for Pediatric Critical Care Research. Accepted to World Federation of Pediatric Intensive and Critical Care Society (WFPICCS), Mexico City, Mexico, 6/2020.
- Garcia R, **Meert K**, Safa R, Aggarwal S. Noninvasive measurement of CVP after cardiac surgery. Pediatric Cardiac Intensive Care Society 16th Annual Meeting. Miami, FL, 12/2020.
- Miya T, Furlong-Dillard J, Sizemore J, **Meert K**, Dalton H, Reeder R, Bailly D. The Association of Ventilator Settings and Mortality among Pediatric Patients receiving Extracorporeal Membrane Oxygenation for Respiratory Failure. 31st Annual ELSO Virtual Conference, 9/2020

Allergy/Immunology/Rheumatology

• Dr. Pavadee Poowuttikul

- Poowuttikul, P.; Implementation and Dissemination of Picture-Based Asthma Action Plan to AAAAI and SAMPROTM. Oral presentation. 2020 American Academy of Allergy, Asthma and Immunology (AAAAI) virtual annual meeting, Philadelphia, PA 03/2020
- Navalpakam, A., Saini, S., Seth, D., Huang, H., Poowuttikul, P. A Quality Improvement Initiative to Improve Resident- Physician Practices Regarding Flu Vaccine Administration in Individuals with Egg Allergy. Accepted in 11/2020 for 02/2021 AAAAI virtual annual meeting 2021.
- Saini, S., Navalpakam, A., Seth, D., Huang, H., Poowuttikul, P. A Quality Improvement Initiative to Improve Resident-Physician Practices Regarding Peanut Introduction in Infancy. Accepted in 11/2020 for 02/2021 AAAAI virtual annual meeting 2021.
- Saini, S., Huang, J.Y., Seth, D., Secord, E., Poowuttikul, P. Pulmonary Sclerosing Hemangioma in a Young Adult with Coexisting 22q11.2 deletion, Evans Syndrome and CVID with MALT1 variant. 03/2020 AAAAI virtual annual meeting 2020. Philadelphia, PA
- Alvarez, A., Gupta, M., Poowuttikul, P., Baptist, A. Knowledge Assessment of Addendum Guidelines for the Prevention of Peanut Allergy in the United States Among Pediatric Primary Care Providers. 03/2020 AAAAI virtual annual meeting 2020. Philadelphia, PA

• Dr. Jenny Huang

- Huang, Jenny, et. al: Comparison of Mortality of Matched Newborn Infants with Low TREC Levels of Unidentified Etiology. Abstract accepted for Clinical Immunology Society, April 2020 meeting cancelled.

- **Dr. Milind Pansare**
 - Survey exploring barriers to allergy clinic visits in an urban pediatric Subspecialty center. Saini, S. Agarwal S, Pansare M. Annals of Allergy, Asthma & Immunology, Volume 125, Issue 5, S45, Nov 2020 presented at National meeting of American College of Asthma, Allergy, and Immunology. Virtual meeting, Nov 2020.

Cardiology

- **Dr. Thomas Forbes**
 - Presented (3 talks) and Moderated (3 talks) at the SCAI Meeting (Virtual) in May 2021 and the PICS meeting September 2020)
- **Dr. Preetha Balakrishnan**
 - Akam-Venkata J, Thankavel P, Hussain MT, Balakrishnan P, Ikemba C. Fetal echocardiographic predictors of coarctation of aorta in atrioventricular septal defect. Journal of the American Society of Echocardiography, Volume 33, Issue 6, June 2020, Page B58.
- **Dr. Yamuna Sanil**
 - American Society of Echocardiography Annual Conference 2020: Poster presentation ‘ Tetralogy of Fallot with absent pulmonary and anomalous origin of the left pulmonary artery from the aorta-Is there an intervening ductal tissue?’
- **Dr. Raya Safa**
 - 16 Annual International Meeting of Pediatric Cardiac Intensive Care society- December 2020.

a-Title: Berlin Heart Excor explantation in a patient with life threatening arrhythmia: Poster Presentation: Jordan Schneider, Diana Torpoco Rivera, John Dentel, Raya Safa, Swati Sehgal.

b-Non invasive measurement of Central Venous pressure after Cardiac surgery. Richard Garcia, Kathleen Meert, Raya Safa. Sanjeev Aggarwal.
- **Dr. Sanjeev Aggarwal**
 - Doctor P, Balakrishnan P, Sriram C, **Aggarwal S**. Does Premature Ventricular Contractions Affect Exercise Capacity in Teenagers with Normal Hearts? Pediatr Cardiol. 2021 Jan 4. doi: 10.1007/s00246-020-02521-w. Online ahead of print. PMID: 33394114
 - Sriram CS, Gonzalez MD, **Aggarwal S**. Left posterior fascicular ventricular tachycardia in a young infant with a structurally normal heart: Clinical course and caveats to electrocardiographic diagnosis. J Electrocardiol. 2020 Dec 11;64:85-90. doi: 10.1016/j.jelectrocard.2020.12.003. Online ahead of print. PMID: 33360625
 - Torpoco Rivera DM, Garcia RU, **Aggarwal S**. Vasoactive-ventilation-renal score: a reliable prognostic index for perioperative outcomes following congenital heart surgery in adults. Cardiol Young. 2020 Dec 17:1-7. doi: 10.1017/S1047951120004588. Online ahead of print. PMID: 33327981
 - Takajo D, **Aggarwal S**. A rhabdomyoma in the right ventricle presenting as hemodynamics of hypoplastic right heart. Cardiol Young. 2020 Oct;30(10):1527-1529. doi: 10.1017/S1047951120002358. Epub 2020 Aug 5. PMID: 32753082

- Bansal N, Forbes TJ, **Aggarwal S**. Saccular "Cauliflower" aneurysm of coarctation of aorta: a hybrid management. *Cardiol Young*. 2020 Sep; 30(9):1360-1362. doi: 0.1017/S1047951120002140. Epub 2020 Aug 3. PMID: 32741395
- Konduri A, **Aggarwal S**. Partial and Total Anomalous Pulmonary Venous Connection. 2020 Jul 18. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2020 Jan-. PMID: 32809542 Free Books & Documents. Review.
- Zoma JM, **Aggarwal S**, Gabali A, Kobayashi D. A rare case of primary cardiac Hodgkin lymphoma in a child. *Cardiol Young*. 2020 Jun;30(6):866-868. doi: 10.1017/S1047951120001183. PMID: 32513336
- Takajo D, Sriram CS, **Aggarwal S**. Silent in situ thrombus within a hypoplastic left ventricle in a teenager with Fontan palliation. *Cardiol Young*. 2020 Aug;30(8):1175-1177. doi: 10.1017/S1047951120001511. Epub 2020 Jun 9.
- Takajo D, Forbes TJ, **Aggarwal S**. Recurrent infective endocarditis in a patient after a second Melody valve placement. *Cardiol Young*. 2020 Jul;30(7):1050-1051. doi: 10.1017/S1047951120001389. Epub 2020 Jun 5. PMID: 32498746
- Akam-Venkata J, **Aggarwal S**, Karpawich PP. Influenza associated with circulatory collapse and atrioventricular block in an unvaccinated child with repaired CHD. *Cardiol Young*. 2020 May;30(5):740-742. doi: 10.1017/S1047951120000797. Epub 2020 Apr 20. PMID: 32308173
- Bansal N, Adams MJ, Ganatra S, Colan SD, **Aggarwal S**, Steiner R, Amdani S, Lipshultz ER, Lipshultz SE. Strategies to prevent anthracycline-induced cardiotoxicity in cancer survivors. *Cardiooncology*. 2019 Dec 2;5:18. doi: 10.1186/s40959-019-0054-5. eCollection 2019. PMID: 32154024 Free PMC article. Review.
- Garcia RU, Balakrishnan PL, **Aggarwal S**. Does obesity affect the short-term outcomes after cardiothoracic surgery in adolescents with congenital heart disease? *Cardiol Young*. 2020 Mar;30(3):372-376. doi: 10.1017/S1047951119003329. Epub 2020 Jan 9. PMID: 31915104
- Akam-Venkata J, Kadiu G, Galas J, **Aggarwal S**. Prechemotherapy subclinical left ventricular dysfunction: Do we know the mechanism? *Echocardiography*. 2020 Jan;37(1):156-157. doi: 10.1111/echo.14556. Epub 2020 Jan 6. PMID: 31903623
- **Dr. Ahmad Charaf Eddine**
 - " Focus on Pediatric" Conference sponsored by Detroit Medical Center. Common Teenage Cardiac Concerns: Syncope and Related Clinical Syndromes. Troy, MI February 2020.
- **Dr. Peter Karpawich**
 - **Invited Academic Faculty**, PediRhythm IX International Scientific Symposium
Faculty Lecture: "Selective Site Cardiac Pacing Pros/Cons". Cracow, Poland, September 2020
 - **Karpawich PP**, Menon D, Kadiu G, Zelin K, Aggarwal S. Resynchronization Pacing for Heart Failure among Congenital Heart Patients: A Twenty Year Review of Defining Success: Think Beyond Ejection Fraction. Heart Rhythm Society 41st Scientific Sessions, June 2020
 - Torpoco D, Aggarwal S, Kadiu G, **Karpawich PP**. Left Epicardial vs. Best-site Right Ventricular Transvenous Pacing in Congenital Heart Block Patients: Ventricular Function Comparisons using

2D Speckle Imaging. Amer Acad Pediatrics Scientific Sessions, Section of Cardiology, October, 2020

- Torpoco D, Aggarwal S, Kadiu G, **Karpawich PP**. Updated Echocardiographic Effects of Long-term Pacing in Left Ventricular and Left Atrial Function in Patients with Congenital Heart Block: Outflow Tract vs Apical Pacing Sites Amer Acad Pediatrics Scientific Sessions, Section of Cardiology, October, 2020
- **Dr. Pooja Gupta**
 - Cardiac Work: A New Parameter to Assess the Ventricular Arterial Interaction in Patients with Repaired Congenital Heart Disease Amrit Misra, Pooja Gupta and Sanjeev Aggarwal Pediatrics July 2020, 146 (1 Meeting Abstract) 617; DOI: https://doi.org/10.1542/peds.146.1_MeetingAbstract.617
- **Dr. Robert Ross**
 - Sasaki T, Forbes T, Ross RD, Kawasaki Y, Kobayashi D. Cardiac Catheterization for Hemoptosis in a Children's Hospital Cardiac Catheterization Laboratory: A 15 Year Experience. Pediatr Cardiol 2020;41;1252.
 - Kawasaki Y, Sasaki T, Forbes T, Ross RD, Kobayashi K. Optimal Criteria of Transcatheter Closure of Fontan Fenestration-A Single-Center Experience with a Review of the Literature. Pediatr Cardiol 2020;41;1271-1272.

Critical Care Medicine

- **Dr. Richard Garcia**
 - Doctor P, Aggarwal S, and Garcia, RU. Is Near Infrared Spectroscopy Associated with Low Cardiac Output and Adverse Outcomes in Single Ventricle Patients after Stage I Palliation? National Annual PC4 Conference Ann Arbor, Michigan. November 19th 2020
 - Garcia R, Meert K, Safa R, and Aggarwal S. Inferior Vena Cava Collapsibility Index to Assess Central Venous Pressure in Perioperative Period Following Cardiac Surgery in Children. The Pediatric Cardiac Intensive Care Society 16th International Conference. Miami, Florida December 9-11th 2020
- **Dr. Andrew Prout**
 - Isoflurane for Near-Fatal Asthma Complicated by Malignant Hyperthermia (abstract accepted at Society of Critical Care Medicine, co-author)
 - High Dose Insulin for Calcium Channel Blocker Overdose In A Pediatric Patient (abstract accepted at Society of Critical Care Medicine, co-author)
- **Dr. Lauren Yagiela**
 - Case Report: SCCM abstract / presentation Martin A, Cashen K, **Yagiela L**, Tilford B
Title: Severe Refractory Lactic Acidosis Treated with Thiamine and Levocarnitine in a Child with Malignancy

- **Dr. Ji-Yeon Kim**
 - Contemporary Feeding Practices in Postoperative Patients with Congenital Heart Disease
Principal investigator for clinical research on assessing current nutritional practices in postop patients with CHD 2020 SCCM Conference Presentation
- **Dr. Christian Bauerfeld**
 - Dmitry Davydov, MD, Amarilis Martin, MD and Christian Bauerfeld, MD
Detrimental effects of internet-promoted “healthy” homemade formula in two infants.
AAP meeting October 2020; Abstract P0456
- **Dr. Katherine Cashen**
 - Martin A, Cashen K, Yagiela L, Tilford B. Severe Refractory Lactic Acidosis Treated with Thiamine and Levocarnitine in a child with malignancy. Crit Care Med 2020; 48(1) 207.
 - Martin A, Rycus P, Cashen K. ECMO Outcome in Children with Williams Syndrome: A review of the ELSO Registry. Crit Care Med 2020; 48(1) 100
 - Kim JY, Sarnaik A, Farooqi A, Cashen K. Contemporary Feeding Practices in Postoperative Patients with Congenital Heart Disease. Crit Care Med 2020; 48(1):66
 - Cashen K. ECMO: A viable option in SARS COVID-2 Pandemic. Oral presentation at the Society of Critical Care Medicine Midwest Chapter Virtual Conference. August, 2020.
 - Radman M, Mastropietro CW, Costello JM, Amula V, Flores S, Caudill E, Karki K, Migally K, Narasimhulu S, Piggott K, Sassalos P, Wilhelm M, Moser EA, Cashen K. Intermediate Outcomes after ALCAPA Repair. Society of Thoracic Surgery International Meeting January 2020; New Orleans, LA.
 - Noble J, Kagithala S, Haslitt D, DeLaroche A, **Cashen K.** Adult rapid response events in a Children’s Hospital. American Academy of Pediatrics Virtual National Conference and Exhibition. 2020
 - Martin A, **Cashen K**, Yagiela L, Tilford B. Severe Refractory Lactic Acidosis Treated with Thiamine and Levocarnitine in a child with malignancy. Society of Critical Care Medicine International Meeting. February 2020; Orlando, FL.
 - Martin A, Rycus P, **Cashen K.** ECMO Outcome in Children with Williams Syndrome: A review of the ELSO Registry. Society of Critical Care Medicine International Meeting. February 2020; Orlando, FL
 - Kim JY, Sarnaik A, Farooqi A, **Cashen K.** Contemporary Feeding Practices in Postoperative Patients with Congenital Heart Disease. Society of Critical Care Medicine International Meeting. February 2020; Orlando, FL
- **Dr. Ajit Sarnaik**
 - “Contemporary Feeding Practices in Postoperative Patients With Congenital Heart Disease,” Society of Critical Care Medicine 49th Annual Congress. Role: co-author, mentor (Dr. Ji-Yeon Kim was 1st author and presenter) Feb 2020

Emergency Medicine

- **Dr. Jennifer Noble**

- Stankovic C, Kannikeswaran N, Singer A, Noble J, Cloutier D, Backes C, Donoghue L, Sethuraman U. Impact of State Issued Stay at Home Order on Pediatric Trauma. Pediatric Trauma Society 7th Annual Meeting. New Orleans, LA. Nov 6th, 2020.
- Noble J, Kagithala S, Haslitt D, Cashen K, DeLaroche A. Adult Rapid Response Events in a Children's Hospital. National Conference & Exhibition Section on Critical Care. Virtual Poster, October 2020.
- Noble J, Creighton T, Shawver L, Brodsky A, Haslitt D, Kagithala S, Brady J, Patel D, Condon Z, Vora K, Abelebdeh M, Desai S, Peram N, Ehrman R. Patient and Provider Factors Influence Chest Radiography Use in the Diagnosis of Pediatric Pneumonia. (Virtual) Lightning Oral Presentation. Society for Academic Emergency Medicine Annual Meeting. Denver, CO. May 14, 2020.
- Noble J, Shawver L, Brodsky A, Haslitt D, Kagithala S, Condon Z, Rozen E, Sullivan A, Bunting L, Khait L, Favot M, Ehrman R. Outpatient Pneumonia Management Before and After the American Academy of Pediatrics Guidelines. Oral Presentation. Pediatric Academic Societies Annual Meeting. Philadelphia, PA. May 4, 2020.
- Noble J, Creighton T, Shawver L, Brodsky A, Haslitt D, Kagithala S, Brady J, Patel D, Condon Z, Vora K, Abelebdeh M, Desai S, Peram N, Ehrman R. Patient and Provider Factors Influence Chest Radiography Use in the Diagnosis of Pediatric Pneumonia. Lightning Oral Presentation. Society for Academic Emergency Medicine Regional Meeting (Virtual), September 23, 2020

- **Dr. Kelly Levasseur**

- Cindy Roskind, Kelly Levasseur, Noelle Zuckerbraun, Maybelle Kou, Jerri Rose, Tien Vu, Melissa Langhan. "*Pediatric Emergency Medicine Fellows' Milestone Evaluations: Do they all meet the milestone targets for graduation?*". Accepted at American Pediatric Program Directors annual meeting. San Diego, 2020.
- Sandal Saleem, MD; Kelly Levasseur, DO. *Facial swelling post Tympanomastoidectomy: a case report*, accepted at American Academy of Emergency Medicine, Phoenix, April 2020.
- Kelly Levasseur, Noelle Zuckerbraun, Maybelle Kou, Jerri Rose, Cindy Roskind, Tien Vu Melissa Langhan. Female vs Male Milestone Assessments in a National Sample of Pediatric Emergency Medicine Fellowship Programs, has been accepted for presentation at SAEM20. Denver, 05/2020.
- Tien, Vu, Noelle Zuckerbraun, Maybelle Kou, Jerri Rose, Cindy Roskind, Kelly Levasseur, Melissa Langhan. Milestone Achievements in Pediatric Emergency Medicine Fellows: Impact of Primary Residency Training, has been accepted for presentation at SAEM20, Denver, 05/2020.
- Sandal Saleem, MD; Jessica Jary, DO, Kelly Levasseur, DO. Specific concussion curriculum: Does it improve resident's comfort, knowledge and in-training scores? accepted Pediatric Academic Society Annual meeting, Philadelphia, 2020.
- Jerri Rose, Maybelle Kou, Kelly Levasseur, Cindy Roskind, Tien Vu, Noelle Zuckerbraun, Melissa Langhan "Milestones achievement from residency to fellowship: Is it a continuum?" Accepted Pediatric Academic Society annual meeting, Baltimore, 2020
- Noelle Zuckerbraun, Kelly Levasseur, Maybelle Kou, Jerri Rose, Cindy Roskind, Tien Vu Melissa

Langhan "Comparison of Female vs Male Milestone Assessments in a National Sample of Pediatric Emergency Medicine Fellowship Programs", Accepted Pediatric Academic Society annual meeting, Baltimore, 2020

- Cindy Roskind, Kelly Levasseur, Noelle Zuckerbraun, Maybelle Kou, Jerri Rose, Tien Vu Melissa Langhan "Pediatric Emergency Medicine Fellows' Milestone Evaluations: Do they all meet the milestone targets for graduation?" Accepted Pediatric Academic Society annual meeting, Baltimore, 2020

- **Dr. Rajan Arora**

- Arora R. Factors associated with avoidable interhospital transfers for children with a minor head injury. 7th Annual meeting, Pediatric Trauma Society, Nov 2020.
- Arora R. Pediatric Minor Head Injury-Related Return Visits to the Emergency Department and their Outcomes. SAEM Annual meeting, Denver, May 2020.
- Shihan H, Arora R et al. Minor Head Injury Transfers to Academic Pediatric Emergency Department: Trends and Outcomes. SAEM Annual Meeting, Denver, May 2020.
- Kocher K, White E, Arora R et al. Effectiveness of the Michigan Emergency Department Improvement Collaborative (MEDIC) Quality Network. SAEM Annual meeting, May 2020.
- Vega C, Kannikeswaran N, Arora R. Huggable Toys Strike Back: Pediatric Injuries from Plush Toys, Dolls, and Doll Accessories. Pediatric Academic Society annual meeting, May 2020
- Nypaver M, Macy M, Arora R, et al. Evaluation of the Michigan Emergency Department Improvement Collaborative (MEDIC), an integrated adult and pediatric quality network, on reducing pediatric imaging. Pediatric Academic Society Annual meeting, 2020

- **Dr. Curt Stankovic**

- Stankovic C, Kannikeswaran N, Singer A, Noble J, Cloutier D, Backes C, Donoghue L, Sethuraman U. Impact of State Issued Stay at Home Order on Pediatric Trauma. Pediatric Trauma Society 7th Annual Meeting. New Orleans, LA. Nov 6th, 2020.

- **Dr. Usha Sethuraman**

- Cheung R, Sethuraman U et al. A systematic review of bicycle handle bar injuries in children. Poster. Pediatric Academic Society
- Stankovic S, Kannikeswaran N, Beckes C, Donoghue L, Sethuraman U et al. Impact of COVID-19 pandemic on traumatic injuries presentations to the Emergency Department. Poster. Pediatric Trauma Society. 2020
- Phillips L, Sethuraman U et al. Comparison of a spectrum of Multisystem Inflammatory Syndrome in Children due to Severe Acute Respiratory Syndrome Coronavirus 2 associated COVID-19. Poster. Midwest SPR. 2020
- Nazeer C, Sethuraman U et al. Multisystem Inflammatory Syndrome Among Return Visits of Children Evaluated for Fever in the Emergency Department During the COVID-19 Pandemic. Poster. Midwest SPR. 2020

- **Dr. Amy DeLaroche**

- DeLaroche, A and the BRUE Research and Quality Improvement Collaborative. (2020, April 29 – May 6). Accuracy of Diagnostic Codes for Identifying Brief Resolved Unexplained

Events. Podium presentation scheduled to be presented at the Pediatric Academic Societies Meeting, Philadelphia, PA. Due to the COVID-19 pandemic the meeting was cancelled.

- Noble J, Kagithala S, Haslitt D, Cashen K, **DeLaroche AM**. (2020, October 2 – 5). Adult rapid response events in a children's hospital. Virtual poster session presented at the 2020 Virtual AAP National Conference & Exhibition.
- Haddad R, Obudzinski K, Parker S, Iglesias M, **DeLaroche A**. (2020, April 29 – May 6). Brief resolved unexplained events: Diagnostic discrepancies and opportunities for improved accuracy. Poster session scheduled to be presented at the Pediatric Academic Societies Meeting, Philadelphia, PA. Due to the COVID-19 pandemic the meeting was cancelled.
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- **Dr. Rita Haddad**
 - Haddad R, Obudzinski K, Parker S, Iglesias M, DeLaroche A. (2020, April 29 – May 6). Brief resolved unexplained events: Diagnostic discrepancies and opportunities for improved accuracy. Poster session scheduled to be presented at the Pediatric Academic Societies Meeting, Philadelphia, PA. Due to the COVID-19 pandemic the meeting was cancelled.

Endocrinology

- **Dr. Doris Taha**
 - Isolated Growth Hormone Deficiency in A Patient with Gitelman Syndrome. Abstract was accepted for a poster presentation at the Pediatric Endocrine Society (PES) 2020 Annual Meeting (poster 180), Fort Worth, Texas, April 24-27, 2020 (meeting was canceled): Abstract was published. Abstract ID: 2300
- **Dr. Maha Elhassan**
 - Muslim Pediatric Fasting Practices Among Diabetic Children: A Mixed Method Approach Emman Dabaja MD MPH¹, Hadeel Shiha MD¹, Mahdi Dabaja², Allen Chehemi², Zane Berry², Maha Elhassan MD FAAP²

Gastroenterology

- **Dr. Kristen Cares**
 - North American Society of Pediatric Gastroenterology Hepatology and Nutrition Annual Meeting, virtual. "Risk of functional constipation in children with history of infantile cow's milk protein allergy." (Mentor), 2020.

General Pediatrics

- **Dr. Bradley Norat**
 - "Identifying Maltreatment in Infants and Young Children Presenting With Fractures: Does Age Matter?" 2020 AEM Podcasts. Society for Academic Emergency Medicine. December 2020. <https://www.saem.org/education/saem-online-academic-resources/foamed-resources/podcasts/aem-podcasts>

Genetics and Metabolic Disorders

- **Dr. Gerald Feldman**
 - Sen K, Kaur S, Friday, Y, Cichon, M, Smitherman, L, Feldman, GL. Genetics Primary Care Clinic Initiated By Combined Pediatric-Medical Genetics And Genomics Residents: A

Potential National Model. American College of Medical Genetics and Genomics 2020 Annual Meeting. Genet Med (on line). Platform Presentation.

- Dasgupta S, Feldman GL, Powell C, Toriello H, Westman J, Wilson W, Waggoner D. Training the Next Generation Of Genomic Medicine Providers: Trends In Medical Education And National Assessment. American College of Medical Genetics and Genomics 2020 Annual Meeting. Genet Med (on line). Platform Presentation
- **Dr. Vinod Misra**
 - Pomerantz DJ, Cunningham, MH, Altinok, D & **Misra, VK.** (2020) BCAP31-Associated Encephalopathy Presenting as Early Infantile Spastic Paraplegia, American College of Medical Genetics 2020 Annual Clinical Genetics Meeting, San Antonio, TX.
- **Dr. Kara Pappas**
 - Henige H, Kaur S, **Pappas K.** "Compound Heterozygous Variants In GOSR2 Associated With Congenital Muscular Dystrophy: A Case Report." Poster presented American College of Medical Genetics and Genomics Annual Meeting; 2020 Mar 17-21; San Antonio, TX
 - Pomerantz D, Hankerd M, Campbell S, Smith-Dewey R, Ebrahim S, **Pappas K.** "Severe Respiratory Distress, Chronic Constipation & Absence of Thrombocytopenia as Distinguishing Features in a Case of 10p12-p11 Microdeletion Syndrome." Poster presented American College of Medical Genetics and Genomics Annual Meeting; 2020 Mar 17-21; San Antonio, TX
- **Dr April Lehman**
 - Expanding the Phenotype: A Case Report of a *MED12* Variant – abstract/poster accepted to ACMG clinical genetic meeting as first author, online only due to COVID

Hematology/Oncology/Sickle Cell

- **Dr. Madhvi Rajpurkar**
 - Supportive Care to Minimize Early Death During Induction for Pediatric Patients With Acute Promyelocytic Leukemia (APL); A Report From the Children's Oncology Group Trial AAML1331 PEDIATRIC BLOOD & CANCER VOLUME 67 PAGE S11-S11 PUBLISHED 2020 Kutny, M.;Alonzo, T.;Gerbing, Rajpurkar M
- **Dr. Jeffrey Taub**
 - Gadgeel M, AlQanber B, Buck S, Taub JW, Yaddanapudi Ravindranath Y, Savaşan S. Aberrant mature myeloid cell CD56 expression in down syndrome is not linked to leukomogenesis. Annual meeting of the American Society of Pediatric Hematology Oncology, May 2020.
- **Dr. Michael Callaghan**
 - **Callaghan, MU.** Hemophilia Updates. Symposium American Society of Hematology December 2020
 - Callaghan, MU. ATHN 16: Sevenfact for the treatment of Bleeding with Inhibitors, ATHN Data Summit October 2020
 - Glaros, AK, **Callaghan, MU**, Zaidi, AU. Sickle cell Pain: Intervention with Capsaicin Exposure (SPICE). Presented at Foundation for Sickle Cell Research Annual Meeting, Jun 2020. [Oral Abstract]

- White, J, Liu, K, Gao, X, Thornton, T, Zaidi, AU, **Callaghan, MU**, and Hines, P. Establishment of Steady State Adhesion Indices in Sickle Cell disease: Clinical Application of a Standardized Adhesion Bioassay, Presented at Foundation for Sickle Cell Research Annual Meeting, April 28-30, 2017, Ft. Lauderdale, FL [Oral Abstract]
- **M Callaghan**, B Trzaskoma, R Ko, L Lee, A Patel, E Tzeng, M Shah [Factor VIII use in the treatment of breakthrough bleeds in persons with haemophilia a without inhibitors on emicizumab prophylaxis: the phase III HAVEN 3 study experience](#). BRITISH JOURNAL OF HAEMATOLOGY 189, 44-45. British Hematology Society, Glasgow Scotland 2020[Oral Abstract]
- **Callaghan MU**, Kruse-Jares, R, Malanghu, J Understanding Emicizumab, European Association for Hemophilia and Allied Disorders, The Hague, The Netherlands February 2020
- MU Callaghan, CG Negrier, I Paz-Priel, TYC Chang, S Chebon, M Lehle, .Long-term outcomes with emicizumab prophylaxis for hemophilia A with/without FVIII inhibitors from the HAVEN 1-4 studies Blood 2020 Presented Virtually at American Society of Hematology Annual Meeting
- Pipe, SW **Callaghan, MU** et al. In Vitro Evaluation of Thrombin Generation of Eptacog Beta (Factor VIIa, Recombinant) and Emicizumab in Congenital Hemophilia A Plasma with and without Inhibitors Blood 2020 Presented Virtually at American Society of Hematology Annual Meeting
- Zaidi, AU, Shah, N, Thomas, RT, Hannan, B, Shareef, MO, Zaidi, AU, **Callaghan, MU**. Sickle-Fit: Adherence, Feasibility and Validation of Fitbit Metrics In Sickle Cell Disease Patients. Accepted for presentation at the American Society of Pediatric Hematology/Oncology Annual Meeting May 2020. [cancelled due to COVID19]
- Zaidi, AU, *Glaros, AK, **Callaghan, MU**. A 30-Day Twitter Profile of #sicklecell During Two New Drug Approvals and a Major Conference. Accepted for presentation at the American Society of Pediatric Hematology/Oncology Annual Meeting May 2020. [cancelled due to COVID19]
- *L Bou-Maroun, *P Singh, A Zaidi, **M Callaghan**. Double Chelation Therapy In Pediatric Transfusion Associated Iron Overload. Pediatric Blood & Cancer 67, S17-S18 Accepted for presentation at the American Society of Pediatric Hematology/Oncology Annual Meeting May 2020. [cancelled due to COVID19]
- R Razvi, R Thomas, S Wang, S Meinke, **M Callaghan**, A Zaidi. STUDYING THE INCIDENCE OF CANNABIS USE IN TEENAGERS WITH SICKLE CELL DISEASE, AN INTERIM ANALYSIS. PEDIATRIC BLOOD & CANCER 67, S32-S33 Accepted for presentation at the American Society of Pediatric Hematology/Oncology Annual Meeting May 2020. [cancelled due to COVID19]
- **Dr. Katherine Regling**
 - **Regling K**, Cashen K, Gadgeel M, Xi Y, Herppich A, Tarasev M, Hines P, Chitlur M.B. Evaluation of Coagulation and Inflammatory Markers in Pediatric Patients on Extracorporeal Membrane Oxygenation (ECMO). *Blood* (2020) 136 (Suppl 1): 14.
- **Dr. Hamza Gorski**
 - Gorski H, Yankelevich M; Ongoing response in a multiply relapsed metastatic posterior fossa ependymoma A after vorinostat and concomitant irradiation (Accepted for ISPNO 2020)
 - Toll S, Gorski H: Central nervous system germinoma in two Caucasian American siblings with autism spectrum disorder (Accepted for ISPNO 2020)
 - Patil, P; Gorski, H. CNS sarcoma in a toddler with novel balanced translocation of t(8;11)(q13;q13). (Presented at SNO 2020).

- Gupte, A, Toll, S; Marupudi N, Gorski, H. Report of NTRK Fusion in a Pediatric Patient with Spinal Gangliocytoma (Presented at SNO 2020)
- Yogindra P. Persaud, M.D., Hamza S. Gorski, M.D. MPH. FGFR Fusion in Head and Neck Leiomyosarcoma in Pediatrics – A Case Report. (Accepted for ASPHO 2020)
- **Dr. Sureyya Savasan**
 - Cuvelier GDE, Kariminia A, Nemecek ER, Kitko CL, Wahlstrom JT, Harris AC, Bittencourt H, Lewis VA, Pulsipher MA, Schechter T, Choi SW, Caywood EH, Bhatia M, Kasow KA, Jacobsohn DA, Oshrine B, Chaudhury S, Chewing JH, Flower A, Coulter D, Joyce M, **Savasan S**, Pawlowska AB, Megason GC, Mitchell D, Cheerva A, Lawitschka A, Ng B, and Schultz KR. Naïve Helper T Cell and Regulatory T and NK Cell Subsets are Associated with Pediatric Chronic Graft-Versus-Host Disease: Results of the ABLE / PBMTc 1202 Study. Presented at the 62th Annual ASH Meeting, 2020.
 - Gadageel M, AlQanber B, Buck S, Taub JW, Ravindranath Y, **Savaşan S**. Aberrant mature myeloid cell CD56 expression in Down syndrome is not linked to leukomogenesis (Poster# 728). Presented at the Annual ASPHO Meeting in 2020.
- **Dr. Mark Shamoun**
 - Oral (Virtual) presentation at International Society of Thrombosis and Hemostasis: Coagulopathy in Pediatric Patients with Hemophagocytic Lymphohistiocytosis
- **Dr. Meret Henry**
 - Leukemia, Lymphoma and Stem Cell Transplant Paper Presentations, Moderator, American Society of Pediatric Hematology/Oncology, July 2020, Virtual due to COVID-19
- **Dr. Ahmar Zaidi**
 - Podium
 - ASH Talk: Racial Health Disparities and Sickle Cell Disease. American Society of Hematology 62nd Annual Meeting 2020.
 - Razvi, R, Meinke, S, Wang, S, Hannan, B, Thomas, R and Zaidi, AU. Studying the Incidence Of Cannabis Use in Teenagers With Sickle Cell Disease, an Interim Analysis. Presented at Foundation for Sickle Cell Research Annual Meeting, Sep 2020.
 - Glaros, AK, Callaghan, MU, Zaidi, AU. Sickle cell Pain: Intervention with Capsaicin Exposure (SPICE). Presented at Foundation for Sickle Cell Research Annual Meeting, Sep 2020
 - Posters
 - **Zaidi, AU**, Lipato, T, Alvarez, OA, Lonshteyn, A, Weycker A, Pham, N, Delea, TE, Agodoa, I, Cong, Z and Shah, N. Real-World Effectiveness of Voxelotor for Treating Sickle Cell Disease in the US. Presented at the American Society of Hematology Annual Meeting, December 5-8, 2020, Virtual
 - Glaros, AK, Callaghan, MU, **Zaidi, AU**. Sickle Cell Pain: Intervention with Capsaicin Exposure (SPICE). Presented at the American Society of Hematology Annual Meeting, December 5-8, 2020, Virtual
 - Shah, N, **Zaidi, AU**, Callaghan, MU, Liles, D, Johnson, CE and De Castro, LM. Real World Evidence of Prescription Patterns and Effect of Oxbryta (voxelotor) for Patients with Sickle

Cell Disease. Presented at the American Society of Hematology Annual Meeting, December 5-8, 2020, Virtual

- **Zaidi, AU**, Shah, N, Thomas, RT, Hannan, B, Shareef, MO, Zaidi, AU, Callaghan, MU. Sick-Cell Fit: Adherence, Feasibility and Validation of Fitbit Metrics In Sick Cell Disease Patients. Accepted for presentation at the American Society of Pediatric Hematology/Oncology Annual Meeting May 2020.
- **Zaidi, AU**, Glaros, AK, Callaghan, MU. A 30-Day Twitter Profile of #sicklecell During Two New Drug Approvals and a Major Conference. Accepted for presentation at the American Society of Pediatric Hematology/Oncology Annual Meeting May 2020.
- Razvi, R, Meinke, S, Wang, S, Hannan, B, Thomas, R and **Zaidi, AU**. Studying the Incidence Of Cannabis Use in Teenagers With Sick Cell Disease, an Interim Analysis. Accepted for presentation at the American Society of Pediatric Hematology/Oncology Annual Meeting May 2020.

Hospital Medicine

- **Dr. Khalid Kamal**
 - Participated in PEDIATRIC UPDATE 2020, on February 22, 2020 at East Lansing, Michigan, and gave lecture on "Recent Advances in Neonatology"

Infectious Diseases

- **Dr. Basim Asmar**
 - Ang JY, Nirupama Kannikeswaran N, Parker K, **Asmar B**. Clinical Presenting Characteristics of Pediatric COVID-19 Infection in a Tertiary Care Children's Hospital in Detroit. IDWeek 2020, October 21-25, 2020. (Infectious Diseases Society of America annual meeting).
- **Dr. Nahed Abdel-Haq**
 - Firmani SE, Molloy L, Trivedi G, **Abdel-Haq N**. Institutional Antibigrams Are Insufficient to Guide Clindamycin Use in Pediatric Skin and Soft Tissue Infections. ID Week, October 21-25, 2020. 1349. Open Forum Infectious Diseases, Volume 7, Issue Supplement_1, October 2020, Page S685, <https://doi.org/10.1093/ofid/ofaa439.1531>
- **Dr. Jocelyn Ang**
 - **Ang JY**, Nirupama Kannikeswaran N, Parker K, Asmar B. Clinical Presenting Characteristics of Pediatric COVID-19 Infection in a Tertiary Care Children's Hospital in Detroit. IDWeek 2020, October 21-25, 2020.

Neonatal-Perinatal Medicine

- **Dr. Sanket Jani**
 - Elbakoush F, Sharma A, Kanike N, **Jani, S**, Natrajan G. Pain Management with Pre-medication Prior to Non-emergent Intubation in Neonates. Pediatric Academic Society, Philadelphia, PA.
 - Zhongjie, S, February M, **Jani S**, Luo K, Tan S. Modeling the transition from partial to total placental insufficiency to study cerebral palsy. Pediatric Academic Society, Philadelphia, PA.

- **Dr. Monika Bajaj**
 - Soghier L, Perazzo S, Riley M, Balint C, Elshenawy S, O'Connor T, Hightower H, Bichianu D, Barry J, **Bajaj M**, Fewell R, Gupta R, Ross A, Reed D: Debriefing after code events in the Neonatal Intensive Care Unit: A Children's Hospital Neonatal Consortium Collaborative. Pediatric Academic Society (PAS) 2020
- **Dr. Prashant Agarwal**
 - **Agarwal P**, Natarajan G, Sullivan K, Rao R, Rintoul N, Zaniletti I, Keene S, Mietzsch U, Massaro A, Billimoria Z, Dirnberger D, Hamrick S, DiGeronimo R for the Children's Hospital Neonatal Consortium (CHNC) ECMO and HIE focus groups. Venovenous versus Venoarterial Extracorporeal Membrane Oxygenation among Infants with Hypoxic Ischemic Encephalopathy: Is There a Difference in Outcome? *Oral presentation at the 36th Annual Children's National Symposium: ECMO & the Advanced therapies for Respiratory and Cardiac Failure, Keystone, Colorado, Feb 2020.*
 - **Agarwal P**, Natarajan G, Sullivan K, Rao R, Rintoul N, Zaniletti I, Keene S, Mietzsch U, Massaro A, Billimoria Z, Dirnberger D, Hamrick S, DiGeronimo R for the Children's Hospital Neonatal Consortium (CHNC) ECMO and HIE focus groups. Does Extracorporeal Membrane Oxygenation Increase Risk of Death or Intracranial Hemorrhage among Infants with Hypoxic Ischemic Encephalopathy and Persistent Pulmonary Hypertension? *Oral presentation at the 36th Annual Children's National Symposium: ECMO & the Advanced therapies for Respiratory and Cardiac Failure, Keystone, Colorado, Feb 2020.*
 - Bhagat I, **Agarwal P**, Leikert S, Dechert R, Altinok D. Does severity of brain injury on MRI predict short term outcome in neonates who received therapeutic cooling for hypoxic-ischemic encephalopathy (HIE)? Pediatrics, Jul 2020, 146 (1 MeetingAbstract) 341-343
 - Sharma A, Jacques S, Qureshi F, **Agarwal P**, Sood B. Placental finding among extremely preterm infants with moderate to severe bronchopulmonary dysplasia. Pediatrics, Jul 2020, 146 (1 MeetingAbstract) 378
- **Dr. Indira Bhagat**
 - Bhagat I, Agarwal P, Sarkar S. Relationship between multi-organ dysfunction and severity of brain injury in asphyxiated newborn who received therapeutic hypothermia. Abstract submitted in December, 2020 for 2021 Virtual Pediatric Academic Societies (PAS) Annual Meeting
 - Bhagat I, Sangwan P, Cepeda EE. Reasons for Parental Refusal of Newborn Hepatitis B Vaccine Prophylaxis at a large inner-city quaternary center: Implications for future interventions. Presented at the 44th Central Conference on Perinatal Research by AAP in Louisville, Kentucky in March 2020
 - Bhagat I, Sangwan P, Cepeda EE. Reasons for Parental Refusal of Newborn Hepatitis B Vaccine Prophylaxis at a large inner-city quaternary center: Implications for future interventions. Presented at the Virtual Pediatric Academic Societies Annual Meeting, Philadelphia, PA in May 2020

Nephrology

- **Dr. Gaurav Kapur**
 - Efficacy and safety of ravulizumab in pediatric patients with atypical haemolytic uremic syndrome naïve to complement inhibitor treatment: 26-week and 1-year data. ASN Kidney Week 2020 (Accepted as ePoster – presentation on 22nd Oct 2020)

- The long-acting complement inhibitor ravulizumab in children with atypical hemolytic uremic syndrome (interim analysis) [encore abstract from IPNA 2019]. Pediatric Academic Societies 2020 (Accepted as poster for 3rd May presentation; congress cancelled due to COVID-19)
- **Dr. Amrish Jain**
 - Ashoor I, Solomon S, Engen R, **Jain A**, Garro R Kallash M, Twombly K. Significance of antibody clearance, treatment and pathology findings in antibody mediated rejection in pediatric kidney transplant recipients on 1 year outcomes: Preliminary findings from the PARAMOUR “PediAtric Renal AMr Outcomes” study. (28th International Congress of the Transplantation Society, Virtual Presentation, 2020)
 - Solomon S, Garro R, **Jain A**, Kallash M, Hayde N, Twombly K and Ashoor I. Antimicrobial Prophylaxis Post Antibody Mediated Rejection Treatment in Pediatric Kidney Transplant Recipients: Interim Report from the PARAMOUR “PediAtric Renal AMr Outcomes” Study. (American Transplant Congress, Virtual Presentation, 2020).
 - Ashoor I, Engen R, Garro R, Solomon S, Kallash M, **Jain A**, Twombly K. Antibody Mediated Rejection Treatment in Pediatric Kidney Transplant Recipients: Practice patterns, Initial Report from the PARAMOUR “PediAtric Renal AMr Outcomes” Study. (Pediatric Academic Societies Annual Meeting, Virtual Presentation, 2020).
 - Ashoor I, Engen R, Garro R, Solomon S, Kallash M, **Jain A**, Twombly K. Significance of Pathology in Antibody Mediated Rejection in Pediatric Kidney Transplant Recipients on 1 year Outcomes: PARAMOUR “PediAtric Renal AMr Outcomes” Study. (American Transplant Congress, Virtual Presentation, 2020).
 - Ashoor I, Engen R, Garro R, Solomon S, Kallash M, **Jain A**, Twombly K. Significance of HLA in Antibody Mediated Rejection in Pediatric Kidney Transplant Recipients on 1 year Outcomes: PARAMOUR “PediAtric Renal AMr Outcomes” Study. (American Transplant Congress, Virtual Presentation, 2020).

Neurology

- **Dr. Lalitha Sivaswamy**
 - Grand rounds at University of Texas Southwest Medical Center 11/2020
Topic: Unusual Headache Syndromes in Children
- **Dr. Aimee Luat**
 - Ono H, Sonoda M, Sonoda K, Kubota T, **Luat A**, Sood S, Asano E. Four-dimensional atlas of saccadic suppression in the human brain. Annual American Epilepsy Society Meeting 2020 on Dec. 4 to 8, 2020.
 - Mitsuhashi T, Sonoda M, Iwaki H, **Luat A**, Sood S, Asano E. Four-dimensional tractography to animate the interhemispheric effective connectivity. Annual American Epilepsy Society Meeting 2020 on Dec. 4 to 8, 2020.

- Kuroda N, Sonoda M, Motoi H, Nariai H, **Luat A**, Asano A. High-frequency oscillation and phase-amplitude coupling equally improve the prediction of epilepsy surgery outcome. Annual American Epilepsy Society Meeting 2020 on Dec. 4 to 8, 2020.
- Sonoda M, Silverstein B, Jeong J, Sugiura A, Nakai Y, Rothermel R, **Luat A**, Sood S, Asano E. A novel four-dimensional tractography reveals the development of dynamic effective connectivity supporting specific stages of linguistic processing. Annual American Epilepsy Society Meeting 2020 on Dec. 4 to 8, 2020.
- Dombkowski D, Cukovic D, Sundaram S, **Luat A**. Altered T-cell clone diversity is associated with successful response to Acthar Gel treatment in infantile spasm patients. Annual American Epilepsy Society Meeting 2020 on Dec. 4 to 8, 2020.
- High-Frequency Oscillation Defined by Four Different Detectors Equally Improves the Prediction of Postoperative Seizure Outcome.

- **Dr. Amanda Weber**

- Sonowal P, Weber ARB. To Enhance Screening for Depression in Adolescents with Epilepsy through use of a Standardized Depression Screening tool in the Neurology outpatient clinics. Annual Detroit Medical Center (DMC) Quality Education and Safe Systems Training (QuESST) Graduate Medical Education Research Day competition. April 2020. Detroit, MI. Virtual due to COVID.
- Kanna A, Weber ARB. Quality Improvement Measures to Increased Awareness on Folic Acid Supplementation in Adolescent Females with Epilepsy. Annual Detroit Medical Center (DMC) Quality Education and Safe Systems Training (QuESST) Graduate Medical Education Research Day competition. April 2020. Detroit, MI. Virtual due to COVID.
- Chat with the Specialist: Seizures in Childhood Presentation to DMC and surrounding area Pediatricians Detroit, MI July 2020
- Introduction to Quality Improvement Presentation to Neurology Department, Children's Hospital of Michigan Detroit, MI July 2020
- Neonatal EEG Review Neurology EEG Review Session, Children's Hospital of MI Detroit, MI November 2020

- **Dr. Norimitsu Kuwabara**

- "Infantile Botulism", presented at pediatric neurology resident noon conference in April 2020
- "Neuro-infectious disease", presented at pediatric neurology resident noon conference in June 2020
- "Physiologic basics of EEG", presented at pediatric neurology resident noon conference, September 2020
- "Recent inpatient cases", presented at pediatric neurology resident noon conference, November 2020

Neurology PET Center

- **Dr. Eishi Asano**

- Johnson EL, Yin Q, Tang L, Asano E, Ofen N. Age-related double dissociation of fast and slow theta oscillations in children and adolescents. Neuromatch 3.0. October 2020. [Virtual meeting]
- Yin Q, Johnson EL, Tang L, Auguste KI, Knight RT, Asano E, Ofen N. Direct brain recordings reveal occipital cortex involvement in memory development. Neuromatch 3.0. October 2020. [Virtual meeting]
- Kuroda K, Sonoda M, Motoi H, Nariai H, Luat AF, Sood S, Asano E. High-frequency oscillation and phase-amplitude coupling equally improve the prediction of epilepsy surgery outcome. Presented at the 74th Annual Meeting of the American Epilepsy Society, Seattle, WA, December 2020. [Virtual meeting]
- O'Hara NB, Asano E, Juhasz C, Lee MH, Jeong JW. Intracranial propagation trajectories of ictal fast waves and interictal spikes in patients with epileptic spasms. Presented at the 74th Annual Meeting of the American Epilepsy Society, Seattle, WA, December 2020. [Virtual meeting]
- Jeong JW, Lee MH, O'Hara N, Sonoda M, Juhasz C, Asano E. Deep learning of multi-modal MRI improves the localization of seizure onset zone in children with focal epilepsy. Presented at the 74th Annual Meeting of the American Epilepsy Society, Seattle, WA, December 2020. [Virtual meeting]
- Latif S, Iwaki H, Asano E. Interviewing as a tool to increase social media engagement with research in clinical neurophysiology. Presented at the 74th Annual Meeting of the American Epilepsy Society, Seattle, WA, December 2020. [Virtual meeting]
- Sonoda M, Silverstein BH, Jeong JW, Sugiura A, Nakai Y, Rothermel R, Luat AF, Sood S, Asano E. A novel four-dimensional tractography reveals the development of dynamic effective connectivity supporting specific stages of linguistic processing. Presented at the 74th Annual Meeting of the American Epilepsy Society, Seattle, WA, December 2020. [Virtual meeting] ***Selected for the AES2020 Jack M. Pellock Award at the 74th Annual Meeting of the American Epilepsy Society, December 2020; the sole awardee selected from over 1100 submissions.***
- Iwaki H, Sonoda M, Osawa S, Silverstein BH, Ukishiro K, Takayama Y, Kambara T, Kakinuma K, Suzuki K, Tominaga T, Nakasato N, Iwasaki M, Asano E. Your verbal questions beginning with 'what' will rapidly suppress the left prefrontal cortex of listeners. Presented at the 74th Annual Meeting of the American Epilepsy Society, Seattle, WA, December 2020. [Virtual meeting]
- Mitsuhashi T, Sonoda M, Iwaki H, Luat AF, Sood S, Asano E. Four-dimensional tractography to animate the interhemispheric effective connectivity. Presented at the 74th Annual Meeting of the American Epilepsy Society, Seattle, WA, December 2020. [Virtual meeting]
- Ono H, Sonoda M, Silverstein BH, Sonoda K, Kubota T, Luat AF, Sood S, Asano E. Four-dimensional atlas of saccadic suppression in the human brain. Presented at the 74th Annual Meeting of the American Epilepsy Society, Seattle, WA, December 2020. [Virtual meeting]
- Kumar A, Muzik O, Luat A, Asano E, Intikhab O, Malkawi I, Rangunwala J, Sood S, Juhasz C, Chugani HT. Experience from 223 C-11-PK11195 Brain Positron Emission Tomography (PK PET) in Both Pediatric and Adult Population will be Used to Emphasize the Feasibility and Usefulness of PK PET in the Evaluation and Management of Neuroinflammation. Presented at the 106th Annual Meeting of the Radiological Society of North America, Chicago, IL, November and December, 2020. [Virtual meeting]
- Dombkowski A, Cukovic D, Ukasic D, Doyon-Real N, Asano E, Jena BP, Chugani H, Stemmer P, Chugani D, Luat A. Exosomes secreted from epileptogenic TSC tubers carry proteins associated with vesicle-mediated transport and seizures. Presented at the 1st North American Epilepsy Congress, Toronto, ON, September 2020. [Virtual meeting]

- Lee MH, O'Hara N, Juhasz C, **Asano E**, Jeong JW. Deep learning of electrical stimulation mapping-driven diffusion tractography to improve preoperative evaluation of pediatric epilepsy surgery. Presented at the 28th Annual Meeting of International Society for Magnetic Resonance in Medicine (ISMRM), Sydney, Australia, August 2020. [Virtual meeting]
- Jeong JW, Lee MH, O'Hara N, **Asano E**, Juhasz C. Deep convolution neural network-based connectome analysis to predict language improvement after pediatric epilepsy surgery. Presented at the 28th Annual Meeting of International Society for Magnetic Resonance in Medicine (ISMRM), Sydney, Australia, August 2020. [Virtual meeting]
- Rau E, Johnson EL, Heinen R, **Asano E**, Ofen N, Axmacher N. Electrophysiological dynamics of visual scene representations in children and adolescents. Accepted for the presentation at the Single Units and Human intracranial (SUsHi) conference, Birmingham, UK, April 2020. [Conference cancelled]
- Banerjee S, Dong M, Lee MH, O'Hara N, **Asano E**, Jeong JW. Prediction of language impairment using deep relational reasoning. Presented at the 2020 IEEE International Symposium on Biomedical Imaging, Iowa City, IA, April 2020. [Virtual meeting]

Physical Medicine and Rehabilitation

- **Dr. Charles Pelshaw**

- Marupudi NI, Ayoubi L, Concepcion M, Pelshaw C, Erlandson E. Short-term Functional Outcomes of Infra-Conus Mini-Laminotomy for Selective Dorsal Rhizotomy: A Surgical and Rehabilitative Perspective. 43rd Annual Meeting of the American Society of Pediatric Neurosurgeons (ASPN), Nassau, Bahamas, Jan 26-31, 2020.