**CLINICAL RESEARCH**

**C1: Gastroesopahgeal Reflux Disease (GERD) and Interstitial Lung Disease (ILD) in the National Emergency Database Sample (NEDS):** Pankaj Aggarwal, BS, Akaash Mittal, BS, Kaveh Hajifathalian, MD, Vishant Bansal, MD, Nitin Aggarwal, MD, and Scott Gabbard, MD

**C2: The Utility of Repeat High Resolution Esophageal Manometry (HREM) in Patients With a Normal Index Manometry:** Akaash Mittal, BS, Vishant Bansal, MD, Nitin Aggarwal, MD, Pankaj Aggarwal, BS, Kaveh Hajifathalian, MD, and Scott Gabbard, MD

**C3: The Implications of Gastroesophageal Reflux Disease (GERD) on Emergency Department Visits in Patients with Chronic Obstructive Pulmonary Disease (COPD) :** Kaveh Hajifathalian, MD, Vishant Bansal, MD, Akaash Mittal, BS, Pankaj Aggarwal, BS, Nitin Aggarwal, MD, and Scott Gabbard, MD

**C4: Gastroesophageal Reflux Disease (GERD) is Associated with Worse Outcomes in Patients with Asthma Presenting to the Emergency Department:** Vishant Bansal, MD, Pankaj Aggarwal, BS, Kaveh Hajifathalian, MD, Akaash Mittal, BS, Scott Gabbard, MD and Nitin Aggarwal, MD

**C5: Self Perceived Confidence and Knowledge of Colorectal Cancer Screening and Surveillance Guidelines – A Comparison of Trainee Colonoscopists to their Non-Colonoscopist Peers:** Rushad Patell, Abhishek Karwa, Rocio Lopez, Carol A. Burke

**C6: :** **Self Perceived Confidence and Knowledge of Colorectal Cancer Screening and Surveillance Guidelines - A National Survey of Gastroenterologists**.Rushad Patell, Abhishek Karwa, Rocio Lopez, Carol A. Burke

**C7:** **Effect of Partial Nephrectomy on Blood Pressure in Patients with Solitary Kidneys :** Nikhil Gupta1, Vishnu Ganesan1, Georges-Pascal Haber2

**C8: An analysis of reasons for postoperative failure and complications of the ankle syndesmosis,** Kunaal Bafna

**C9: Appropriateness of use of bivalirudin in patients undergoing Percutaneous Coronary Catheterization using CRUSADE bleeding score: single center stud,** Ramyashree Tummala, MD, Ronak Bhimani, MD, Anjan Gupta, MD, Keyvan Ravakhah, MD.

**C10: Prevalence and Risk Factors of Peripheral Vascular Disease in rural India: A cross sectional study:** Ramyashree Tummala, MD, Kapil Mahajan, MD, Anjan Gupta, MD, Keyvan Ravakhah, MD

**C11: Effectiveness of daily chlorhexidine bathing for reducing Gram negative infections: a meta-analysis,** Parth Parikh MD1, Aditi Patel MD1, Jon A Otter PhD 2, Priyaleela Thota MD3, Thomas G. Fraser MD4, Curtis J. Donskey MD 5, Abhishek Deshpande MD PhD1, 4

**C12: Antiviral Treatment for Colonic Cytomegalovirus Infection in Ulcerative Colitis Patients Significantly Improved Their Surgery Free Survival,** Yinghong Wang (1), **Pankaj Aggarwal** (2), Xiuli Liu (3), Haiyan Lu (3), Lei Lian (4), Xianrui Wu (4), Shibin Guo (5), Nitin Aggarwal (1), Bret Lashner (1), Bo Shen (1)

**C13: Continued Bonds Between Parentally Bereaved Adolescents and Deceased Parent**, Denice Sheehan, M. Murray Mayo, Dana Hansen, Pamela Stephenson,

**C14: Adolescents’ Strategies for Managing Life with a Parent in Hospice,** Denice Sheehan, M. Murray Mayo, Dana Hansen, Pamela Stephenson,

**C15: An Examination of Interactions Between Hospice Health Care Providers and Adolescents with Parent in Hospice**, Denice Sheehan, M. Murray Mayo, Dana Hansen, Pamela Stephenson

**C16: Risk factors associated with the need for inpatient treatment of chronic constipation with fecal impaction in children**, Amrita Sinha MD, Maroun Mhanna MD MPH, Reema Gulati MD.

**C17:** D**oes System Modification “Really” Modify Survival in Patients With High Defibrillation Threshold? Probably Not, Najmul Siddiqi, Salim Ahmed, Rohan Bhojwani, Mohammed Kanj, Patrick Tchou and Niraj Varma**

**C18: Consultation Communication: Hospital Culture and Perspectives Abstract,**Khooshali Shah

**C19:** **Hemodialysis in Neonates and Infants: A Systematic Review,***Prashanth Vijayaraghavan1, Mohit Gupta2, Ramya Vajapey3, Vinod Krishnappa1*, *Jessica Darusz1, Siddharth Sethi4, Gaurav Kapur5, Rupesh Raina1,2*

**C20: Pediatric Intradialytic Hypotension: A Systematic Review:** *Prashanth Vijayaraghavan2, Mohit Gupta1, Vinod Krishnappa2, Gaurav Kapur3, Siddharth Sethi4, Rupesh Raina1,2*.

**C21: The Impact of Admission Serum Creatinine on Major Adverse Clinical Events in ST-Segment Elevation Myocardial Infarction Patients Undergoing Primary Percutaneous Coronary Intervention:** *Guryadav Dhillon2, Mohamed Khayata1, Mohit Gupta1, Shyam Bhakta4, Rupesh Raina1,3*

**C22: Atypical Hemolytic Uremic Syndrome: A Meta-Analysis of Case Reports confirms the Prevalence of Genetic Mutations and the Shift of Treatment Regimens:**

*1Vinod Krishnappa, Mohit Gupta2, Tushar J. Vachharajani5, Mustafa Ascha3, Ramya Vajapey4 and Rupesh Raina1, 2*.

**C23:** **Adult Intradialytic Hypotension: A Systematic Review**: Neha Sharma1, Tushar Chaturvedi1, Mohit Gupta2, Allen Reeves2, Mustafa Ascha3, Ramya Vajapey4 and Rupesh Raina1, 2

**C24: Postnatal Age at which Neonatal Abstinence Syndrome (NAS) Require Pharmacological Treatment in Infants with** **Intrauterine Exposure to Opiates.** Samantha Smith; MugahidIbrahim M.D.; MansiNg; Kelly Gibson M.D.; Deepak Kumar M.D.

**C25: Role of continuous veno-venous hemofiltration (CVVH) in the management of acute kidney injury and fluid overload associated with sinusoidal obstructive syndrome following hematopoietic cell transplantation.** Prashanth Vijayaraghavan6, Vinod Krishnappa6, Ghada A. Abusin4, Linda Cabral2, Jeffery J. Auletta3, Hasan Hashem3, Kenneth R. Cooke5 and Rolla Abu-Arja3, Rupesh Raina1, 6

**C26: To describe the incidence and risk factors for *Candida* sepsis (CS) in very low birth weight (<1500 g) premature infants and compare these factors with earlier data.** Vaibhav Goyal

**QUALITY IMPROVMENTS/BASIC SCIENCE**

**QB1; Mast Cell Infiltration in the Sciatic Nerve in a Chronic Constriction Injury Model of Neuropathic Pain:** M. Siddiqui, YC. Han, LP. Liu, Y. Yin, F. Li, J. Cheng, FH. Hsieh

**QB2: Endoplasmic reticulum (ER) stress is implicated as a significant contributor to neurodegeneration and cognitive dysfunction.** Ganeshraj Sivaram

**QB3: Systematic Review of Revised Atlanta Classification of Acute Pancreatitis :** Yasmeen K. Tandon MD\* and Namita Gandhi MD

**QB4: Empowering Residents to Initiate Real-Time Evaluations Using Smartphones:** Abhishek Karwa1, Colleen Y. Colbert2, Neil Mehta2, Andrei Brateanu1

**QB5: Trainees’ Knowledge and Application of Guideline Recommendations for Colorectal Cancer Screening and Surveillance: A Gap that Needs to be Bridged:** Abhishek Karwa, Rushad Patell, Rocio Lopez, Carol A. Burke

**QB6: Enabling Adherence to Colorectal Cancer Screening and Surveillance Guidelines in a Value Based Healthcare System – A Mobile Solution**. Abhishek Karwa, Rushad Patell, Rocio Lopez, Carol A. Burke

**OB7: Microglial markers within the DBA/2J visual projection,** Meghan E. Gorbach, Gina N. Wilson, Samuel D. Crish

**QB8:** **Using Bioquant® as a Viable Method for Counting Axons, Pouya Jouharian1,2, Assraa Jassim-Jaboori1, and Denise M. Inman1**

**QB9: Parkinson’s disease**, Jay Patel

**QB10: The Role of Kv1.5 Channels in Maintaining Cardiac Function During Chronic Hemodynamic Stress: The Next Chapter**: Roma Patel & Bhamini Patel, Lindsey Rinker, Peter Hopmann, Don Sim, Vahagn Ohanyan, Molly Enrick, Liya Yin, and William M. Chilian

**QB11: The role of G-protein coupled bile acid receptor (Gpbar1, Tgr5) in the regulation of growth hormone,** Sneha Limaye, Jessica M. Ferrell, Ajay Donepudi, Shannon Boehme, John Y.L. Chiang

**QB12: Pathologies ranging from diabetes, and hypertension to cardiovascular risks such as hypercholesterolemia and obesity all exemplify a common dysfunction found in endothelium,** Joanna Peng

**QB13:** **Neural Stem Cell-Derived Exosome Targeting of Injured Intestinal Neurons is Integrin Dependent,** Deepa Manda B.S., Y. Zhou M.D. Ph.D, Gail E. Besner M.D.

**QB14: The purpose of this study was to determine if imposition of mitochondrial oxidative stress would lead to compromised endothelial cell bioenergetics**, Kanithra Sekaran

**QB15: Molecular Mechanisms of Cancer Prevention by Plant Flavone Apigenin, Eswar Shankar1,** Rajnee Kanwal1, Mitali Pandey1, Mario Candamo1, Albert Lee1, Sanjeev Shukla1, Pingfu Fu2, Gregory T MacLennan3, Sanjay Gupta1,4,5,6

**QB16: Targeted Therapy for AML – A Novel Approach Towards Cancer Therapeutics,** Goutam Karan, Zhiqiang Xia; Xiulong Song; and Mukesh Kumar Agarwal

**QB17:** **Implementing a Self-Developed Cultural Competence Workshop in Pediatric Residency and Assessing Outcomes,** Karolina Maksimowski, Danielle Masseralla, Maria Herran. Henry Ng, Ronald Magliola, Robert Needlman, Abdulla Ghori, Mammen Puliyel

**QB18**: **Asprosin, a fasting-induced hormone, can be synthesized and purified in bacterial and mammalian systems,** Pallavi Sharma,1 Richard Breyer, PhD2

**QB19**: **Fibrosis distribution in Bronchiolitis Obliterans Syndrome and Restrictive Allograft Syndrome lungs may contribute to Chronic Lung Allograft Dysfunction treatment,** Paarth Sharma1, LaShonda Hood, PA (ASCP)2, Melinda Kral, PA (ASCP), Sara Hurley, Carol Farver, MD

**QB20: Treatment of AKI in Developing and Developed Countries: An International Survey of Pediatric Dialysis Modalities.** Shivani Kwatra7, Timothy Bunchman2, David Askenazi2, Vinod Krishnappa7, Abigail M Chauvin3, Akash Deep4, Sidharth Kumar Sethi6, Rupesh Raina1, 7

**QB21: Unique challenges during transition care from pediatric to adulthood.** Joseph Wang1, Vinod Krishnappa2, Rupesh Raina2, 3

**QB22: Investigating the Biological Context of Metabolomic Changes in Alzheimer’s Pathology Using Predictive Pathway Enrichment.** K Dewan1, K Dewan1, S Sinha2, Belinda Willard2, J Pillai3, J Leverenz3, L Bekris4, S Pimplikar1

**QB23; Tuning of glue viscoelasticity in spider glue to maximize adhesion.** Gaurav Amarpuri, Ci Zhang, Candido Diaz, Nishad Dhopatkar, Brent D. Opell, Todd A. Blackledge & Ali Dhinojwala

**QB24: Targeting TSP-1 in atherosclerotic complications associated with metabolic syndrome .** Natasha Kesav

**QB25: Automating Personal Health Record Mammography Messages to Improve Mammography Screening Rates.** Vaibhav Goyal, MD, Peter J Greco, MD,2 and David C Kaelber 3

**R- CASE REPORT**

**R1:** **Unraveling the mystery of postoperative weakness: A case of euglycemic DKA after bariatric surgery** : Ramella A, Fatima K, Affan A, Chaiban J

**R2:** **Rare case of transformation from Non-Hodgkin’s lymphoma  to Hodgkin’s  lymphoma in a patient**, Jyothirmai Seepana MD, Sidra khalid MD, Subanandhini Subramaniam MD, Timothy Spiro MD

**R3**: **Case Report : Ecthyma  Gangrenosum as a precursor  to sepsis  in a healthy  young  man,** Ceena Neena Jacob, MD**,** Teny Mathew John,MD

**R4:** **An unusual cause of Chronic Headache,** Kapil Mahajan MD, Ramyashree Tummala MD, Keyvan Ravakhah MD.

**R5:** **Spontaneous hemopericardium as a complication of rivaroxaban therapy,** Sidra Khalid M.D., Jyothirmai Seepana M.D., Praful Maroo M.D.1

**R6: Toothpaste Tumor: An Incidental Finding ,** Sidra Khalid M.D., Ashoka Nautiyal M.D., Jyothirmai Seepana M.D., 1

**R7: The role of apixaban in the treatment of heparin induced thrombocytopenia (HIT),** Sidra Khalid M.D., Hamed Daw M.D.1

**R8:** **Herpes simplex encephalitis due to rituximab,** Sidra Khalid MD, Jyothirmai Seepana MD, Subanandhini Subramaniam MD, Hamed Daw MD1

|  |
| --- |
| **R9: The importance of Levothyroxine bioavailability for TSH at goal** |
| Ajay Kumar, MBBS,MD Etleva Bejko, MD Kulsoom Fatima, MD Keyvan Ravakhah, MD,MBA |

|  |
| --- |
| R10: **The Unusual Fatal Presentation of Cocaine Levamisole Induced Vasculitis:** Ajay Kumar, MBBS,MD Kulsoom Fatima, MD  Etleva Bejko, MD Keyvan Ravakhah, MD, MBA |
| |  | | --- | | **R11:** **“It’s Not Lupus..Until it’s Lupus!” Acute Disseminated Lupus Presenting As Sepsis:** | | Ajay Kumar, MBBS,MD Kulsoom Fatima, MD Ronak Bhimani, MD Nelima Rao, MD | |

**R12:** **Primary Gastrointestinal Lymphoma. An Uncommon Disease with Deadly Consequences**, James Witten, BA1., Faisal Qadir, MD2., Carl Gillombardo, MD2., Hemali Patel, DPM3., Andrei Brateanu, MD4.

**R13:** **A Case of Inflammatory Pseudotumor of the Liver Mimicking Metastatic Disease: A Diagnostic Challenge:** Arpitha Komuravelly[[1]](#footnote-1)[1], Kusuma Kurmayagari [[2]](#footnote-2)[2], Larisa Schwartzman[[3]](#footnote-3)[3]and Vikas Jain[[4]](#footnote-4)[4]

**R14**: **Solitary Plasmacytoma of sternum in a young male-an unusual age group**, Authors- Sravani Kamatam MD, Kapil Mahajan MD, Ram Verma MD, Bhimani Jayantilal MD, Ravakhah Keyvan MD

**R15: Don’t get hoodwinked.. this is serious,** RAJARSHI BHADRA, ABUAMSHA HASSAN, MARY ESHO

**R16: ibrillary Glomerulonephritis in a Patient with Systemic Lupus Erythrematosus:** *Mohit Gupta1, Karla Detoya1, Rupesh Raina1*

**R17: A Unique finding in Bartter’s Syndrome: A Case Report.** *Tushar Chaturvedi1, Dr Rupesh Raina1*

**R18:Eculizumab in Gemcitabine Induced Atypical Hemolytic Uremic Syndrome aHUS .** Mohit Gupta, Vinod Krishnappa, Rupesh Raina, Natthavat Tanphaichitr.

**R19: Hyperphosphatemia with High Fibroblast Growth Factor 23: A Complex Genetic Disorder.**Joseph Wang1, Vinod Krishnappa5, Sidharth Kumar Sethi2, Beth Vogt3, Rupesh Raina4

**R20: Successful treatment of Severe Acquired Unilateral Emphysematous bleb in a 24-Week Extreme Premature Infant with Selective Left Main-Stem Intubation.** Krupa Gowri Hospattankar, M.B.B.S1 Neelakanta Kanike, MD2 Deepak Kumar, MD3

1. [1]Department of Internal Medicine/ Pediatrics, MetroHealth Medical center, Cleveland, OH [↑](#footnote-ref-1)
2. [2] Department of Internal Medicine, St. Vincent Charity Medical Center, Cleveland, OH [↑](#footnote-ref-2)
3. [3] Department of Hematology/Oncology, MetroHealth Medical center, Cleveland, OH [↑](#footnote-ref-3)
4. [4] Department of Radiology, MetroHealth Medical center, Cleveland, OH [↑](#footnote-ref-4)