2017 MedStar Health Research Symposium

May 1, 2017
Bethesda North Marriott and Conference Center
North Bethesda, Maryland
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Symposium Agenda

1:00 to 2:30 p.m.  
**Educational Sessions**

- GUMC Academic Appointments, Promotions and Mentoring  
  Forest Glen
- Which Test Should I Run? A Review of Commonly Utilized Statistical Tests  
  White Oak A
- Research 101: How to Start Your Research Career at MedStar Health  
  White Flint
- Applying to the GUMC Teaching Academy and Developing an Educators CV and Portfolio  
  Strathmore
- A Primer on How to Conduct Systematic Reviews in Health Sciences  
  Glen Echo
- Bringing Research to Life  
  Great Falls
- Advancing Population Health Research  
  Linden Oak

3:00 to 4:00 p.m.  
**Resident and Fellow Oral Presentations**

- Exhibit Hall Opens  
  Grand Foyer

3:00 p.m.  
**Poster Presentations and Speakers**

4:00 to 7:00 p.m.  

**Moderator**  
Stephen Evans, MD, Executive Vice President, Medical Affairs  
Chief Medical Officer, MedStar Health

**Welcome Remarks**  
William J. Oetgen, Jr., MD, MBA, Vice Chairman, MedStar Health  
Board of Directors  
Executive Vice President for Science, Education, and Quality at the American College of Cardiology, Professor of Medicine at Georgetown University School of Medicine

Edward B. Healton, MD, Executive Vice President for Health Sciences and Executive Dean, Georgetown University School of Medicine, Professor, Department of Neurology and Department of Rehabilitation Medicine

Neil J. Weissman, MD, President, MedStar Health Research Institute, Professor of Medicine, Georgetown University

Jamie S. Padmore, DM, MSc, Vice President of Academic Affairs, MedStar Health  
Associate Dean for GME & Educational Scholarship, Georgetown University

**Keynote Speaker**  
Darrell G. Kirch, MD, President and Chief Executive Officer, Association of American Medical Colleges
Dear Participants,

Welcome to the sixth annual MedStar Health Research Symposium. Thanks to the enthusiasm for the innovative investigative efforts taking place across MedStar, we outgrew our previous location. Our spacious new venue offers more room, which prompts increased opportunities for advancing health and showcasing our remarkable work.

This year, the symposium received more than 400 abstract admissions—a record for this distinguished event. Approximately 350 abstracts are featured today, along with many fascinating case reports. For the first time, the symposium is bringing together researchers with residents for a systemwide Resident Research Day. I hope you learn and find inspiration in the research posters, exhibitor tables, educational sessions, and timely keynote address.

We are honored to greet our friends and community partners who support MedStar’s mission of advancing health. Research contributions, including those shared today, are vital to ensuring we may continue delivering the highest levels of quality and safety to our patients.

With immense pride, I welcome each of you to the MedStar Health Research Symposium. It is a privilege to share and celebrate the collaboration and research of MedStar Health Research Institute.


Stephen Evans, MD

Executive Vice President, Medical Affairs, and Chief Medical Officer

May 1, 2017

Dear Friends and Colleagues,

On behalf of MedStar Health and MedStar Health Research Institute, it is a pleasure to welcome you to the sixth system-wide MedStar Heath Research Symposium.

This annual symposium celebrates the research of our colleagues from across the MedStar system. For the first time, we also welcome residents and fellows from across the system to the inaugural systemwide Resident Research Day. Thanks to the efforts of the symposium planning committee and submission of more than 400 poster presentations and case studies, I am confident you will share my pride and admiration for the breadth and depth of research at MedStar.

Today we celebrate MedStar Health creating knowledge through research and advancing health through research. MedStar Health is known throughout our region for its excellence in patient care, convenient points of access and compassion, all of which is supported by advancements in care. We support this great work from our investigators in diverse areas of research by partnering with our superb clinical leaders and with the support of our colleagues throughout the system.

Thank you for joining us at such an exciting event for the MedStar scientific community. I look forward to your active participation at the Symposium—and beyond.


Neil J. Weissman, MD

President, MedStar Health Research Institute
Professor of Medicine, Georgetown University
Dear Attendees,

On behalf of Academic Affairs at MedStar Health, It is with tremendous pride that I welcome you to the sixth-annual MedStar Health Research Symposium. This is truly a special and significant year, as for the first time we welcome all MedStar residents and fellows to showcase their research as part of a system-wide resident research day.

I would like to extend a heartfelt thank you to the symposium planning committee which worked tirelessly to expand this year’s event to include the important research of our residents and fellows. With over 250 abstract submissions from the resident community alone, we know that research-based evidence is getting linked to practice outcomes everyday across our diverse system.

As a learning healthcare system, MedStar empowers everyone to advance health by thinking differently, making new discoveries, and learning through doing. Each year, the Research Symposium brings us together to celebrate the knowledge we have created through research. I welcome all of you to this exciting event, and especially to the residents and fellows, I hope that you are able to actively participate and come away with new knowledge and collaborations.

Jamie S. Padmore, DM, MSc
Corporate Vice President, Academic Affairs, MedStar Health
Associate Dean, Graduate Medical Education and Educational Scholarship
Georgetown University School of Medicine

Keynote Speaker Bio

Darrell G. Kirch, MD
President and Chief Executive Officer,
Association of American Medical Colleges

Darrell G. Kirch, MD, is president and CEO of the Association of American Medical Colleges (AAMC), which represents the nation’s medical schools, teaching hospitals and academic medical societies. A distinguished physician, educator and medical scientist, Dr. Kirch speaks and publishes widely on the need for transformation in the nation’s health care system and how academic medicine can lead change across medical education, biomedical research, and patient care. Prior to becoming AAMC president in 2006, Dr. Kirch served as the dean and academic health system leader of two institutions, the Medical College of Georgia and the Penn State Milton S. Hershey Medical Center. He has co-chaired the Liaison Committee on Medical Education, the accrediting body for U.S. medical schools, and chaired the Washington Higher Education Secretariat. Dr. Kirch also is a member of the National Academy of Medicine.

A psychiatrist and clinical neuroscientist by training, Dr. Kirch began his career at the National Institute of Mental Health, becoming the acting scientific director in 1993 and receiving the Outstanding Service Medal of the United States Public Health Service. A native of Denver, he earned his BA and MD degrees from the University of Colorado.
Acknowledgements

The MedStar Health Research Institute’s ability to showcase the outstanding science being conducted throughout the system would not be made possible without the generosity of the following individuals who served on the 2017 Symposium Scientific Committee. Special thanks to 2017 Committee Chair, Waddah Al-Refaie, MD; Vice Chair, Ana Barac, MD, PhD; and Past Chair, Dawn Fishbein, MD, for their exemplary leadership and dedication to the success of the 2017 Research Symposium.

Research Symposium Chair
Waddah Al-Refaie, MD

Research Symposium Vice Chair
Ana Barac, MD, PhD

Research Symposium Past Chair, 2016 Symposium
Dawn Fishbein, MD

Executive Planning Committee Members
Neil Weissman, MD
Jamie Padmore, DM, MSc
Katie Carlin, MBA
Jennifer Remington, MHSA
Meeta Sharma, MD
Carlo Tornatore, MD
David Weisman, MD

Symposium Scientific Committee
Natalie Andon, BSN, RN, CHFN
Tamika Auguste, MD
Ana Barac, MD, PhD
Rahul Bhat, MD
Shanaugh Browning, RN, FNP-BC
Chee Chan, MD
Florina Constantinescu, MD, PhD
Dawn Fishbein, MD*
Jessica Galarra, MD, MPH
Munish Goyal, MD*^'
Zach Hettinger, MD, MS*^'
Seble Kassaye, MD*
Paul Kim, DPM
Karan Kverno, PhD, PMHCNS-BC, PMHNP-BC

Andrew Lincoln, ScD*
Maryann Mazer-Amirshahi, PharmD, MD, MPH
Patricia R. McCartney, PhD*
Mihriye Mete, PhD*^'
Lauren Moffat, PhD
Loral Patchen, PhD, MSN, MA, CNM
Arnold Potosky, PhD*
Raj Ratwani, PhD*
Samantha Ryschkewitsch, RN, BSN
Rachel Scott, MD, MPH*
Meeta Sharma, MD
Jeffrey Shupp, MD*
Kelly Smith, PhD
Deliya Wesley, PhD*

* indicates member of 2016 Scientific Committee
^ indicates past symposium chair

Conference Planning Staff
Michele Lee Clements, Research Planning Manager, MedStar Health Research Institute
Eva Hochberger, Communications and Marketing Coordinator, MedStar Health Research Institute
Exhibitors

**Department of Biostatistics and Biomedical Informatics**
MedStar Health Research Institute’s Department of Biostatistics and Biomedical Informatics designs, executes, and analyzes clinical and epidemiologic studies, and provides high-quality statistical and data management services to intramural and extramural investigators. Services include research consulting and complex statistical analyses for investigators, creation of study specific databases, data entry and management, knowledge discovery, data archiving and quality control for data collection and management.

**Georgetown-Howard Universities Center for Clinical and Translational Science**
The Georgetown-Howard Universities Center for Clinical and Translational Science (GHUCCTS) is a multi-institutional consortium of medical research institutions forged from a desire to promote clinical research and translational science. Through multiple partnerships and collaborations among the member institutions, GHUCCTS is transforming clinical research and translational science in order to bring new scientific advances to health care.

**MedStar Philanthropy**
MedStar Philanthropy Group and their industry partner, Advancement Resources, is providing an experiential exhibit. Our gratitude exhibit will share the fundamental impact that listening for, and responding to, gratitude can have on the patient's clinical experience and provide an opportunity for you to explore how you can share the story of your research and help create a compelling narrative for your work.

**Office of Research Development, Planning and Communications**
The Office of Research Development, Planning and Communications develops and enhances MedStar’s research infrastructure and helps to increase the amount of research activity taking place at MedStar. The office works closely with investigators across all specialties and MedStar service locations to help guide, develop and manage research proposals, as well as provide strategic planning, marketing and communications support to ongoing research.

**Office of Research Integrity**
The Office of Research Integrity (ORI) oversees research standards and ethical protection of the rights and welfare of research subjects throughout the MedStar system. Major components of the ORI include: Institutional Review Board (IRB), Institutional Animal Care and Use Committee, Institutional Biosafety Committee, Scientific Review Board, Radioactive Drug Research Committee and Conflict of Interest.

**OnCore Clinical Trial Management System**
Across the last year, MedStar and Georgetown have partnered to implement a system-wide Clinical Trial Management System (CTMS), OnCore. OnCore provides an informatics infrastructure for managing the clinical, regulatory, financial and administrative components across many types of trials and across the life cycle of research studies.

**Thinking Differently: Innovations and Research**
Thinking Differently offers participants creative tools and new approaches for innovating in key phases of research (concept, design, method, analysis, presentation), and shares how MedStar Institute for Innovation is applying these approaches at MedStar.

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**Join the conversation on Facebook and Twitter**

#MedStarResearch17

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Facebook: MedStar Health Medical Affairs

MedStar Health
Conference Center Map

Main Level

Grand Ballroom
Abstract Posters & Speakers

Exhibits
Grand Foyer
Exhibits

Think Differently

Exhibits

Lower Level

Registration
Great Falls
Linden Oak

Seneca Board Room
Oakley

White Flint Amphitheater
Glen Echo
Forest Glen

Strathmore
Men's Restroom

White Oak A

Women's Restrooms

Educational Sessions
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Combined Medical Specialties (Endocrine, Renal, GI, Infectious Disease, Others) 12
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Critical Care/Burn/Resuscitation/Trauma 26
Health Services Research/Human Factors/Medical Education/Medication Safety/Quality/Safety/Policy 28
Nursing Research 38
Obstetrics/Gynecology/Pediatrics/Neonatology 39
Oncology/Hematology 42
Orthopaedics/Sports Medicine/Neuro-Rehab 45

Congratulations to the Following Residents and Fellows for Receiving the Highest Abstract Scores

RESIDENTS (PGY 1 to 3)
1. Thompson, Travis (PGY3, EM, MWHC/MGUH): Increasing Ultrasound Evaluation in Renal Colic
2. Sampah, Maame (PGY-1, Surgery, MWHC): Port Site Metastases Following Laparoscopic Colectomy For Colorectal Cancer
   Romano, Max (PGY-2, FM, MFSMC): Continuation of Long-Acting Reversible Contraceptives Among Medicaid Patients

FELLOWS (PGY-4 and above)
1. Torres-Yaghi, Yasar (PGY-6, Neuro/Movement Disorders, MGUH): Tyrosine Kinase Inhibition Clears Tau and Reserves Neuropathology and Motor Symptoms in a Novel Model of Progressive Supranuclear Palsy
2. Nath, Anand (PGY-4 IM, MWHC): Efficacy of Endoscopic Balloon Dilation as Initial Intervention for Partial Obstruction of The Gastric Sleeve
3. Tejiram, Shawn (PGY-4, Surgery, MWHC): The Use of Viscoelastometry with Tissue Factor Initiators to Identify Burn Induced Coagulopathy

RESEARCH FELLOWS
1. Chen, Jason (Burn Research, MWHC General Surgery): Racial Disparities in Mortality and Complications After Burn Injury: Results of Analysis of the National Burn Repository
3. Vigiola Cruz, Mariana (Burn Research, MGUH General Surgery): Assessing Vascular Endothelial Dysfunction after Burn Injury using a Rat Scald Model

Recognition of top case reports
- Deborah Kim, (MWHC, Fellow PGY-5, Rheumatology): Unusual Cause of Swollen Face
- Sebastian Cousins, (MGUH, Resident PGY-3, Internal Medicine): As a Last Resort: The Use of Percutaneous Transhepatic Biliary Drainage for Refractory Malignant Bowel Obstruction

Top scoring faculty abstracts for each research area are noted by ORANGE poster titles.
Basic Science

Poster 1: Molecular Signaling in Dyspigmented Hypertrophic Scars: A Keratinocyte-melanocyte Co-culture Evaluation
Summary: An understanding of the initial steps in dyspigmentation signaling, as well as the downstream effects of these signals, will inform treatment options for burn survivors and provide insight to where an intervention may be appropriate.
Authors: Bonnie C. Carney, Jason H. Chen, Abdulnaser Alkhalil, Lauren T. Moffatt, Dean S. Rosenthal, Jeffrey W. Shupp
Entity: MedStar Health Research Institute
Contact: bonnie.c.carney@medstar.net

Poster 2: Assessment of In-vitro Disruption of Methicillin Resistant Staphylococcus Aureus Biofilms and Cytotoxicity with Common Skin Cleansing Agents
Summary: The purpose of this study was to assess the cytotoxicity of a novel wound cleanser and compare it with common wound cleansers, as well as examine the effect of treatment duration on MRSA biofilms.
Authors: Anna Day, Abdulnaser Alkhalil, Bonnie C. Carney, Lauren T. Moffatt, Jeffrey W. Shupp
Entity: MedStar Health Research Institute
Contact: anna.day@medstar.net

Poster 3: Assessing the Use of Urinary Exosomal Micrornas as Early Markers of Diabetic Nephropahty
Summary: This study aims to identify urinary exosomal miRNAs associated with diabetic nephropathy in mice and human adults with type 2 diabetes. Additionally, this study will identify molecular mechanisms contributing to diabetic nephropathy.
Authors: Maurice B. Flitt, Carolyn M. Ecelbarger, Lijun Li, Gail Nunlee-Bland
Entity: Georgetown University
Contact: mbf79@georgetown.edu

Poster 4: Impacts of Pathogen Colonization and Infection on a Dermal Regeneration Matrix
Summary: This study focused on the potential impacts of wound colonization or infection on the dermal regeneration process as aided by a matrix. MRSA causes an inflammatory response. However, this response does not lead to significant degradation of the matrix.
Authors: Kyle W. Monger, Bonnie C. Carney, Lauren T. Moffatt, Jeffrey W. Shupp
Entity: MedStar Health Research Institute
Contact: kyle.w.monger@medstar.net

Poster 5: I-124 PET Quantitation in the Presence of I-131 Background Activity During I-131 Therapy: A Phantom Study
Summary: In order to evaluate the radiopharmacokinetics (rPK) of an administered therapeutic amount of I-131 activity such as to study the rPK of radiation thyroiditis or the blocking effects of stable I-127 on increasing the residence time of I-131, simultaneous I-124 PET imaging and quantitation may have utility.
Authors: Douglas Van Nostrand, Donika Plyku, Taneshea A. Brown, Shari L. Moreau, Frank B. Atkins, Di Wu, Martin A. Lodge, Eric C. Frey
Entity: MedStar Health Research Institute
Contact: douglas.van.nostrand@medstar.net

Poster 6: Mesenchymal Stem Cell Factors Modulate and Accelerate Burn-Related Wound Healing
Summary: In this collaborative study between MedStar Washington Hospital Center and MedStar Health Research Institute, we demonstrated that the topical application of mesenchymal stem cell factors accelerates wound healing and prevents burn progression.
Authors: Jason H. Chen, Bonnie C. Carney, Mariana Vigiola Cruz, Lauren B. Nosanov, Robert D. Smith, Michael M. Kebede, Lauren T. Moffatt, Stephen E. Epstein, Jeffrey W. Shupp
Entity: MedStar Washington Hospital Center
Contact: jason.h.chen@medstar.net
Poster 7: Effectiveness of a Glycylcycline Antibiotic for Reducing the Pathogenicity of Superantigen-Producing Methicillin Resistant Staphylococcus Aureus in Burn Wounds
Summary: In a rodent model assessing burn wound infection with superantigen-producing Methicillin Resistant Staphylococcus Aureus, the glycycline antibiotic tigecycline effectively reduces toxin levels and improves wound perfusion and healing.
Authors: Lauren B. Nosanov, Daniel Y. Jo, Pranay R. Randad, Lauren T. Moffatt, Bonnie C. Carney, Rachel T. Ortiz, Jeffrey W. Shupp
Entity: The Burn Center, Department of Surgery, MedStar Washington Hospital Center; Firefighters’ Burn and Surgical Research Laboratory; MedStar Health Research Institute
Contact: lauren.s.nosanov@medstar.net

Poster 8: Alterations in Hemostatic Markers Following Burn Injury
Summary: Various hemostatic markers in human plasma were analyzed to study the alterations in the coagulation and fibrinolysis processes caused by burn. The factor dynamics observed suggest a state of hypercoagulability in the week following burn injury.
Authors: Mariana Vigiola Cruz, Kathleen E. Brummel-Ziedins, Thomas Orfeo, Melissa M. McLawhorn, Lauren T. Moffatt, Jeffrey Shupp
Entity: MedStar Georgetown University Hospital; MedStar Health Research Institute
Contact: mariana.vigiolacruz@gunet.georgetown.edu

Poster 9: Assessing Vascular Endothelial Dysfunction After Burn Injury Using a Rat Scald Model
Summary: Biomolecular derangements are responsible for the systemic effects of shock. In a rat scald burn model, we demonstrate that burn injury is followed by endothelial glycocalyx degradation, leading to abnormal inflammation and endothelial dysfunction.
Authors: Mariana Vigiola Cruz, Bonnie C. Carney, Jason H. Chen, Kyle W. Monger, Lauren T. Moffatt, Jeffrey W. Shupp
Entity: MedStar Georgetown University Hospital/MedStar Health Research Institute
Contact: mariana.vigiolacruz@gunet.georgetown.edu

Poster 10: An Analysis of How Consumer Physical Activity Monitors are Used in Biomedical Research
Summary: Sedentary lifestyle is a risk factor for chronic disease. We analyze use of a relatively new tool, the consumer physical activity monitor, in research reported at Ovid Medline, PubMed Medline, ClinicalTrials.gov and NIH RePorter, quantitated by category.
Authors: Stephen P. Wright, Kathryn Sandberg
Entity: Georgetown University
Contact: spw44@georgetown.edu

Cardiovascular/Pulmonary

Poster 11: A Case Series Review of the Medtronic’s Gencut Core Needle Biopsy System Versus Forceps Transbronchial Biopsy of Peripheral Lung Lesions
Summary: A comparison of volumes of GenCut versus forceps trans-bronchial biopsies to determine if there is a significant difference in volume obtained.
Authors: Jocelyn Green, Eric Anderson, Sarah Petteys, Pedro DeBrito
Entity: Georgetown University
Contact: jag323@georgetown.edu

Poster 12: Optical Coherence Tomography Guided Percutaneous Coronary Intervention Compared with Other Imaging Guidance: A Meta-analysis
Summary: A meta-analysis focusing on the comparison of percutaneous coronary intervention guided via optical coherence tomography versus intravascular ultrasound and/or angiographic guidance.
Authors: Kayode O. Kuku, Hector M. Garcia-Garcia, Viana Azizi, Gebremedhin Melaku, Anh Bui, Yael F. Meirovich, Salahadin Abubakar, Aaphtaab Dheendsa, Solomon Beyene, Alexandre H. Kajita, Michael J. Lipinski, Ron Waksman
Entity: MedStar Washington Hospital Center
Contact: kayode.o.kuku@medstar.net
Summary: A post-hoc sub study to evaluate the effect of laser energy on the arterial wall in treated peripheral artery disease patients via quantitative intravascular ultrasound assessment.
Entity: MedStar Health Research Institute
Contact: kayode.o.kuku@medstar.net

Poster 14: Natural Killer (NK) Cells Support Pro-inflammation and Contribute Significantly To the Deterioration of Cardiac Function Following Acute Myocardial Infarction (AMI)
Summary: NK cells were shown as major players in the deterioration of cardiac function following MI. Neutrophils suppression following NK cells depletion at 24-hour post MI may suggest dependency on NK cells early activation.
Authors: Dror Luger, Michael J. Lipinski, Stephen E. Epstein
Entity: MedStar Washington Hospital Center
Contact: dror.luger@medstar.net

Poster 15: Triple Antithrombotic Therapy in Patients with Atrial Fibrillation Undergoing Transcatheter Aortic Valve Replacement Is Associated with Higher Mortality Rate
Summary: Atrial fibrillation patients treated with dual antiplatelets and anticoagulation therapy post transcatheter aortic valve replacement procedure (TAVR) have higher mortality and bleeding rates compared with those not treated with dual antiplatelets alone.
Authors: M. Chadi Alraies, Kyle D. Buchanan, Homam Mousa Pasha, Arie Steinvil, Toby Rogers, Edward Koifman, Jiaxiang Gai, Rebecca Torguson, Itsik Ben-Dor, Hector M. Garcia-Garcia, Lowell F. Satler, Augusto D. Pichard, Ron Waksman
Entity: MedStar Washington Hospital Center
Contact: alraies@hotmail.com

Poster 16: Early Imaging Predictors for Chemotherapy Induced Cardiac Dysfunction
Summary: This study seeks to identify early echocardiographic markers of chemotherapy related cardiotoxicity with an emphasis on strain analysis.
Authors: Justin H. Beckett, Ana Barac, Arielle Schwartz, Steve Fox
Entity: MedStar Georgetown University Hospital
Contact: justin.h.beckett@gunet.georgetown.edu

Poster 17: Heart Failure Hospitalization (HFH) Despite Digoxin Therapy Versus No HFH Despite Placebo in the Digitalis Investigation Group (DIG) Trial: Insights into Risk Factors for HFH in HF and Reduced Ejection Fraction (HFrEF)
Summary: Among patients with HFrEF, most characteristics that significantly predicted HFH among patients receiving or not receiving digoxin, also predicted HFH despite digoxin therapy, compared to no HFH despite placebo.
Author: Poonam P. Bhyan
Entity: MedStar Health
Contact: bhyanpoonam@gmail.com

Poster 18: In-Stent Restenosis of Second Generation Drug-eluting Stents: Incidence, Lesion Characteristics and Outcomes Over the Last Decade. How Are They Are Different from De Novo Lesions?
Summary: ISR in the contemporary DES era is modest but remains a concern. ISR patients present with ACS comparable to de novo patients. One-year composite outcome was worse in the ISR group compared to the de novo group. Efforts should target the prevention of ISR.
Authors: Kyle D. Buchanan, Toby Rogers, Arie Steinvil, Edward Koifman, M. Chadi Alraies, Jiaxiang Gai, Rebecca Torguson, Augusto Pichard, Itsik Ben-Dor, Lowell Satler, Ron Waksman
Entity: MedStar Washington Hospital Center
Contact: kyle.d.buchanan@medstar.net
Poster 19: Palliative Care Consultation for Hospitalized Patients with Pulmonary Arterial Hypertension
Summary: An analysis of symptom burden and Palliative Care team interventions for hospitalized patients with pulmonary arterial hypertension.
Authors: Mahesh Chandrasekhar, George Ruiz, Christopher Barnett, Hunter Groninger
Entity: MedStar Georgetown University Hospital; MedStar Washington Hospital Center
Contact: mahesh.a.chandrasekhar@medstar.net

Poster 20: Among Heart Failure (HF) Patients with In-Hospital Acute Kidney Injury (AKI): An Improvement in Kidney Function Is Associated with a Higher Risk of Post-discharge Mortality but Not Readmission
Summary: Our study utilizes data from the Alabama Heart Failure Project registry to identify the association of improvement of in-hospital acute kidney injury in heart failure patients with 12-month outcomes including all-cause mortality.
Authors: Daniel J. Dooley, Phillip H. Lam, Poonam Bhyan, Ali Ahmed
Entity: MedStar Georgetown University Hospital; MedStar Washington Hospital Center
Contact: djd34.georgetown@gmail.com

Poster 21: The Outpatient Diuretic Clinic: An Effective Strategy in Reducing Heart Failure Admissions
Summary: This study sought to evaluate the efficacy of outpatient intravenous diuretic treatment in the reduction of heart failure hospital admissions in MedStar Franklin Square Medical Center.
Authors: Ramez S. Jabaji
Entity: MedStar Health Internal Medicine, Baltimore
Contact: ramez.s.jabaji@medstar.net

Poster 22: Clinical Implications in the Treatment of the Coronary Lesions Based on the Use of Two Formulas to Calculate Diameter Stenosis and Impact of Using Vessel References for Sizing: A Reproducibility Quantitative Coronary Analysis Study
Summary: This study aims to evaluate the clinical implications in the treatment of coronary artery lesions assessed by experienced analysts at two different time points, adopting two different formulas to calculate diameter stenosis and the impact of using proximal or distal references for sizing assessed by quantitative coronary analysis.
Entity: MedStar Washington Hospital Center
Contact: alexandre.h.kajita@medstar.net

Poster 23: Adverse Outcomes with Use of Hydralazine and Nitrate Combination Therapy in Hospitalized Older Non-Black Patients with Heart Failure and Reduced Ejection Fraction (HFREF)
Summary: Assessing the clinical outcomes of the combination of hydrazine and nitrates in non-Black patients with heart failure and reduced ejection fraction using the OPTIMIZE-HF registry.
Author: Phillip H. Lam
Entity: Georgetown University; MedStar Washington Hospital Center
Contact: lp30884@gmail.com

Poster 24: Loss of Resistance to Angiotensin II Induced Hypertension in the Jackson Laboratory Recombination Activating Gene Null Mouse on the C57bl/6j Background
Summary: Loss of phenotype in the Jackson Laboratory’s male mouse model of Ang II induced hypertension has led to a big question about the role of T cells in blood pressure modulation.
Authors: Amrita Pai, Amrita V. Pai, Hong Ji, Crystal A. West, Xie Wu, Kathryn Sandberg
Entity: Georgetown University
Contact: avp37@georgetown.edu

Poster 25: A Refractory Pleural Effusion in Systemic Lupus Erythematosus
Summary: We present a case of refractory rapidly reaccumulating lymphocyte predominant pleural effusions in SLE that subsequently progressed to a chylothorax.
Authors: Brian Stephenson
Entity: MedStar Georgetown University Hospital
Contact: brian.w.stephenson@gunet.georgetown.edu
Poster 26: Cardiorespiratory Fitness and Mortality Risk in Hypertensive Men Above 70 Years
Summary: Physical activity and improved exercise capacity is associated with lower mortality risk in hypertensive individuals. However, the impact of increased exercise capacity in older hypertensive individuals has not been investigated extensively.
Authors: Apostolos Tsimploulis, Michael Doumas, Antonis Pittaras, Charles Faselis, Jonathan Myers, Peter Kokkinos
Entity: MedStar Washington Hospital Center
Contact: apostolos.tsimploulis@Medstar.net

Poster 27: Safety of Ultra-Low Dose Contrast Injection CTA Immediately Following Cardiac Catheterization for Aortoiliofemoral Assessment in TAVR Evaluation
Summary: Ultra low dose contrast injection CTA immediately following cardiac catheterization is an effective method for aortoiliofemoral evaluation. Herein we demonstrate the safety of this approach.
Entity: MedStar Washington Hospital Center
Contact: samad.zaheeruddin@medstar.net

Case Reports
Poster 28: Gerbode Defect Leading to a Diagnosis of Endocarditis
Authors: Brian C. Case, Bryan LeBude, Zuyue Wang
Entity: MedStar Washington Hospital Center
Contact: brian.c.case@gunet.georgetown.edu

Poster 29: When Stenting in the Chest Causes Wheeze and Dyspnea
Authors: Ananth Charya, Sean McGarvey, Ajeet Vinayak
Entity: MedStar Georgetown University Hospital
Contact: avcharya@gmail.com

Poster 30: Community-acquired Methicillin-resistant Staphylococcus Aureus Cardiac Tamponade in An Immunocompetent Host
Authors: Rajus Chopra, Mahesh Chandrasekhar, Chee Chan
Entity: MedStar Washington Hospital Center
Contact: rajus.chopra@medstar.net

Poster 31: Isolated Interventricular Septum Myocardial Infarction
Authors: Philip L. Francis, Vijaywant Brar
Entity: MedStar Washington Hospital Center
Contact: philip.l.francis@medstar.net

Poster 32: An Unusual Cause of Granulomatous Disease in the Lung
Authors: Julie Fried, Christine Fleury
Entity: MedStar Georgetown University Hospital
Contact: juliefried5@gmail.com

Poster 33: Autoimmune Myocarditis Due to Immune Checkpoint Inhibitor
Authors: Varun Jain, Mahsa Mohebtash, George Ruiz, Sandeep M. Jani, Ana Barac
Entity: MedStar Washington Hospital Center
Contact: varun.jain@medstar.net

Poster 34: Brugada Pattern Mimicking an Acute Coronary Syndrome (ACS)
Authors: Kartikeya Kashyap, Vipul Madhwani, Susan O’Donoghue
Entity: MedStar Washington Hospital Center
Contact: drkkashyap@gmail.com
Poster 35: Transcaval Embolization of a Type I Gutter Endoleak After Three-Vessel Chimney Endovascular Aneurysm Repair
Authors: Zachary W. Kostun, Tareq M. Massimi, Edward Y. Woo
Entity: MedStar Health
Contact: zachary.w.kostun@medstar.net

Poster 36: Rapidly Progressive Infective Endocarditis with Aorto-right Atrial/Ventricle Fistulae Formation and Hemorrhagic Cerebral Emboli: A Clinical Dilemma
Authors: Vipul Madhwani, Tina Barjasteh, Anupama Rao
Entity: MedStar Washington Hospital Center
Contact: vipul.madhwani@medstar.net

Poster 37: Role of Fibrinolytic/Mucolytic Therapy in Treating Complex Pleural Empyema
Author: Ahmad Malik
Entity: MedStar Health Internal Medicine, Baltimore
Contact: ahmad.malik.md@medstar.net

Poster 38: A Rare Association with Aspergilloma: Intralobar Bronchopulmonary Sequestration, a Case Report and Review
Authors: Ankush P. Ratwani, Brian Stephenson, Ajeet G. Vinayak
Entity: MedStar Georgetown University Hospital
Contact: kushr88@gmail.com

Poster 39: Scarred for Life: A Rare Case of Concomitant Pneumothorax and Bilateral Pneumomediastinum in Hermansky Pudlak Syndrome
Authors: Sharanya Satkunanathan, Athmananda Nanjundappa
Entity: MedStar Health
Contact: sharan.satku@gmail.com

Combined Medical Specialties
(Endocrine, Renal, GI, Infectious Disease, Others)

Poster 40: Acute Myocardial Infarction and Estrogen Use
Summary: Estrogen use is known to be associated with an increased risk of venous thrombosis. Estrogen is thought to be cardio protective with a reduced incidence of myocardial infarction. We present a case of an acute MI in a transgender female on estrogen.
Authors: Mc Anto Antony, Vipul Madhwani, Christopher Barnett
Entity: MedStar Washington Hospital Center
Contact: mcanto.antony@medstar.net

Poster 41: Psychiatric Complications of K2 Use: A Case Report and Literature Review
Summary: We present a case of a young woman who presented to our inpatient psychiatric unit with catatonia in the setting of recent K2 use and a history of schizoaffective disorder.
Authors: Carol Barnes, Antoinette Valenti, Ismatt Niazi, Sarah Kleinfeld
Entity: Georgetown University
Contact: cb1237@georgetown.edu

Poster 42: Acute Stroke Education Video Associated with Improved Patient Satisfaction, Self-Efficacy and Stroke Literacy
Summary: A stroke educational video was associated with improved stroke knowledge, certainty in recognizing stroke symptoms and satisfaction with stroke education.
Authors: M. Carter Denny, Farhaan Vahidy, Kim Vu, Anjail Z. Sharrief, Sean I. Savitz
Entity: MedStar Georgetown University Hospital
Contact: marycarter.denny@gunet.georgetown.edu
Poster 43: Intensifying Treatment Beyond Monotherapy in Type 2 Diabetes Mellitus: Where Do Newer Therapies Fit?
Summary: A synthesis of prospective, randomized control trials investigating treatment options after monotherapy in type 2 diabetes mellitus.
Authors: Alexander M. Kuhn, Vanita Aroda, Jean Y. Park, Adline Ghazi
Entity: MedStar Health Research Institute
Contact: alexander.m.kuhn@medstar.net

Poster 44: Rapid Wash Out: Comparison of Primary (pHPTH) Versus Secondary Hpth (sHPTH) and Utility of Dual Radiopharmaceutical Acquisition with 99mTc-Sestamibi and 123I for Tumor Localization
Summary: The aim of this study was to characterize rapid washout in primary hyperparathyroidism and and evaluate efficacy of dual phase sestamibi and 123I acquisition for localization of parathyroid adenoma/hyperplasia.
Authors: Kanchan Kulkarni, Shiksha Sharma
Entity: MedStar Washington Hospital Center
Contact: kpk002@yahoo.com

Poster 45: Variation in the Categorization of Sepsis and Septic Shock in Emergency Providers: A Survey
Summary: There is low interobserver agreement for the diagnosis of SIRS, sepsis, severe sepsis and septic shock in an anonymous survey of emergency providers.
Authors: Kevin Maloy, Daniel Coleman
Entity: MedStar Washington Hospital Center
Contact: maloykr@gmail.com

Poster 46: The Effectiveness of the Holistic Healing Arts Retreat for Improving Trauma-Related Outcomes Associated with Interpersonal Violence
Summary: The objective of this research project was to examine the effectiveness of the Holistic Healing Arts Retreat for improving trauma-related outcomes associated with interpersonal violence.
Authors: Mihriye Mete, Mary Ann Dutton, Sherisa Dahlgren, Maria Franco-Rahman, Monica Martinez, Adriana Serrano
Entity: MedStar Health Research Institute
Contact: mihriye.mete@medstar.net

Poster 47: In Your Own Words: The Effectiveness of Teach-back with Transplant Patients
Summary: The purpose of this project is to explore the effectiveness of teach-back for patients on the inpatient transplant unit at MedStar Georgetown University Hospital.
Authors: Kelly O’Keefe, Breanne Hayes
Entity: MedStar Georgetown University Hospital
Contact: okeefe.kell@gmail.com

Poster 48: Thoracic Fiducial Placement for Stereotactic Radiosurgery via Flexible Bronchoscopy: Complications and Technical Considerations
Summary: Stereotactic body radiation therapy (SBRT) for malignant lung lesions requires the insertion of fiducial markers near the target. Here is presented our experience in the flexible bronchoscopic fiducial placement for SBRT at MedStar Georgetown University Hospital.
Authors: Monica Pernia, Brian Collins, Martin Gaudinski, Silpa Kilaru, Eric Anderson
Entity: MedStar Georgetown University Hospital
Contact: monicapernia.md@gmail.com

Poster 49: Palliative Care Consultations for Neurosurgical Patients
Summary: For patients admitted to the neurosurgery service that received palliative care consultation, we aim to describe reasons for consultation, specific interventions, prognosis and eventual disposition.
Authors: Michael Pottash, Anne Kelemen, Hunter Groninger
Entity: MedStar Washington Hospital Center
Contact: michael.pottash@medstar.net
Poster 50: Identification of Risk Factors for Hepatitis C Testing in Non-Birth Cohort Patients

Summary: Patients outside of the Birth Cohort (born 1945 to 1965) who were tested for hepatitis C were reviewed to determine why they were tested and risk factors were documented.

Authors: Amanda Smart, Alexander Geboy, Peter Basch, Whitney Nichols, Alexander Zeymo, Idene Perez, Maria Hafeez, Ilan Fleisher, Stephen Fernandez, Dawn Fishbein

Entity: MedStar Health Research Institute

Contact: aes242@georgetown.edu

Poster 51: Nilotinib Differentially Affects Oligomeric Alpha-synuclein and Reduces Phosphorylated Neurofilaments and Motor Symptoms in Parkinson’s Disease with Dementia and Lewy Body Dementia

Summary: This is a retrospective biomarker study of an open-label clinical study to examine the safety and efficacy of lower doses (<50% of CML dose) of Nilotinib in humans.

Authors: Yasar Torres-Yaghi, Fernando Pagan, Michaeline Hebron, Abigail Lawler, Nathan Torres-Yaghi, Barbara Wilmarth, Myrna Arellano, Ashot Shekoyan, Jaeil Ahn, Charbel Moussa

Entity: MedStar Georgetown University Hospital

Contact: yasaryaghi@gmail.com

Poster 52: Tyrosine Kinase Inhibition Clears Tau and Reserves Neuropathology and Motor Symptoms in a Novel Model of Progressive Supranuclear Palsy

Summary: Our objective was to examine the effects of tau accumulation in transgenic mice, observing both motor function and behavior.

Authors: Yasar Torres-Yaghi, Fernando Pagan, Abigail Lawler, Tara Kimbason, Nathan Starr, Barbara Wilmarth, Myrna Arellano, Monica Javidnia, Michaeline Hebron, Charbel Moussa

Entity: MedStar Georgetown University Hospital

Contact: yasaryaghi@gmail.com

Poster 53: Hepatitis C Cascade of Care in Non-birth Cohort Patients Within a Large Health System

Summary: Rising HCV incidence in populations born outside of the birth cohort (born 1945 to 1965)–the non-birth cohort (non-BC)–suggests a need to refocus HCV linkage efforts. This study examines a system-wide HCV cascade of care model for the non-BC (HCoC).

Authors: Chinnyere C. Ukaegbu, Alexander G. Geboy, Whitney L. Nichols, Amanda E. Smart, Stephen J. Fernandez, Alexander Zeymo, Michael W. Plankey, Ying Li, Peter Basch, Dawn A. Fishbein

Entity: MedStar Health Research Institute

Contact: chinnyere.c.ukaegbu@medstar.net

Poster 54: A Comparison of the Frequency, Duration and Severity of Salivary Side Effects in Differentiated Thyroid Cancer Patients Treated with <1.85 Gbq (50 Mci) Versus >7.4 Gbq (200 Mci) I-131 Therapy: An Analysis of the ThyCa National Survey

Summary: The salivary side effects (SSE) after high prescribed activity (HPA) of 131I therapy (tx) is well-established; however, the frequency, time of onset, duration and severity of low prescribed activity (LPA) is less well characterized.

Authors: Douglas Van Nostrand, Di Wu, Jordan Hall, Gauri Khorjekar, Alexander Zeymo, Michael T. Brennan, Bryan McIver, Gary Bloom

Entity: MedStar Health Research Institute

Contact: douglas.van.nostrand@medstar.net

Poster 55: Association Between Prediabetes and Risk of CCKD

Summary: Prediabetes is modestly associated with an increase in chronic kidney disease risk, but this remains to be robustly confirmed. CKD screening among people with prediabetes, and aggressive management of pre-diabetes in those with CKD may be warranted.

Author: David S. Weisman

Entity: MedStar Good Samaritan Hospital

Contact: david.s.weisman@medstar.net
Poster 56: Racial Differences in Eating Patterns and Food Purchasing Behaviors
Summary: This study examined the differences in diet and food purchasing behaviors between Black and White women aged 65 and over living in urban neighborhoods of the Washington, D.C., metropolitan area.
Authors: Wenjun Li, Gretchen Youssef, Kevin Kane, Kristen Brown, Michelle Magee
Entity: MedStar Health
Contact: gretchen.a.youssef@medstar.net

Poster 57: Depletion Resistant Effector Memory T Cells Mediate Thymoglobulin Refractory Allograft Rejection in Human Intestinal Transplant Recipients
Summary: T cell depletion immunomonitoring in the allograft is clinically superior to peripheral blood during treatment of acute cellular rejection with Thymoglobulin in human intestinal transplant patients.
Authors: Oswaldo Aguirre, Brenna Houlihan, Chris Cosentino, Priscilla Cha, Brian Monahan, Raffaele Girlanda, Jason Hawksworth, Cal Matsumoto, Michael Zasloff, Thomas Fishbein, Alexander Kroemer
Entity: MedStar Georgetown University Hospital
Contact: oswaldo.aguirre@gunet.georgetown.edu

Poster 58: Belimumab Use in African-American Patients in an US Academic Medical Center
Summary: Belimumab is an anti-BAFF monoclonal antibody approved for the treatment of auto-antibody positive patients with SLE. This study examines the effect of belimumab on clinical outcomes and disease activity in a cohort of African-American patients with SLE.
Authors: Paloma Alejandro, Christopher E. Collins, Anjani Pillarisetty
Entity: Georgetown University Medical Center
Contact: paloma.alejandro@medstar.net

Poster 59: Pimvanserin Effect on Cognitive Function in Parkinson’s Disease Psychosis
Summary: This study highlights the potential role of Pimvanserin in improving cognitive function. Pimvanserin may be helpful in improving cognition in PD patients, reducing complications and easing burdens associated with advancing PD.
Authors: Marcelle Altshuler, Yasar Torres-Yaghi, Abigail Keys, Nathan Star, Tara Kimbason, Bahar Niknejad, Charbel Moussa, Fernando Pagan
Entity: Georgetown University School of Medicine
Contact: msa121@georgetown.edu

Poster 60: Concurrent Seronegative Myasthenia Gravis and Parkinson Disease: A Case Report
Summary: Although Parkinson disease (PD) and myasthenia gravis (MG) are relatively common diseases encountered in neurologic practice, the concurrence of both disorders in a single patient is a rarely reported phenomenon.
Author: Brian D. Barry
Entity: MedStar Georgetown University Hospital
Contact: bdbarry22@gmail.com

Poster 61: Anti-PD1 Antibody Pembrolizumab treatment of Metastatic Thymic Cancer as Antigenic Trigger for Myasthenia Gravis
Summary: To report on the acute onset of myasthenic syndrome in a patient during treatment with programmed death-1 (PD-1) inhibitor monoclonal antibody pembrolizumab for the treatment of stage IV thymic cancer.
Authors: Ahmareen Baten, Nadia Yusuf
Entity: MedStar Georgetown University Hospital
Contact: pearl.a.baten@gmail.com

Poster 62: Mitotane Induces Mitochondrial Membrane Depolarization and Apoptosis in Thyroid Cancer Cells
Summary: In this in-vitro study, we repositioned Mitotane for treatment of thyroid cancer. We showed that Mitotane targets mitochondria and induces apoptosis in thyroid cancer cells, and has the potential to be used in aggressive, undifferentiated thyroid cancers.
Authors: Athanasios Bikas, Kirk Jensen, John Costello, Aneeta Patel, Leonard Wartofsky, Kenneth Burman, Vasyl Vasko
Entity: MedStar Georgetown University Hospital
Contact: Athanasios.Bikas@medstar.net
Poster 63: The Role of Autophagy Regulator LC3B in Thyroid Cancer Cells Response to Metabolic Stress and Radiation
Summary: We performed in-vitro studies in thyroid cancer cells, and examined the expression of the autophagy regulator LC3B in human thyroid cancers. We showed that defective autophagy (via decreased LC3B) can contribute to thyroid cancer cell resistance to therapy.
Authors: Athanasios Bikas, Kirk Jensen, Aneeta Patel, John Costello, Rok Tkavc, Leonard Wartofsky, Kenneth Burman, Vasyl Vasko
Entity: MedStar Georgetown University Hospital
Contact: Athanasios.Bikas@medstar.net

Poster 64: Hearing Loss and Quality of Life Among Human Immunodeficiency Virus (HIV)-infected and Uninfected Adults
Summary: Although we did not find a statistically significant association of hearing loss with QOL by HIV status, testing for hearing loss with aging and recommending treatment may offset any presumed later life decline in QOL.
Authors: Nikki Duong, Michael Plankey
Entity: MedStar Georgetown University Hospital
Contact: nduong91@gmail.com

Poster 65: Evaluation of Positive and Negative Predictors of Seizure Outcomes Among Patients with Immune-mediated Epilepsy: A Meta-analysis
Summary: This study analyzed literature on autoimmune epilepsy and assessed predictors of seizure outcome finding that older age, presence of cell-surface antibodies, early diagnosis and immunomodulatory treatment are associated with better seizure outcomes.
Authors: Zehra Farzal, Divyanshu Dubey, Ryan Hays, Steven Vernino
Entity: MedStar Georgetown University Hospital
Contact: zehrafarzal@gmail.com

Poster 66: Intravenous Immunoglobulin (IVIG) Is an Effective Treatment of Refractory Cutaneous Dermatomyositis
Summary: Cutaneous manifestations of dermatomyositis are frequently refractory to treatment. IVIG has been shown to be effective for management of muscular disease in dermatomyositis. Here we report that 80% of patients treated with IVIG.
Authors: Fabrizio Galimberti, Anthony P. Fernandez
Entity: MedStar Washington Hospital Center
Contact: fbzgalimberti@gmail.com

Poster 67: The Blues and More Bad News: Unusual Presentation of Native Valve Infective Endocarditis
Summary: This case demonstrates the importance of continued vigilance when faced with a probable contaminant. Normal flora can cause infections and can be easily dismissed with potentially disastrous outcomes.
Authors: Maimoona Inayat, Justin White
Entity: MedStar Health Internal Medicine
Contact: maimoona.inayat@medstar.net

Poster 68: The Phyllodes Lesion: A Pictorial Exhibit with Rad-path Correlation and Management Review
Summary: Phyllodes tumors are fibroepithelial lesions of the breast which often present a diagnostic and management dilemma.
Authors: Suzanne Iorfido, Janice Jeon, Erini Makariou, Erin Crane
Entity: MedStar Georgetown University Hospital
Contact: suzsmith422@gmail.com

Poster 69: Efficacy of Early Laser Treatment in Scar Minimization: A Systematic Review and Meta-analysis
Summary: Studies testing the efficacy of lasers to minimize cutaneous scar formation when applied to fresh surgical wounds are often low powered and report variable results. To investigate the evidence, we performed a systematic review and meta-analysis of RCTs.
Authors: Rhett Kent, Cynthia DeKlotz, Jeffery Shupp
Entity: MedStar Washington Hospital Center; MedStar Georgetown University Hospital
Contact: rhettkent@gmail.com
Poster 70: Nilotinib Significantly Alters CSF Biomarkers and Increases Endogenous Dopamine in Open-label Phase One Clinical Trial in Parkinson’s Disease with Dementia and Lewy Body Dementia

Summary: The objective was to determine whether Nilotinib crosses the blood brain barrier (BBB).

Authors: Abigail Keys, Charbel Moussa, Ellen Valadez, Yasar Torres-Yaghi, Ramsey Falconer, Sean Rogers, Barbara Wilmarth, Michaeleine Hebron, Fernando Pagan

Entity: MedStar Georgetown University Hospital

Contact: abbey31@hotmail.com

Poster 71: Proteinuria as a Predictor for AKI Following Coronary Artery Bypass Grafting

Summary: One of the most common post-op complication of CABG is AKI. We predicted that proteinuria is a reliable biomarker of early AKI detection and monitoring this biomarker may lead to decreased morbidity and mortality.

Authors: Injoon Lee, Kevin Hageman, Wen Shen

Entity: MedStar Georgetown University Hospital

Contact: injoon.lee@gunet.georgetown.edu

Poster 72: Interstitial Pneumonia with Autoimmune Features (IPAF): Are There Definable Subsets?

Summary: Reviewing a fairly new entity called IPAF to determine validity of criteria as well as evaluate similarities with autoimmune conditions and possibly investigate treatment options.

Authors: Sepehr Mesdaghinia, Virginia D. Steen

Entity: MedStar Georgetown University Hospital

Contact: sepehr.mesdaghinia@gmail.com

Poster 73: The Validation of Glucosylsphingosine As a Pathophysiologically Relevant Biomarker of Gaucher Disease

Summary: In Gaucher disease, we demonstrate the utility of lyso-GL1 as a biomarker to longitudinally monitor disease severity and to facilitate comparison of relative efficacy of existing therapies.

Authors: Vagishwari Murugesan, Vagishwari Murugesan, Jun Liu, Katherine Kacena, Wei-Lien Chuang, Kate Zhang, Joan Keutzer, Pramod Mistry

Entity: MedStar Health

Contact: vagishwari.murugesan@gmail.com

Poster 74: Efficacy of Endoscopic Balloon Dilation as Initial Intervention for Partial Obstruction of the Gastric Sleeve

Summary: Study to determine the prevalence of dysphagia after Sleeve Gastrectomy, evaluate association with common medical conditions and to assess the efficacy of endoscopic hydrostatic balloon dilation as the initial intervention for narrowing of esophagus.

Authors: Anand Nath, Timothy R. Koch, Timothy R. Shope, John Brebbia

Entity: MedStar Washington Hospital Center

Contact: timothy.r.koch@medstar.net

Poster 75: Is the High Prevalence of IBS in the Morbidly Obese Related to Sleep Disorders?

Summary: Morbidly obese individuals have higher prevalence of IBS and sleep disorders than general population. This is retrospective study to determine association between IBS and sleep disorders.

Authors: Anand Nath, Timothy R. Koch, Timothy R. Shope, John Brebbia

Entity: MedStar Washington Hospital Center

Contact: timothy.r.koch@medstar.net

Poster 76: IgG4 Related Disease Involving the Esophagus: A Clinico-pathological Study

Summary: Immunoglobulin G4 (IgG4) related disease involving the esophagus is a very rare disease. Here we describe the clinico-pathologic characteristics of eight cases of IgG4-related esophagitis and compare our findings to cases of non-specific chronic esophagitis.

Authors: Ifeyinwa Obiorah, Ali H. Hassan, Caren Palese, Stanley Benjamin, Norio Azumi, Metin Ozdemirli

Entity: MedStar Georgetown University Hospital

Contact: ifeyinwa.e.obiorah@gunet.georgetown.edu
Poster 77: Relationship Between Bariatric Surgery Weight Loss and TSH: A Retrospective Study
Summary: To study the relationship between TSH and weight loss post bariatric surgery.
Authors: Alejandro Santos Leal, Pamela R. Schroeder
Entity: MedStar Union Memorial Hospital
Contact: alejandro.santosleal@medstar.net

Poster 78: Overall Survival Rate of Patients with Differentiated Thyroid Cancer Bone Metastasis
Summary: Improved overall survival for differentiated thyroid cancer bone metastasis at MedStar Washington Hospital Center since 2001 compared to reported overall survival in literature prior 2001.
Authors: Di Wu, Cristiane J. Gomes Lima, Shari L. Moreau, Kanchan Kulkarni, Alexander Zeymo, Kenneth D. Burman, Leonard Wartofsky, Douglas Van Nostrand
Entity: MedStar Health Research Institute
Contact: di.wu2@medstar.net

Poster 79: Evaluation of Factors Associated with a Pathogenic PRSS1, SPINK1, CTFR, and/or CTRC Gene Mutation(s) in Patients with Idiopathic Pancreatitis
Summary: We evaluated factors associated with pathogenic genetic variants in patients with idiopathic pancreatitis.
Authors: Niloofar Yahyapourjalaly, Robert Moran, Farshid Fargahi, Anne Marie Lennon, Vikesh Singh
Entity: MedStar Health
Contact: dr.njalaly@gmail.com

Case Reports
Poster 80: A Rare Cause of Jaundice: IGG4-Related Autoimmune Sclerosing Cholangitis
Authors: Nehna Abdul Majeed, Nehna Abdul Majeed, Athmananda Nanjundappa
Entity: MedStar Georgetown University Hospital
Contact: nehna_maj@yahoo.co.in

Poster 81: Cunning Enterobacter: A Growing Epidemic
Authors: Okan I. Akay, Charmian Sittambalam, Marcos Wolff
Entity: MedStar Georgetown University Hospital
Contact: Okan.I.Akay@medstar.net

Poster 82: Importance of Identifying Hepatitis B Infections in at Risk Patients
Authors: Michael R. Aughenbaugh, Kevin Chen
Entity: MedStar Health
Contact: michael.r.aughenbaugh@medstar.net

Poster 83: Beriberi: An Oft-overlooked Cause of Altered Mentation
Authors: Zain F. Cawasji, Syed N. Mahmood, Owen G. Schwartz
Entity: MedStar Health
Contact: zaincawasji@gmail.com

Poster 84: New-onset Pedophilia in a Case of Latent Neurosyphilis: A Case Report and Review of the Literature of New-onset Inappropriate Sexual Behavior in Dementia
Authors: Megan D. Chochol, Thomas J. Cummings
Entity: MedStar Health
Contact: megan.d.chochol@gunet.georgetown.edu

Poster 85: Muir-Torre Syndrome: The Phenotypic Lynch Syndrome Variant That Requires Very Aggressive Dermatologic and Endoscopic Surveillance
Authors: Victor Ciofoaia, Pietro Diana, Aline Charabaty
Entity: MedStar Georgetown University Hospital
Contact: victor.ciofoaia@gunet.georgetown.edu
Poster 86: As a Last Resort: The Use of Percutaneous Transhepatic Biliary Drainage for Refractory Malignant Bowel Obstruction
Authors: Sebastian Cousins, Alice Lee, Nancy Kim, Alexander Kim, Heidi Young
Entity: MedStar Georgetown University Hospital
Contact: Sebastian.P.Cousins@gunet.georgetown.edu

Poster 87: Methimazole Induced Severe Hepatotoxicity
Authors: Sahana P. Dongerkery, Pamela Schroeder, Paul Sack
Entity: MedStar Union Memorial Hospital
Contact: dr.pai.sd@gmail.com

Poster 88: Blindsided ...
Authors: Rehan M. Farooqi, Mohammed Nabeel
Entity: MedStar Union Memorial Hospital
Contact: rehan.m.farooqi@medstar.net

Poster 89: When Taking a Chance Saves a Patient’s Life
Authors: Maham Farshidpour, Marcela Davalos
Entity: MedStar Union Memorial Hospital
Contact: maham.farshidpour@medstar.net

Poster 90: Diffuse Infantile Liver Hemangioendothelioma
Authors: Melany A. Gaetani, Melany Gaetani, Nada Yazigi
Entity: MedStar Georgetown University Hospital
Contact: melany.gaetani@gmail.com

Poster 91: Asymptomatic Young Male with Congenital Hepatic Fibrosis
Authors: Sanum Gandapur, Maimoona Inayat
Entity: MedStar Union Memorial Hospital
Contact: sanum_g@hotmail.com

Poster 92: Two Different RAS Mutations of Coexistent Papillary Thyroid Carcinoma in Both Struma Ovarii a in the Thyroid Gland
Authors: Cristiane J. Gomes-Lima, Yuri E. Nikiforov, Kenneth D. Burman
Entity: MedStar Health Research Institute
Contact: cristiane.lima@medstar.net

Poster 93: Rapidly Progressive Encephalitis
Authors: Louis J. Goodrich, Joseph M. Choi
Entity: Georgetown University
Contact: ljgoodrich@gmail.com

Poster 94: Spinal Dural Arteriovenous Fistula: A Rare Presentation in the Cervico-thoracic Spine
Authors: Nancy N. Hu, Amit Shah
Entity: MedStar Georgetown University Hospital
Contact: nancynhu@gmail.com

Poster 95: Unusual Cause of Swollen Face
Authors: Deborah L. Kim, Florina Constantinescu
Entity: MedStar Washington Hospital Center
Contact: deborah.kim@medstar.net

Poster 96: Levodopa-Carbidopa Intestinal Gel Added to Long-term Deep Brain Stimulation for Advanced Parkinson’s Disease Complicated by Gastroparesis: A Case Report
Authors: Laura Kirkpatrick, Yasar Torres-Yaghi, Abigail Keys, Nathan Starr, Tara Kimbason, Charbel Moussa, Fahd Amjad, Fernando Pagan
Entity: MedStar Georgetown University Hospital
Contact: lak72@georgetown.edu
Poster 97: A Case of Severe Gestational Hypertriglyceridemia
Authors: Lauren E. Kleess, Natasa Janicic
Entity: MedStar Washington Hospital Center; MedStar Georgetown University Hospital
Contact: lauren.kleess@yahoo.com

Poster 98: A Case Report of Rheumatoid Arthritis with Secondary Renal Amyloidosis
Authors: Sumit Kunwar, Christopher Collins, Florina Constantinescu, Konstantinos Loupasakis
Entity: MedStar Washington Hospital Center
Contact: sumit.kunwar@medstar.net

Poster 99: Pembrolizumab-induced Myasthenia Gravis and Myositis: A Case Report and Review of the Literature of Neurological Complications Associated with Programmed Cell Death 1 Receptor Inhibitors
Authors: Guillaume J. Lamotte, Austin Jacob
Entity: MedStar Georgetown University Hospital
Contact: guillaumelamotte14@gmail.com

Poster 100: A Case of Successful Remission in Ulcerative Colitis Using Herbal Therapy
Authors: Alice M. Lee, Mark Mattar
Entity: MedStar Georgetown University Hospital
Contact: mkalice@gmail.com

Poster 101: Duodeno-caval Fistula: A Rare Case with an Unusual Etiology
Authors: Syed Nazeer Mahmood, Ali AlSayeed Hussain, Harjiwander Sidhu
Entity: MedStar Washington Hospital Center
Contact: snazeerm@gmail.com

Poster 102: Microscopic Polyangiitis in a Patient with Previously Known Presence of Atypical Perinuclear Anti-neutrophil Cytoplasmic Antibodies (p-ANCA): An Unknown Correlation
Authors: Alvin M. Maliakal, Jigar Patel, Paloma Alejandro, Christopher Collins
Entity: MedStar Washington Hospital Center
Contact: alvinmmathew@yahoo.com

Poster 103: Cat Scratch Colon
Author: Rohan Mandaliya
Entity: MedStar Georgetown University Hospital
Contact: rohan86m@gmail.com

Poster 104: STRESS: An Unlikely Cause of Stroke
Authors: Pooja Mohan Rao, Jessica Stevens, Matthew Edwardson, Andrew Stemer
Entity: Georgetown University
Contact: pamspooja@yahoo.co.in

Poster 105: AMS After Lymphangiography: Is a Lipiodal Embolus the Culprit?
Author: Prathyusha Pagadala
Entity: MedStar Washington Hospital Center
Contact: prathyusha.pagadala@medstar.net

Poster 106: Spontaneous Intrathyroidal Hemorrhage Precipitated by Anticoagulation Therapy Resulting in Acute Respiratory Failure
Authors: Tanvi Parikh, Meeta Sharma, Kenneth Burman, Fady Hannah-Shmouni, Sharleen Sidhu
Entity: MedStar Washington Hospital Center
Contact: tanvip12@hotmail.com
Poster 107: Rare Squamous Esophageal Papilloma: A Case Series
Authors: Tanuj Sharma, Omar Shahbaz, Won K. Cho
Entity: MedStar Washington Hospital Center
Contact: tanuj.sharma@medstar.net

Poster 108: Hypogammaglobulinemia with Undetectable IGA in Two Patients with Granulomatosis with Polyangiitis
Authors: Jessica L. Sheingold, Stephen R. Mitchell
Entity: MedStar Georgetown University Hospital
Contact: jls1031@gmail.com

Poster 109: Bilateral Cavernous Sinus Thrombosis
Author: Abhilasha Singh
Entity: MedStar Franklin Square Medical Center
Contact: rameez91@gmail.com

Poster 110: Lupus Overlap with Polymyositis Presenting with Rhabdomyolysis
Authors: Praveena Sunkara, Maimoona Inayat, Brent T. Harris
Entity: Medstar Health Internal Medicine
Contact: praveena.sunkara@medstar.net

Poster 111: Isolated Neurosarcoidosis: A Challenging Diagnosis!
Authors: Kanchan Tiwari, Maimoona Inayat
Entity: MedStar Union Memorial Hospital
Contact: kanchan.tiwari@medstar.net

Poster 112: ‘Scramble’-d Lungs: Drug-Induced Diffuse Alveolar Hemorrhage
Authors: Jasmine Toor, Amanda K. Pereira, David Weisman
Entity: MedStar Health, Baltimore
Contact: jasmine.toor@medstar.net

Poster 113: A Cavernous Sinus
Authors: Michael A. Ullman, Benjamin J. Osborne
Entity: MedStar Washington Hospital Center
Contact: mullman@gmail.com

Poster 114: A Case Report of Epinephrine Induced Takotsubo Cardiomyopathy in the Setting of Lamotrigine Induced Stevens-Johnson Syndrome
Authors: Akshat Vyas, Monica Valentin
Entity: MedStar Washington Hospital Center
Contact: akshat.vyas@medstar.net

Poster 115: Unusual Case of Pancytopenia
Authors: Sayf A. Yassin, Jeffrey Landis, Lyn Camire, David Weisman
Entity: MedStar Union Memorial Hospital
Contact: Sayf.A.Yassin@MedStar.net

Poster 116: Lethal Necrotizing Pneumonia with Multiple Septic Emboli Without Right Heart Involvement
Authors: Muharrem Yunce, Marcos A. Wolff, Nargiz Mugarlinskaya, Stephen Selinger
Entity: MedStar Franklin Square Medical Center
Contact: muharrem.yunce@medstar.net
**Poster 117: Characterization of the Microbiome in Tonsils of Patients Diagnosed with Pediatric Autoimmune Neuropsychiatric Disorder Associated with Streptococcus (PANDAS)**

**Summary:** This study aims to describe the tonsillar microbiome of patients with PANDAS. To our knowledge, there is no available literature that characterizes this association.

**Authors:** Sallie Long, Jack Lally, Earl H. Harley

**Entity:** Georgetown University

**Contact:** sml259@georgetown.edu

**Poster 118: Decipher Prostate Cancer Classifier does not Correlate with Clinicopathologic Prostate Cancer Classifiers in African-American Men**

**Summary:** This study aimed to determine whether a genomic risk classifier used to predict risk of metastatic progression in prostate cancer correlates with established clinicopathologic risk classification systems in African-American men.

**Authors:** Jordan Alger, Rohit Patil, Anna Chichura, Filipe La Fuente Carvalho, Jonathan Hwang, Lambros Stamatakis

**Entity:** MedStar Georgetown University Hospital

**Contact:** jordan.e.alger@gmail.com

**Poster 119: Lessons Learned from the Application of IORT (Intra-operative Radiation Therapy) as a Treatment Modality for DCIS a Early Stage Breast Cancer**

**Summary:** IORT can be safely implemented as a treatment modality for DCIS and early stage breast cancer.

**Authors:** Patrick Assi, Maen Farha

**Entity:** MedStar Union Memorial Hospital

**Contact:** patrick.a13@hotmail.com

**Poster 120: Patient Age Significantly Influences Post-Esophagectomy Inpatient Mortality, Length of Stay, Hospital Charges, a Discharge Disposition**

**Summary:** Post-esophagectomy in-patient mortality, LOS, inpatient charges and the need for post-discharge to skilled nursing facility increase significantly with age. Inpatient charges alone underestimate the overall cost of esophagectomy care.

**Authors:** Esther H. Cha, Gregory Burgoyne, Richard F. Heitmiller

**Entity:** MedStar Union Memorial Hospital

**Contact:** Chaeh@vcu.edu

**Poster 121: The Safety and Efficacy of Vitreoretinal Surgery Performed by First-year Vitreoretinal Fellows**

**Summary:** The purpose of this study is to review the outcomes of VRS performed by beginning surgeons and analyze changes in complication rates and surgical efficiency over the first year of fellowship.

**Authors:** Jacquelyn Daubert, Joshua Levinson, Michael Lai

**Entity:** MedStar Georgetown University Hospital; MedStar Washington Hospital Center

**Contact:** jdaubertmd@gmail.com

**Poster 122: Resident Selection Process: Comparison of Traditional Ranking to Psychometric Testing**

**Summary:** Two goals of residency programs are to find qualities that predict a successful resident and develop tools that can better select candidates with those traits. This study aims to evaluate one such tool currently being used by Otolaryngology programs.

**Authors:** Christine DeMason, Kelly Scriven, Sonya Malekzadeh, Michael Reilly

**Entity:** Georgetown University

**Contact:** demasonc@gmail.com

**Poster 123: Incisional Hernias Following Major Gastrointestinal Resection Procedures**

**Summary:** A retrospective study investigating Incisional Hernia Repair Rates following major gastrointestinal resection procedures at a large, diverse, multi-hospital network (MedStar Health) over the last decade.

**Authors:** Chris Devulapalli, Alex Lofthus, Erik Anderson, Parag Bhanot

**Entity:** MedStar Georgetown University Hospital

**Contact:** Chaitan.Devulapalli@gunet.georgetown.edu
Poster 124: Use of Exonal Mutation Analysis in Surgically-Treated Gastrointestinal Stromal Tumors
Summary: Our team seeks to understand the clinical utility of exon mutation analysis in the treatment of gastrointestinal stromal tumor (GIST).
Authors: Hayden Dohnalek, Rachel Acree, Dustin Bihm, Katherine Pulice, Humair Quadri, Lynt B. Johnson, John Marshall, Nadim G. Haddad, Petra Prins, Waddah Al-Refaie
Entity: MedStar Georgetown University Hospital
Contact: hmd32@georgetown.edu

Summary: A retrospective analysis was undertaken of risk factors influencing limb salvage in all patients with recalcitrant wounds following total knee arthroplasty at a tertiary care center for total joint arthroplasty and reconstructive surgery.
Authors: James Economides, Michael DeFazio, Chris Attinger, Karen Evans
Entity: MedStar Georgetown University Hospital
Contact: jameseconomides@gmail.com

Poster 126: Risk Factors Associated with Major Lower Extremity Amputations After Osseous Diabetic Charcot Reconstruction
Summary: Retrospective review of 285 patients aimed to uncover independent risk factors for major lower extremity amputation in patients who have undergone Diabetic Charcot Reconstruction.
Authors: Tammer Elmarsafi, Ersilia Anghel, Anagha Kumar, Paul Cooper, Karen K. Evans, John S. Steinberg, Paul J. Kim, Christopher E. Attinger
Entity: Center for Wound Healing and Hyperbaric Medicine
Contact: telmarsafi.medstar@gmail.com

Poster 127: Impact of Early Reoperation for Bleeding on HCC Recurrence After Liver Transplant
Summary: The aim of this study was to investigate the impact of early reoperation for bleeding on HCC recurrence after liver transplant after adjusting other clinic-pathological biases.
Authors: Ahmed M. Elsabbagh, Jacqueline McKesey, Jason Hawksworth, Thomas M. Fishbein
Entity: Georgetown University
Contact: ahmed.m.elsabbagh@gunet.georgetown.edu

Poster 128: Complication Rate in Minimally Invasive Revision Lumbar Discectomy: A Case Series and Technical Note
Summary: In the setting of recurrent lumbar disc herniation, minimally invasive tubular discectomy compares favorably to open microdiscectomy and may be associated fewer complications than previously reported in the literature.
Authors: Daniel R. Felbaum, Jeffrey J. Stewart, Casey Distaso, Faheem A. Sandhu
Entity: MedStar Georgetown University Hospital
Contact: rocky.felbaum@gmail.com

Poster 129: Five-year Outcomes of a Regional Anesthesia Program at MedStar Washington Hospital Center on Recurrence, Nausea, a Pain Control in Breast Cancer Surgery
Summary: The aim of this study was to evaluate the effects of regional anesthesia on breast cancer recurrence, postoperative nausea/vomiting, and pain control since it is known to decrease the surgical stress response and promote immunity.
Author: Michelle L. Haslinger
Entity: MedStar Georgetown University Hospital; MedStar Washington Hospital Center
Contact: mlhass27@gmail.com

Poster 130: Phosphodiesterase Type 5 Inhibitor Use does not Affect Heart Failure Hospitalizations in Patients with Continuous Flow Left Ventricular Devices
Summary: PDE5 inhibitor use did not reduce the rate of heart failure hospitalization in this population. Continued investigation of effect of PDE-5 inhibitor use on clinical end points is needed to guide use of this therapy in the LVAD population.
Authors: Mohamed T. Hassanein, Farooq H. Sheikh, Steven W. Boyce, Selma F. Mohammed, David T. Majure
Entity: MedStar Washington Hospital Center
Contact: mohamed.t.hassanein@medstar.net
Poster 131: Esophageal Anastomoses: Getting to Zero Leaks with Transoral End-To-End Anastomotic Stapler
Summary: A single institution analysis of techniques used to minimize the rate of anastomotic leaks complicating esophagectomy with esophagogastrostomy reconstruction.
Authors: Conor F. Hynes, Darren Jackson, Matthew Pichert, Nadim G. Haddad, Marc Margolis, Thomas J. Watson, Blair Marshall
Entity: MedStar Georgetown University Hospital
Contact: conor.f.hynes@gmail.com

Poster 132: Analysis of Hospital Admissions in Patients Younger Than 50 Years with Acute Colonic Diverticulitis
Summary: Acute colonic diverticulitis is a common entity that predominantly effects patients over the age of 50 and excellent guidelines for its management exist. Conversely, similar guidelines for younger patients are still lacking.
Authors: Matthew Kelley, Gregory Burgoyne
Entity: MedStar Union Memorial Hospital
Contact: mpkelley86@me.com

Poster 133: Corneal Hysteresis as a Screening Tool for Normal Tension Glaucoma
Summary: Evidence supporting low corneal hysteresis as a valuable screening measurement for Normal Tension Glaucoma
Authors: Laura S. Kueny, Ming Chen, Arthur Schwartz
Entity: MedStar Washington Hospital Center
Contact: kuenyls@gmail.com

Poster 134: A One-year Comparison of Outcomes for Normal Saline and an Antiseptic Solution for Negative Pressure Wound Therapy with Instillation
Summary: Negative pressure wound therapy with instillation is an adjunctive treatment to debridement that utilizes periodic installation of a solution and negative pressure. The objective of this study was to compare normal saline versus an antiseptic solution.
Authors: Ryan K. Mathis, Ersilia L. Anghel, Anagha Kumar, Paul Kim
Entity: Georgetown University
Contact: rkm106@gunet.georgetown.edu

Poster 135: Corneal Endothelial Cell Density in a Large Study of Patients with Primary Pterygium
Summary: The purpose of this investigation was to assess endothelial cell density (ECD) in patients with pterygium and investigate relationships between pterygium severity and ECD.
Authors: Kirsten J. Midgley, Michael Korchak, Sandra Cremers, Jenny Ha
Entity: MedStar Washington Hospital Center
Contact: kirsten.j.midgley@medstar.net

Poster 136: Case Control Analysis Identifying Factors Affecting Non-compliance in Veterans with Head and Neck Squamous Cell Cancer
Summary: With noncompliance recognized as a significant limiting factor in the veterans population, this study aims determine the incidence of non-compliance among advanced stage HNSCC in veterans and to identify predictors of noncompliance.
Authors: Kelly F. Moyer, Jessica Maxwell
Entity: MedStar Georgetown University Hospital
Contact: kfisher208@gmail.com

Poster 137: Colorectal Cancer Screening in an Urban Hospital Population
Summary: The purpose of this study was to uncover barriers to screening by surveying an urban hospital inpatient population in hopes of devising a novel way to inform patients about its importance.
Authors: Andrew C. Raissis, Matthew J. Wheeler, Brian L. Bello, Thomas J. Stahl, Luis O. Hernandez, James F. Fitzgerald, Mohammed Bayasi, Jennifer M. Ayscue
Entity: MedStar Washington Hospital Center
Contact: andrew.c.raissis@medstar.net

Poster 138: Port Site Metastases Following Laparoscopic Colectomy for Colorectal Cancer
Summary: This study reviews the risk of peritoneal metastases from laparoscopy using a case series.
Authors: Maame Efua Sampah, Mei Li Kwong, Paul Sugarbaker, Bikram K. Paul
Entity: MedStar Washington Hospital Center
Contact: m.sampah@gmail.com
Poster 139: A Review of Uncommon Nipple Pathology with Illustrative Cases
Summary: Presenting our experience with uncommon nipple pathology with illustrative pictures of gross appearance and histology of these lesions with a review of the literature.
Authors: Sami Shoucair, Maen Farha
Entity: MedStar Union Memorial Hospital
Contact: sami.shkeir@gmail.com

Poster 140: Expanding the Safety of Nipple-sparing Mastectomy to “High Risk” Patients
Summary: In an effort to expand nipple-sparing mastectomy to more patients, this study demonstrates that “high risk” patients have comparable NAC complications, NAC survival and unplanned re-operative rates to “ideal” candidates for nipple-sparing mastectomy.
Authors: Michael Sosin, Andrew Crocker, Kieranjeet Nijar, Elizabeth Moroni, Mabel Chan, Troy A. Pittman, Shawna C. Willey, Eleni A. Tousimis
Entity: MedStar Georgetown University Hospital
Contact: sosinmi@gmail.com

Poster 141: Early Vitrectomy for Spontaneous, Fundus-obscuring Vitreous Hemorrhage
Summary: This retrospective review, which examined cases of fundus-obscuring vitreous hemorrhage presumed to be due to posterior vitreous detachment, found that visual outcomes of early surgical intervention were similar to outcomes with conservative management.
Authors: Zoey Stoumbos, Alexander Melamud, Hubert Pham
Entity: MedStar Georgetown University Hospital; MedStar Washington Hospital Center
Contact: zoey.stoumbos@gmail.com

Summary: We present a novel use of optimesh for management of symptomatic lumbar degenerative disc disease.
Authors: Alexander X. Tai, Daniel R Felbaum, Faheem Sandhu, Rita Snyder
Entity: MedStar Health
Contact: axt2@georgetown.edu

Case Reports
Poster 143: Wounds with Exposed and Infected Hardware in the Lower Extremity: A Review of Literature and Case Presentation
Author: Jayson N. Atves
Entity: MedStar Washington Hospital Center
Contact: jatves@kent.edu

Poster 144: Sleeve Gastrectomy and Left Ventricular Assist Device as a Pathway to Cardiac Transplantation in Patients with Morbid Obesity and Heart Failure
Authors: Joseph A. Greene, Timothy Shope, Tung Tran
Entity: MedStar Washington Hospital Center
Contact: josephagreene@gmail.com

Poster 145: Revascularization of Left Subclavian Artery for Posterior Circulation Stroke After TEVAR
Authors: Vahram Ornekian, Joshua Dearing, Steven D. Abramowitz
Entity: MedStar Health
Contact: vahramo@gmail.com

Poster 146: Acute Posterior Multifocal Placoid Pigment Epitheliopathy in a 13-year-old Male: A Case Report
Authors: Ferdinand Rodriguez Agramonte, Laura Kueny
Entity: MedStar Washington Hospital Center; MedStar Georgetown University Hospital
Contact: ferdirodriguez@gmail.com
Critical Care/Burn/Resuscitation/Trauma

Poster 149: Characterization of Suspected Synthetic Cannabinoid Intoxications in Washington, D.C.
Summary: This study characterizes reported synthetic cannabinoid exposures presenting to emergency departments (EDs) in Washington, D.C.
Authors: Maryann E. Amirshahi, Bradley Gelfand, Chikarlo Leak, Samantha Tolliver, Diane Sauter
Entity: MedStar Washington Hospital Center
Contact: maryannmazer@gmail.com

Poster 150: Making Inroads in Care of ICU Patients with Delirium: It Takes a Team
Summary: Recognizing potential impact on our largely older patient population, our facility join a national delirium collaborative, with a goal of improving implementation of and compliance with a bundle of best practices based on an easily-remembered pneumonic.
Authors: Vineesha Arelli, Rechel Santos, Debra Dillon
Entity: MedStar Montgomery Medical Center
Contact: ddillon@medstarmontgomery.org

Poster 151: Utilizing Collaboration To Determine Goals of Care Earlier
Summary: Learn how to implement a program that will empower nurses to communicate with the patient, family and members of the multi-disciplinary team to help identify the patients’ goals of care earlier. This program can impact costs and moral distress.
Authors: Marlena C. Fisher, Michelle M. Milic, Laura Fedge
Entity: MedStar Georgetown University Hospital
Contact: marlena.c.fisher@gunet.georgetown.edu

Poster 152: Elucidating the Contribution of Concurrent Non-thermal Trauma in Burn Injury Morbidity and Mortality
Summary: We utilized the National Burn Repository to gain insight into burned patients with concurrent non-thermal trauma and evaluate comparative outcomes. These complex injuries significantly increase morbidity and mortality of burn patients.
Authors: Melissa McLawhorn, Lauren B. Nosanov, Christina E. Stiles, Jeffrey W. Shupp
Entity: MedStar Health Research Institute
Contact: melissa.m.mclawhorn@medstar.net

Poster 153: Winter Is Coming: A Regional and National Perspective on Cold Injury
Summary: Cold injury was studied through institutional retrospective chart review with comparison to a national database. Understanding injury characterization and risk factors are necessary for proper triage and management.
Authors: Melissa M. McLawhorn, Lauren B. Nosanov, Shannon Radomski, Jenna N. Luker, Lauren T. Moffatt, Jeffrey W. Shupp
Entity: MedStar Health Research Institute
Contact: melissa.m.mclawhorn@medstar.net

Poster 154: Lactate and Base Deficit Both Outperform ED Vital Signs Predicting Early Survival From Sepsis
Summary: During initial six hours in ED, lactate and base deficit (BD) improved < 50% in non-survivors versus > 50 percent normalization in survivors. BD and lactate are better predictors of early septic shock, and in-hospital mortality; compared with standard vital sign trends.
Authors: Dave Milzman, Matt Paik, Seife Yohanes
Entity: Georgetown University
Contact: milzemand@georgetown.edu
Poster 155: Burn Injuries in Patients with Paralysis: A National Perspective on Injury Patterns and Outcomes
Summary: We examined paralyzed burn patients using data from the National Burn Repository. We found that they are susceptible to small scald injuries sustained at home and have longer hospital stays, as compared to matched non-paralyzed burn patients.
Authors: Jennifer L. Paul, Christina E. Stiles, Melissa M. McLawhorn, Lauren B. Nosanov, Jeffrey W. Shupp
Entity: MedStar Health Research Institute
Contact: jennifer.l.paul@medstar.net

Poster 156: Fluid Resuscitation in Critically Ill Patients with Shock: The Impact of Comorbidities
Summary: Achieving adequate filling pressures is a priority in the treatment of patients with shock. However, patients with heart failure or ESRD are often under-resuscitated. We assess the relationship between comorbidities and resuscitation practices in shock.
Authors: Ordessia Charran, Sherif Elmahdy, Matthew P. Schreiber
Entity: MedStar Washington Hospital Center
Contact: oc39@cornell.edu

Poster 157: Racial Disparities in Mortality and Complications After Burn Injury: Results of Analysis of the National Burn Repository
Summary: In a collaborative study between MedStar Washington Hospital Center and MedStar Health Research Institute, the National Burn Repository was used to identify differences in morbidity and mortality in a cohort of burn injured patients stratified by race.
Authors: Jason H. Chen, Lauren B. Nosanov, Mariana Vigiola Cruz, Melissa M. McLawhorn, Lauren T. Moffatt, Jeffrey W. Shupp
Entity: MedStar Washington Hospital Center
Contact: jason.h.chen@medstar.net

Poster 158: Outpatient Management of Low-risk Acute Deep Venous Thrombosis Patients
Summary: The goal of our research was to reduce the number of admissions and observations of low-risk patients with acute deep venous thrombosis (DVT).
Authors: Shannon L. Emerick, Rebecca Kaufman, Whitney Sherman, Jeffrey Dubin
Entity: MedStar Georgetown University Hospital; Washington Hospital Center
Contact: shannonlady@gmail.com

Poster 159: No Difference in Duration of Mechanical Ventilation, PaO2/FiO2 ratio, or Oxygenation Index in Pediatric Small Bowel or Liver Transplantation Patients Initially Ventilated with Physiologic Tidal Volumes Compared to Tidal Volumes >8 mL/kg IBW
Summary: Initial selection of tidal volume >8 mL/kg ideal body weight did not result in significant differences in duration of mechanical ventilation, PaO2/FiO2 ratio, or oxygenation index in pediatric small bowel or liver transplantation patients.
Authors: Christina McClure, James Phillips, Santa Johnston
Entity: MedStar Health
Contact: christina.mcclure@gmail.com
Poster 163: Interoperability and EHR: An Analysis of Patient Safety Incident Reports Associated with Electronic Health Record Interoperability
Summary: The objective of this submission was to identify and analyze patient safety event reports related to EHR interoperability issues with other health information technology.
Authors: Katharine T. Adams, Jessica L. Howe, Allan Fong, Josh Puthumana, Kathryn M. Kellogg, Michael Gaunt, Raj M. Ratwani
Entity: MedStar Health National Center for Human Factors in Healthcare
Contact: katie.adams@medicalhfe.org

Poster 164: Analysis of Look-alike/Sound-alike Medication Errors Involving Opioid Analgesics
Summary: We evaluate Look-Alike/Sound-Alike medication errors involving opioid analgesics.
Authors: Maryann E. Amirshahi, Katrina Smith, Erica Savage, Allan Fong, Zach Hettinger
Entity: MedStar Washington Hospital Center
Contact: maryannmazer@gmail.com

Poster 165: Payments to Pediatricians in the Sunshine Act
Summary: Forty percent of U.S. pediatricians received payments from pharmaceutical and product industry in 2014, with significant diversity in payments among specialty providers. Differences may be mediated by varying exposures to industry.
Authors: Dominique J. Bandari, Jathin Bandari, Danielle N. Browning, Bruce L. Jacobs, Benjamin J. Davies
Entity: MedStar Georgetown University Hospital
Contact: dominique.bandari@gmail.com

Poster 166: Assessment of the Impact of Medication History Technicians on Admission Medication Reconciliation Workflow in a Community-based Hospital: A Descriptive Quality Assurance/Medication Safety Study
Summary: This is a descriptive quality assurance/medication safety study which evaluates the impact of medication history technicians on admission medication reconciliation workflow in a community-based hospital.
Authors: Gina L. Bazemore, Emanuel Kokotakis, Denise Kingsbury, Patrick Grove, Frederick Finelli, William Litton, Cynthia Pineda
Entity: MedStar Montgomery Medical Center
Contact: gbazemor@medstarmontgomery.org

Poster 167: Identifying Needs for Improved Communication with Limited English Proficiency Patients in the Emergency Department
Summary: This analysis systematically identifies support objectives for communication with limited English-proficient patients and offers potential solutions for improvement.
Author: Natalie C. Benda
Entity: MedStar Institute for Innovation
Contact: nat.benda@medicalhfe.org

Poster 168: Are Emergency Clinicians Comfortable Independently Interpreting Radiographs?
Summary: We sought to describe emergency clinician comfort level interpreting radiographs independently. We hypothesized that clinicians would be very comfortable interpreting chest radiographs and least comfortable interpreting pediatric films.
Authors: Joelle Borhart, Elizabeth Pontius, Kathryn Burroughs, Chris Wilbert, Daniel Dabbah
Entity: Georgetown University
Contact: joelle.borhart@gmail.com

Poster 169: The Evolution of Telehealth Activities Across MedStar Health: 2012 to 2017
Summary: This poster will describe the evolution of MedStar Health telehealth activities by presenting preliminary findings, discussing clinical and operational challenges, and suggesting recommendations for the expansion of telehealth-enabled care delivery.
Authors: David Brennan, Leatt Gilboa, Josh Singer
Entity: MedStar Institute for Innovation
Contact: david.m.brennan@medstar.net
Poster 170: Active Learning Techniques in Sports Medicine Continuing Education: A Mixed Methods Study
Summary: Effectiveness and feasibility of active learning techniques in sports medicine continuing education courses.
Authors: Carissa K. Colangelo, Justin B. Cooper, Sarah Henrickson Parker, Carissa Colangelo, Stephen Fernandez
Entity: MedStar National Rehabilitation Network
Contact: carissa.k.colangelo@medstar.net

Poster 171: Fall Prevention and Nursing Staff Engagement for Sustainability
Summary: Fall prevention in those 65 or older, continues to be a ubiquitous topic in acute care settings. Recent BSN-RN graduates participated in a Falls EBP study project during a new nurse graduate residency program at a community hospital.
Authors: Rachel Reed, Debra Dillon
Entity: MedStar Montgomery Medical Center
Contact: ddillon@medstarmontgomery.org

Poster 172: Walk a Mile Program: A Pilot Program To Clarify Role Definition
Summary: Obstacles to collaboration among nurses and physicians are rooted in role confusion, and lead to medical errors. This study works to evaluate the impact of a combined program for medical students and new to practice nurses in clarifying role definition.
Authors: Shimae Fitzgibbons, Eileen Moore, Kristine Edson
Entity: MedStar Georgetown University Hospital
Contact: kristine.a.edson@gunet.georgetown.edu

Poster 173: The Impact of the Global Budget Revenue Program on Emergency Department Hospitalizations
Summary: This retrospective cross-sectional analysis examines the impact of recent payment reform in Maryland with the global budget revenue program (GBR) on ED hospitalizations and determines the predictors of ED hospitalization under the GBR model.
Authors: Jessica E. Galarraga, Jesse M. Pines
Entity: MedStar Washington Hospital Center
Contact: jessica.e.galarraga@gmail.com

Poster 174: Implementation of an EHR Prompt Reveals Low Adherence To Hcv Testing Recommendations
Summary: A Birth Cohort specific EHR prompt was activated across MSH to identify system-wide gaps in adherence to federal hepatitis C virus screening recommendations.
Authors: Alexander Geboy, Whitney Nichols, Chinyere Ukaegbu, Stephen Fernandez, Peter Basch, Dawn Fishbein
Entity: MedStar Health Research Institute
Contact: Alexander.G.Geboy@medstar.net

Poster 175: Telegold: A Telehealth Approach To Emergency Medicine Intake
Summary: MEP and MI2 developed an innovative program that gives an intake physician virtual access to triage rooms through video-conferencing. This lets the physician access patients at multiple EDs at once, improving throughput, patient satisfaction and safety.
Authors: Ethan Booker, Leatt Gilboa
Entity: MedStar Institute for Innovation
Contact: leatt.m.gilboa@medstar.net

Poster 176: Palliative Care Knowledge, Attitudes and Skills of Rapid Response Providers
Summary: At MedStar Washington Hospital Center, rapid response providers commonly use palliative care skills in rapid response events but tend to express inadequate preparation to do so. Opportunities exist for palliative support in rapid response events.
Authors: Hunter Groninger, Clint Pettit
Entity: MedStar Washington Hospital Center
Contact: hunter.groninger@medstar.net

Poster 177: Development of a Standardized Safety Event Review Tool
Summary: A tool was developed in collaboration with the MedStar Health Safety and MedStar Health National Center for Human Factors in Healthcare to standardize the event review process across MedStar. This tool aims to facilitate effective event reviews for all reviewers.
Authors: Daniel J. Hoffman, Grace Tran, Crystal Morales
Entity: MedStar Institute for Innovation
Contact: daniel.hoffman@medicalhfe.org
Poster 178: Simulated Motivations: Understanding Influences on Medical Residents and Attendings Decision Making To Participate in Human Factors Research Studies
Summary: This study aimed to understand the facilitators and barriers to recruitment for a large obstetrical simulation study (OBSIM) so that researchers can better understand, inform and develop effective recruitment strategies.
Authors: Daniel J. Hoffman, Natalie C. Benda, Tamika Auguste, Rollin J. Fairbanks
Entity: MedStar Institute for Innovation
Contact: daniel.hoffman@medicalhfe.org

Poster 179: An Evaluation of the Association Between Morse Fall Score and Medication Risk Score
Summary: At MedStar Georgetown University Hospital, a patient’s fall risk is assessed by the Morse Fall Score (MFS). This scoring system does not account for specific medications which are known to be a contributing factor to falls.
Authors: Amy L. Ives, Hanan Foley, Eshetu Tefera
Entity: MedStar Georgetown University Hospital
Contact: aives@rx.umaryland.edu

Poster 180: Sentiment Analysis does not Match Overall Medical Student Assessment Scores
Summary: In this study, we used Microsoft Cognitive Services Sentiment Analysis to assess the correlation between the free text of medical student evaluations in the emergency department and the overall numeric grade.
Authors: Joseph A. Izzo, Kevin Maloy
Entity: MedStar Health
Contact: josephaizzo@gmail.com

Poster 181: A Randomized Controlled Trial of Immersive Online Simulations to Teach Patient-centered Interviewing Skills to Medical Students
Summary: Medical education research focused on the development and evaluation of immersive online interviewing simulations.
Authors: Stacey Kaltman, Nicholas Talisman, Susan Pennestri, Yianna Vovides, Eleri Syverson, Paige Arthur
Entity: Georgetown University Medical Center
Contact: sk279@georgetown.edu

Poster 182: Rapid Expansion of Palliative Care in an Academic Health System
Summary: Data highlighting the outcomes associated with PC integration throughout MedStar Health.
Authors: Christopher D. Kearney, Kathryn A. Walker
Entity: MedStar Health
Contact: kwalker@rx.umaryland.edu

Poster 183: Language of Prognostication in Clinical Documentation
Summary: We wanted to determine how clinical providers interpret and employ specific words associated with prognosis.
Authors: Anne Kelemen, Grace Kearney, Michael Pottash, Hunter Groninger
Entity: MedStar Washington Hospital Center
Contact: anne.m.kelemen@medstar.net

Poster 184: Understanding Interruptions in Health Care Using Patient Safety Event Data
Summary: This study evaluated patient safety event reports that mentioned interruptions in order to characterize the staff and events being interrupted as well as the impact on patient care.
Authors: Kathryn M. Kellogg, Joseph S. Puthumana, Raj M. Ratwani
Entity: MedStar Institute for Innovation
Contact: kate.kellogg@medicalhfe.org

Poster 185: Preliminary Findings from Implementation of a Regional Coordinated Stroke Telemedicine Program within MedStar Health
Summary: As one of MedStar Health’s early telemedicine initiatives, this program is helping to explore and validate Teleconsultations as a means to improve access across the system.
Authors: Sarah Krissoff, Amie Hsia, David Brennan
Entity: MedStar Institute for Innovation
Contact: sarah.m.krissoff@medstar.net
Poster 186: Predictive Analytics for Data-based Multimedia Technologies in Health Care
Summary: Healthcare education needs to blend learning across physical and virtual worlds. Yet, the current learning paradigm still relies predominantly on the apprenticeship model, establishing competency based on the number of performed procedures.
Author: Alexander Libin
Entity: District of Columbia Veterans Affairs Medical Center; MedStar Health Research Institute; Georgetown University Medical Center
Contact: aviklibin@gmail.com

Poster 187: The Impact of the 2013 American College of Cardiology/American Heart Association Cholesterol Guidelines on the Prescription of Statins in Patients with ASCVD in the Outpatients Settings of a Large Health Care System
Summary: This is a retrospective EMR-based study designed to examine provider compliance with newly published statin guidelines for patients with ASCVD.
Authors: Mihiyre Mete, Alexander Zeymo, Fernandez Stephen, Nawar Shara, Viana Azizi, Hector M. Garcia Garcia
Entity: MedStar Health Research Institute
Contact: mihiyre.mete@medstar.net

Poster 188: Effect of Direct Acting Antiviral Hepatitis C Drugs on Fibrosis Stage Over Time Using Apri and FIB-4 Scores
Summary: Few studies have evaluated possible regression of liver cirrhosis after cure of chronic hepatitis C. This study examines direct acting antiviral effects on changes in liver cirrhosis using non-invasive tests, FIB-4 and APRI.
Authors: Whitney L. Nichols, Alexander G. Geboy, Sameer Desale, Idene E. Perez, Ilan Fleisher, Chinyere Ukaegbu, Amanda Smart, Dawn A. Fishbein
Entity: MedStar Health Research Institute
Contact: whitney.l.nichols@medstar.net

Poster 189: A Pilot Patient Safety Simulation Station for Physical Medicine and Rehabilitation Residents: A Case Report
Summary: This is a case report on use of a mock patient safety simulation station, focused on common safety issues encountered in an acute inpatient rehabilitation setting, as a formative tool to teach PM&R residents on effective patient safety event reporting.
Author: Cynthia G. Pineda
Entity: MedStar Health
Contact: Cynthia.G.Pineda@MedStar.net

Poster 190: Pain Relief More Than Just a Pill: A Novel Interprofessional Continuing Education Activity on Pain Assessment and Management
Summary: This is a descriptive report of a novel interprofessional continuing education activity on pain assessment and management highlighting patient engagement, teamwork and collaborative practice in a community-based hospital.
Authors: Cynthia G. Pineda, Debbie L. Dillon
Entity: MedStar Montgomery Medical Center
Contact: Cynthia.G.Pineda@MedStar.net

Poster 191: Knowledge, Attitudes and Perceived Educational Needs in Palliative Care of Trainees and Advanced Practice Clinicians
Summary: We aim to determine the knowledge, attitudes and perceived educational needs of physician trainees and advanced practice clinicians.
Authors: Michael Pottash, Hunter Groninger
Entity: MedStar Washington Hospital Center
Contact: michael.pottash@medstar.net

Poster 192: Why So Serious: A Systematic Review of Serious Games in Medical Team Training
Summary: This study reviews five core features of serious games and their application to medical team training. The findings of this paper will help guide the development of future serious games and simulators to effectively and cost-efficiently improve teamwork.
Authors: Joseph S. Puthumana, Jessica Howe, Daniel Hoffman, Peter Weyrauch, Jamies Niehaus, Benjamin Bauchwitz, Raj Ratwani
Entity: MedStar Institute for Innovation
Contact: josh.puthumana@medicalhfe.org
Poster 193: Human Factors Analysis of Look-alike/Sound-alike Medication Errors
Summary: A human factors team is analyzing the frequency and contributing factors involved in Look-Alike/Sound-Alike (LA/SA) medication errors within an academic healthcare system.
Authors: Katrina Smith, Aaron Z. Hettinger, Allan Fong, Maryann Amirshahi, Grace Tran, Erica Savage
Entity: MedStar Health
Contact: katrina.h.smith@medstar.net

Poster 194: Using Lean Six Sigma Methodology To Improve the Value of Post-stroke Acute Care Rehabilitation Services
Summary: This was a quality improvement project which addressed inconsistent physical and occupational therapy treatment provided to patients post acute stroke in the acute care setting.
Authors: Linda Taylor, Alicia Keefe, Elizabeth Ruckert
Entity: MedStar National Rehabilitation Network
Contact: linda.taylor@medstar.net

Poster 195: Differences in Reported Harmful Patient Safety Events in Vulnerable Populations
Summary: The purpose of this study was to determine if differences in reported harmful patient safety events in MedStar Health’s Patient Safety Event Management System exist among vulnerable populations.
Authors: Angela D. Thomas, Ricardo Jones, Seth Krevat
Entity: MedStar Health Research Institute
Contact: angela.d.thomas@medstar.net

Poster 196: Implementing Coordinated Care Procedures for Chronic Opioid Therapy
Summary: Comparison of primary care sites implementing CDC opioid guidelines in a formal manner versus standard care.
Authors: Kathryn A. Walker, Christopher D. Kearney, Stephanie Blease, Leigh Cervino, Sarah Shoemaker, Leigh Mathias, Doug MacDonald
Entity: MedStar Health
Contact: kathryn.walker@medstar.net

Poster 197: Palliative Telehealth Connecting Hospital To Home (PATCH2) Program: The Creation of a Virtual Palliative Care Clinic
Summary: This project represents 18 months of pilot data used to create a hospital based palliative telehealth program for heart failure patients.
Authors: Kathryn A. Walker, Hunter Groninger, Nicole Graham, Christopher Kearney, George Ruiz, David Brennan
Entity: MedStar Health
Contact: kathryn.walker@medstar.net

Poster 198: Strategies To Increase Efficiency in an Outpatient Congestive Heart Failure Clinic
Summary: The purpose of this study was to discover and implement strategies designed to reduce the throughput time of congestive heart failure (CHF) patients at the Good Health Clinic at MedStar Good Samaritan Hospital.
Author: David S. Weisman
Entity: MedStar Good Samaritan Hospital
Contact: david.s.weisman@medstar.net

Poster 199: Prospective Observation of Peripheral Intravenous Access in an Urban Emergency Department
Summary: Evaluation of mean time to successful IV placement and of success rates among obese patients, patients with a history of IVDA and patients who required ultrasound guided IV placement.
Authors: Matthew Wilson, Aleeza Abassi, Katie Voss, Terry Moriarty, Dee Taylor, Carolyn Phillips, Munish Goyal
Entity: MedStar Washington Hospital Center
Contact: mdwilson06@gmail.com

Poster 200: The Impact of a Novel Simulation-based Central Line Training Program on Complication Rates
Summary: The aim of this study was to assess the impact of a simulation-based central line training program initiated at MedStar Georgetown University Hospital on resident complication rates.
Authors: Zachary Winchester, Jared Katz, Jake Bell, Anagha Kumar, Munish Goyal, Shimae Fitzgibbons
Entity: Georgetown University
Contact: zbw5@georgetown.edu
Poster 201: Efficacy of the Center for Successful Aging (CSA) Model on Care Paired with the MITRE Intervention Engine of Predicting Care Coordination Needs for Geriatric Patients

Summary: MedStar’s Center for Successful Aging along with MITRE are pioneering a new infrastructure to facility geriatricians and care managers to easily access human-readable patient information to efficiently assess care needs and coordinate care strategies.

Authors: Alexander Zeymo, George Hennawi, Nawar Shara

Entity: MedStar Health Research Institute

Contact: alexander.zeymo@medstar.net

Poster 202: BrainForce™: Implementing a Cross-Entity Device Study at MedStar Health

Summary: The analysis creates insights around processes, challenges and strategies, and provides recommendations for successful implementation of a device research study that spans multiple facilities in varying geographic locations.

Authors: Leatt M. Gilboa, Stephen Kinsey, Kathaleen P. Brady, Kezia Alexander, Katherine Larson, Alexander W. Dromerick

Entity: MedStar Institute for Innovation

Contact: leatt.m.gilboa@medstar.net

Poster 203: A Pragmatic Initiation of an Enhanced Recovery Protocol in Colorectal Surgery

Summary: An evaluation of the initiation of an enhanced recovery protocol in colorectal surgery.

Authors: Yewande Alimi, Abdullah Karabala, Sarah Murad, Mohammed Bayasi

Entity: MedStar Georgetown University Hospital

Contact: yewandealimi@gmail.com

Poster 204: Surgical Disparities Manifest in Process Measure Adherence for Enhanced Recovery After Surgery Pathways

Summary: The purpose of this study was to examine the relationship between ERAS pathway implementation and short-term surgical outcomes disparities.

Authors: Yewande Alimi, Ira Leeds, Deborah Hobson, Jonathan Efron, Elizabeth Wick, Elliott Haut, Fabian Johnston

Entity: MedStar Georgetown University Hospital

Contact: yewandealimi@gmail.com

Poster 205: Adherence Rates to Recommended Guidelines for Paracentesis in Cirrhotic Patients at a Tertiary Care Center and Associated Complications

Summary: We look at the adherence of medical practitioners at a tertiary care center in regards to the AASLD guidelines for product infusion (albumin, FFP, platelets) for paracentesis in cirrhotic patients in the attempts to improve the quality of care.

Authors: Michele Barnhill, Alice Lee, Alex Montero

Entity: MedStar Georgetown University Hospital

Contact: michelebarnhill07@gmail.com

Poster 206: IBD Call Center Triage: Improving the Patient Experience

Summary: Quality improvement project targeting the enhancement of the workflow stemming from the IBD call center.

Authors: Tenzin Choden, Anand Nath, Melissa O’Hara, Aimee LeStrange, Tamira Sanni-Sanoussi, Mark C. Mattar

Entity: MedStar Georgetown University Hospital

Contact: tenzin.choden@gmail.com

Poster 207: Sickle Cell Leg Ulcer Healing Affects Quality of Life

Summary: Baseline and post-topical sodium nitrite surveys were conducted to investigate the effects of sickle cell ulcers on HRQL. Sickle cell ulcers impaired HRQL in younger subjects, who also had improved HRQL after topical sodium nitrite use.

Authors: Joseph L. Connor, Matthew Hsieh

Entity: MedStar National Rehabilitation Network

Contact: josephlconnorjr@gmail.com

Poster 208: Outcomes Following Combined Radical Resection and Targeted Biologic Therapy for the Management of Recalcitrant Hidradenitis Suppurativa

Summary: This retrospective cohort-controlled study evaluates the safety and efficacy of targeted biologic therapy as an adjunct to radical resection and delayed primary closure for patients with recalcitrant, Hurley stage three Hidradenitis suppurativa.

Authors: Michael V. DeFazio, James M. Economides, Christopher E. Attinger, Karen K. Evans

Entity: MedStar Georgetown University Hospital

Contact: mvdefazio@gmail.com
**Poster 209: The Efficiency of Rounding in an Inpatient Ward**

**Summary:** Bedside rounds have decreased on teaching services due to physician and system related issues, as well as time constraints. In this study our aim is to determine if there is a measurable difference between the two bedside and staff ward rounds.

**Authors:** Farshid Fargahi, Maimoona Inayat, Ritesh Shrestha, Rhisti Shrestha, Maryam Khan, Randa Ghali, Madeeha Akram, Saad Ali, Bharat Bhandari

**Entity:** MedStar Union Memorial Hospital

**Contact:** flargah1@jhmi.edu

**Poster 210: Multidisciplinary Transport Simulation to Improve Teamwork and Communication Skills**

**Summary:** The neonatal transport team at MedStar Georgetown University Hospital is a multidisciplinary unit based transport team lead by the Neonatology fellows. Through simulation, we work through high-risk and less common scenarios.

**Authors:** Jane Germano, Catherine Brown, Deborah Hoy

**Entity:** MedStar Georgetown University Hospital

**Contact:** jane.germano@gunet.georgetown.edu

**Poster 211: Starting Off on the Right Foot: Leveraging Simulation to Standardize Handoff and Patient Communication Skills for Interns**

**Summary:** A multidisciplinary simulation training was designed to target patient handoffs and effective communication for incoming surgical residents across MedStar Health.

**Authors:** Shabnam Hafiz, Kaitlin Carrato, Shawna Kettyle, Shimae Fitzgibbons

**Entity:** MedStar Washington Hospital Center

**Contact:** shabnam.hafiz@medstar.net

**Poster 212: New Onset of Insomnia in Hospitalized Patients: Incidence, Resolution and Other Characteristics**

**Summary:** Questions still remain about the insomnia acquired acutely during the hospital stay. Our study is to examine the incidence, associated factors and resolution of new onset, self-reported insomnia in patients in the general medical wards.

**Authors:** An Thi Nhat Ho, Bronson Raja, Valentina Baez

**Entity:** MedStar Harbor Hospital

**Contact:** nhatan01@gmail.com

**Poster 213: Teaching Trainees How to Critically Evaluate the Literature: A Crossover Study at Two Pediatric Residency Programs**

**Summary:** A cross-over study testing implementation of a concise resource efficient EBM curriculum for pediatric residents and its efficacy with respect to improving residents understanding of study methodology, biostatistics and result interpretation.

**Authors:** Catherine Ingard, Benjamin Nelson, Eshetu Tefera, David B. Nelson

**Entity:** MedStar Georgetown University Hospital

**Contact:** catherineingard@gmail.com

**Poster 214: Patient Safety and Quality Improvement Via House Staff Quality of Life**

**Summary:** We identified patient safety and quality improvement (QI) issues with potential for resident engagement via an assessment of house staff quality of life and using these as institutional/QI goals.

**Authors:** Megan M. Janni, Sebastian Ochoa, Megan Janni, Jonathan Segal, Ananth Charya, Michael Goldstein, David Swoboda, Alex Montero

**Entity:** MedStar Georgetown University Hospital

**Contact:** megan.m.janni@gunet.georgetown.edu

**Poster 215: Patient Utilization of Quality Improvement Tools Impact Value Added to Health Care**

**Summary:** This study examined the response of patients and residents to a new form that was designed to improve clinic efficiency.

**Authors:** Jocelyn Kim, Kirsten Midgley, Jacqueline Daubert, Patrick Burke

**Entity:** MedStar Washington Hospital Center; Georgetown University

**Contact:** jocelynkim@gmail.com
Poster 216: Decreasing Head CT Rate in Syncope Evaluation
Summary: Personalized provider education on indications for advanced imaging in the emergency department evaluation of syncope successfully reduced the number of unnecessary head CTs.
Authors: Diana Ladkany, Eric Kiechle, Eliese Friedel, Matthew Wilson, Autumn Graham, Jeffrey Dubin
Entity: MedStar Washington Hospital Center; MedStar Georgetown University Hospital
Contact: ladkanyd@gmail.com

Poster 217: Utility of Six Sigma Methodology for Improving Quality and Safety in a High Volume Surgical Service: A Resident Driven Protocol
Summary: Six Sigma methodology was introduced to a large surgical service in order to improve healthcare outcomes and resident burnout. The introduction of this methodology correlated with a reduction in preventable healthcare errors and duty hour violations.
Authors: Chrisovalantis Lakhiani, Elizabeth Moroni, John Steinberg, Karen Evans, Paul Kim, Stephen Baker, Christopher E. Attinger
Entity: MedStar Georgetown University Hospital
Contact: chrisovalantis.lakhiani@gmail.com

Poster 218: Night Shift Ward Rounds: A Practical Way to Decrease Number of Night Shift Pages
Summary: Many non-urgent pages risk indirectly interfering with patient care. We hypothesized that night rounds could help reduce excessive pages from nurses, which was seen in our study. In turn this resulted in better satisfaction by all staff members.
Authors: Diana Malouf, Farshid Fargahi, Louis Saade, Yazaji Eskandar
Entity: MedStar Health
Contact: diana.malouf2@medstar.net

Poster 219: Quantifying Language in Abdomino-pelvic CT Reports Before and After Instituting a Structured Report: The Effect of Templates
Summary: We quantify the language in abdomino-pelvic CT reports before and after implementing structured reporting templates, specifically evaluating the terms “normal” and “unremarkable.”
Authors: Stephany L. Mazur, Stephany Ross, Susan Ascher, Ross Filice, Alexander Somwaru
Entity: MedStar Georgetown University Hospital
Contact: slm235@georgetown.edu

Poster 220: A Single-center Experience with 1,001 Procedures for Lumbar Degenerative Disease: Does the Use of Tubular Retractors Reduce Infection Rate?
Summary: Surgical site infections are a major complication from spinal surgery with a high hospital utilization cost and patient morbidity. Minimally invasive techniques reduce surgical site infections as compared with traditional open techniques.
Authors: Kyle Mueller, David Zhao, Osiris Johnson, Faheem Sandhu, Jean-Marc Voyadzis
Entity: MedStar Georgetown University Hospital
Contact: kyle.mueller85@gmail.com

Poster 221: Resident Physician Transition of Care Clinic to Reduce Hospital Readmissions and Increase Continuity of Care: A Pilot Study
Summary: Resident physicians at the Family Health Center (FHC) at MedStar Franklin Square Medical Center created a transition of care clinic for eligible patients discharged from the Family Medicine Inpatient (FMI) service to increase continuity of care.
Authors: Melanie Powell, Melanie A. Powell, Ypapanti Meris, Joyce King, Claudia Harding
Entity: MedStar Franklin Square Medical Center
Contact: melanie.a.powell@medstar.net

Poster 222: The Impact of Pre-Procedural Patient Assessment with Mallampati Score and ASA Classification on Utilization of Anesthesia and Occurrence of Cardiorespiratory Complications
Summary: Implementation of Mallampati score and ASA classification allows for identification of patients with potential cardiorespiratory complications who could benefit from general anesthesia, as well as reduction in complications during IR procedures.
Authors: Curtis Qin, Cali Lubrant, Alexander Kim, Theresa Caridi
Entity: MedStar Georgetown University Hospital
Contact: curtis.d.qin@gunet.georgetown.edu
Poster 223: Catheter Days Drop When You ask About Them
Summary: A simple intervention that targets continued need for catheters upon transferring patients from ICU may help in decreasing device days and the potential complications associated with extended use of these devices.
Authors: Jasneet Riar, Samir Bhalodia, Travis Hart, Ijaz Anwar, Alex Yazaji, Joseph Nichols, Lyn Camire
Entity: MedStar Union Memorial Hospital
Contact: j.riar87@gmail.com

Poster 224: Prenatal and Postpartum Quality Improvement in a Medicaid Health Plan
Summary: The objective of this project was to identify opportunities for quality improvement in timely prenatal and postpartum care within one Medicaid health plan.
Authors: Max J. Romano, Patryce Toye
Entity: MedStar Franklin Square Medical Center
Contact: max.romano@medstar.net

Poster 225: Predictors of Hospital Readmission in Patients with Cerebrovascular Disease
Summary: A retrospective descriptive analysis of stroke readmissions at MedStar Georgetown University Hospital
Authors: Jerdan Ruff, Melissa Bailey, Tracy Vu Fulton
Entity: MedStar Georgetown University Hospital
Contact: jerdanruff@gmail.com

Poster 226: Identifying Factors Contributing to Prolonged Length of Stay in Post Operative Head and Neck Oncology Patients
Summary: This project is a retrospective chart review with the goal of identifying factors contributing to prolonged length of stay in post-operative head and neck cancer patients.
Authors: Kelly A. Scriven, Caroline Rieger, Bruce Davidson, Michael Reilly, Kelly Dean
Entity: MedStar Health
Contact: kelly.a.scriven@gmail.com

Poster 227: Evaluating the Venous Experience in Vascular Surgery Training
Summary: There is an increasing recognition and treatment of venous disease in the United States. The objective of this study was to examine the current venous surgical training experience of graduating vascular surgical trainees across the United States.
Authors: Michael C. Siah, Steven Abramowitz, Robyn Macsata, John Ricotta, Edward Y. Woo
Entity: MedStar Heart and Vascular Institute
Contact: 1michaelsiah@gmail.com

Poster 228: Post Endoscopic Procedure Satisfaction Scores: Can We Improve?
Summary: This is a quality improvement study looking at patient survey data following endoscopic procedures at MedStar Georgetown University Hospital.
Authors: Joshua M. Steinberg, Ankita Munjal, Samuel Kallus, Afnan Mossaad, Nadim Haddad, Mark C. Mattar
Entity: MedStar Georgetown University Hospital
Contact: markmattar@gmail.com

Poster 229: Increasing Ultrasound Evaluation in Renal Colic
Summary: This is a quality improvement project to increase the number of ultrasound evaluations in repeat kidney stones meeting certain criteria.
Authors: Travis A. Thompson, Tabitha Gargano, Maria Dynin
Entity: MedStar Health
Contact: tathompson14@gmail.com

Poster 230: A Quality Improvement Intervention to Lower Hemoglobin Threshold for Red Blood Cell Transfusion
Summary: Adherence to lower hemoglobin threshold for transfusion has reduced cost, saved resources and has also decreased the occurrence of adverse transfusion-related events.
Authors: Srilakshmi Vallabhaneni, Kavita Jain, Richard B. Williams
Entity: MedStar Harbor Hospital
Contact: srilakshmi.vallabhaneni@medstar.net
Poster 231: Intravitreal Injections in Ophthalmology
Summary: This is a quality improvement project involving a multimedia presentation given to the Ophthalmology residents to review best practices regarding intravitreal injections.
Author: Jacquelyn M. Weber
Entity: MedStar Washington Hospital Center; Georgetown
Contact: jweber03@gmail.com

Poster 232: Chief Complaint: Poisoning
Summary: Retrospective chart review of a psychiatric consultation service over a 14-week period, examining cases of poisoning and their time-to-consultation, level of care and outcomes
Authors: Bryce Wininger, Ted Liao
Entity: MedStar Georgetown University Hospital
Contact: bryce.a.wininger@gunet.georgetown.edu

Poster 233: Effectiveness of Low-cost Educational Intervention on Hepatitis C Virus Screening
Summary: A simple, inexpensive educational intervention significantly increased the rate of screening for HCV in three large community-based resident clinics.
Authors: Katherine Wong, Abdelhai Abdelqader, Maham Farshidpour, Simita Singh, David S. Weisman, Zach Abuwalla
Entity: MedStar Union Memorial Hospital
Contact: katherine.wong@medstar.net

Poster 234: Can Medicaid Expansion Decrease Disparity in Surgical Cancer Care at High-quality Hospitals?
Summary: Our study used pre-Affordable Care Act Medicaid expansion to inform about the effects of ACA's expansion on disparity in access to cancer surgery at high-quality hospitals by insurance type and by race.
Authors: David Xiao, Chaoyi Zheng, Manila Jindal, Lynt B. Johnson, Thomas DeLeire, Nawar Shara, Waddah B. Al-Refaie
Entity: MedStar Georgetown-Surgical Outcome Research Center
Contact: dx12@georgetown.edu

Poster 235: Understanding Our Patients: Evaluating Patient Demographics at the Washington National Eye Center
Summary: Our study focuses on understanding the patient demographics in the resident-driven Glaucoma Clinic at Washington National Eye Center to better guide our educational efforts and resources to the needs of our patients.
Authors: Bilal Yousfzai, Wendy Gasch, Rosan Choi
Entity: MedStar Washington Hospital Center
Contact: bkyousufzai@gmail.com

Case Reports
Poster 236: Who Makes the Decision? Assisting Clinicians when Advanced Directives Conflict with Surrogate Decision Makers
Authors: Sarah A. Kleinfeld, Mary Colleen O'Rourke
Entity: MedStar Georgetown University Hospital
Contact: sarah.a.kleinfeld@gunet.georgetown.edu
**Poster 237: Follow the Blue Feet: Nurse Implemented Post-operative MOBILITY Program**

**Summary:** This evidence-based project was to establish the effectiveness of a nurse lead post operative mobility program. The findings resulted in positive patient mobility, understanding and documentation.

**Authors:** Kathryn E. Curtin, Elizabeth S. Walters, Melissa M. McLawhorn, Katherine A. Lee, Jeffery W. Shupp

**Entity:** MedStar Washington Hospital Center

**Contact:** Kathryn.T.Curtin@medstar.net

**Poster 238: Nurse-physician Collaborative Bedside Rounding Impact on Collaboration, Patient Satisfaction and Length of Stay**

**Summary:** Nurse and physician perceptions of collaboration changed following implementation of collaborative bedside rounding.

**Authors:** Patricia R. McCartney, Kristina E. Mobley, Lauren M. Decker

**Entity:** MedStar Washington Hospital Center

**Contact:** patricia.r.mccartney@medstar.net

**Poster 239: Silicone Border Foam Dressings To Enhance Prevention of Sacral Pressure Ulcers in Critical Care and Cardiovascular Surgical Patients**

**Summary:** Prophylactic application of sacral silicone border foam dressings on intact skin can be effective in preventing hospital acquired pressure ulcers.

**Author:** Patricia R. McCartney

**Entity:** MedStar Washington Hospital Center

**Contact:** Patricia.R.Mccartney@medstar.net

**Poster 240: Implementing Touch-free Hand Sanitizer Dispensers Increases Hand Hygiene Compliance**

**Summary:** This research compares hand hygiene compliance with a manual dispenser to compliance with a touch-free dispenser and change of product over a six-year time frame with >27,000 hand hygiene observations.

**Authors:** Shawn Mueller, Bria Graham-Glover, Wayne Campbell

**Entity:** MedStar Union Memorial Hospital

**Contact:** shawn.l.mueller@medstar.net

**Poster 241: Using the Iowa Model To Sustain Practice Changes in a Community Hospital**

**Summary:** This presentation highlights how the Iowa Model of Evidence-Based Practice was used in a community hospital to sustain nursing practice changes associated with adoption of thirteen systemwide evidence-based clinical practice guidelines.

**Authors:** Nancy Pregnar, Debra L. Dillon

**Entity:** MedStar Montgomery Medical Center

**Contact:** npregnar@medstarmontgomery.org

**Poster 242: Breaking the Silence: Empowering Nurses to Initiate End of Life Discussions**

**Summary:** Literature review examining perceived level of comfort initiating end of life (EOL) discussions in RNs who have received standardized EOL training versus RNs with ad hoc training.

**Authors:** Brooke N. Price, Kelsey Cummings

**Entity:** MedStar Georgetown University Hospital

**Contact:** brookenprice@aol.com
Poster 243: Cervical Immaturity and HIV Susceptibility Among Female Adolescents
Summary: It is feasible to evaluate the genital innate immunity in adolescent both sexually active and non-sexually active girls. The genital immune milieu in adolescent girls is distinct with higher baseline levels of inflammatory markers compared to adult women.
Authors: Veronica Gomez-Lobo, Mimi Ghosh, Roshni Biswas, Jason Jarin, Mariel Jais, Jason Daniels, Monika Juzumaite, Christopher Joy, Vanessa Emmanuel
Entity: MedStar Washington Hospital Center
Contact: veronica.gomez-lobo@medstar.net

Poster 244: Effect of the Baby Friendly Initiative on Radiant Warmer Use for Hypothermia in a Community Teaching Hospital
Summary: MedStar Franklin Square Medical Center successfully implemented the Baby Friendly Initiative (BFI) which lead to a reduction in radiant warmer use for hypothermia even after controlling for initial temperature and other potential confounding variables.
Authors: Scott D. Krugman, Jessica Nooralian
Entity: MedStar Franklin Square Medical Center
Contact: scott.krugman@medstar.net

Poster 245: A Prototype High Frequency Nasal Cannula Device Delivers Higher and More Consistent Airway Pressure and Tidal Volume Compared To Regular High Flow Nasal Cannula
Summary: Using new prototype High Frequency Nasal Cannula (HIFI-NC) device we compared airway pressures (AP) and tidal volumes (TV) with High Flow Nasal Cannula (HFNC) using the ASL 5000 lung simulator. HIFI-NC delivered higher AP and TV compared to HFNC.
Authors: Morarji Peesay, Kabir Abubakar, Eric Kriner
Entity: MedStar Georgetown University Hospital
Contact: morarji.r.peesay@gunet.georgetown.edu

Poster 246: Airway Pressure and Tidal Volume Delivered By a Prototype High Frequency Nasal Cannula Device Compared To Bubble CPAP
Summary: Using new prototype High Frequency Nasal Cannula (HIFI-NC) device we compared airway pressures and tidal volumes with bubble-CPAP (B-CPAP) using the ASL 5000 lung simulator. HIFI-NC was able to deliver tidal volumes significantly higher than BCPAP.
Authors: Morarji Peesay, Kabir Abubakar, Eric Kriner
Entity: MedStar Georgetown University Hospital
Contact: morarji.r.peesay@gunet.georgetown.edu

Poster 247: Maternal Pregnancy Outcomes of Women Living with HIV
Summary: Preliminary results of a retrospective matched cohort study of from 2004 to 2014.
Authors: Rachel K. Scott, Erin Higgins, Meghan Davis, Huda Al-Kouatly
Entity: MedStar Health Research Institute
Contact: rachel.k.scott@medstar.net

Poster 248: Neonatal Outcomes of Pregnancies Complicated By HIV
Summary: Preliminary results of a retrospective matched cohort study from 2004 to 2014.
Authors: Rachel K. Scott, Claire Moore, John Davitt, Huda Al-Kouatly
Entity: MedStar Health Research Institute
Contact: rachel.k.scott@medstar.net
Poster 249: Differences in Prenatal Aneuploidy Screening in African American Women with Hemoglobin S, C or Beta Thalassemia
Summary: We aimed to determine if there was a difference in maternal serum screening results for women with Hb S, C or thalassemia. The overall false positive aneuploidy screening rate in patients with a hemoglobinopathy was not higher than in matched controls.
Authors: April Adams, Rachael Overcash
Entity: MedStar Washington Hospital Center
Contact: april.d.adams@medstar.net

Poster 250: Analysis of Point-of-care versus Central Laboratory Testing of Electrolytes and Hemoglobin in Neonates
Summary: Point of care testing is routinely used due to its ease of use, rapid results, and small blood volume requirements. This study aims to determine reliability of electrolytes and hemoglobin measurement by bedside POC testing in the NICU.
Authors: Ha-young Choi, Kabir Abubakar, Eshetu Tefera
Entity: MedStar Georgetown University Hospital
Contact: hxc32@gunet.georgetown.edu

Poster 251: Antibiotic Stewardship in the Era of Declining CLABSI
Summary: Coagulase-negative staphylococci (CONS) have been the leading cause of late onset sepsis (LOS) in the Neonatal Intensive Care Unit (NICU). As rates of CONS catheter related bloodstream infections decline, has the epidemiology of LOS changed.
Authors: Caitlin Drumm, Javedan Siddiqui, Jayashree Ramasethu, Sameer Desale
Entity: MedStar Georgetown University Hospital
Contact: caitlin.drumm@gmail.com

Poster 252: Predicting Vaginal Delivery in Nulliparous Women Undergoing Induction of Labor at Term
Summary: We identified independent factors that can be used to predict vaginal delivery among nulliparous women who underwent induction of labor at term. A predictive model was developed into web application to calculate the likelihood of vaginal delivery.
Authors: Tetsuya Kawakita, Uma M. Reddy, Chun-Chih Huang, Tamika Auguste, David Bauer, Rachael Overcash
Entity: MedStar Washington Hospital Center
Contact: tetsuya.x.kawakita@medstar.net

Poster 253: The Family Planning Needs of Young Transgender Men
Summary: Investigating the practices and fertility desires among transgender adolescents, so that healthcare providers can offer comprehensive and targeted information to the meet the reproductive needs of these individuals.
Authors: Alexis Light, Lin-Fan Wang, Veronica Gomez-Lobo
Entity: MedStar Health
Contact: alexislight@gmail.com

Poster 254: Urine Congophilia in Gravidae with Diabetes and Clinically Diagnosed Preeclampsia
Summary: Urine congo red retention is not increased in diabetic gravidae without preeclampsia and urine congo red retention over 15 percent correctly identifies women with preeclampsia and adverse pregnancy outcome.
Authors: Laura I. Parikh, Sara N. Iqbal, Sameer Desale, Irina A. Buhimschi, Jason G. Umans
Entity: MedStar Washington Hospital Center
Contact: lauraparikh@gmail.com

Poster 255: Frequency and Patient Characteristics of Venous Thromboembolism in Adolescent Females
Summary: Venous thromboembolisms (VTEs) in pediatric patients are thought to be a rare occurrence; however clinicians have been appreciating an increase in the number of cases. This clinical perception is supported by data from 2001 to 2007.
Author: Vrunda Patel
Entity: MedStar Washington Hospital Center
Contact: vrunda.patel@medstar.net
Poster 256: Continuation of Long-acting Reversible Contraceptives Among Medicaid Patients
Summary: Survival analysis comparing continuation of subdermal etonogestrel implants and intrauterine devices based on a retrospective claims analysis among members of a Medicaid health plan.
Authors: Max J. Romano, Loral Patchen, Patryce Toye
Entity: MedStar Franklin Square Medical Center
Contact: max.romano@medstar.net

Poster 257: The Power of Healing Statements in Postoperative Pain Control: A Randomized Controlled Trial
Summary: Randomized control trial of gynecologic surgery patients found no differences in postoperative pain, pain medication use and secondary outcomes for recipients of perioperative therapeutic suggestion.
Authors: Nemi Shah, Leslie A. Andriani, Jessica L. Howard, Lindsey L. Mahoney, Ladin A. Yurteri-Kaplan, Eshetu A. Tefera, Cheryl B. Iglesia
Entity: MedStar Washington Hospital Center
Contact: nemi.m.shah@gmail.com

Poster 258: Efficacy of Repeat Mid-urethral Sling for Persistent or Recurrent Stress Urinary Incontinence: A Fellows Pelvic Research Network Study
Summary: Retrospective review with prospective follow-up looking at efficacy of repeat midurethral sling for recurrent or persistent stress urinary incontinence.
Authors: Katelyn Smithling, Robert Gutman
Entity: MedStar Washington Hospital Center
Contact: katelyn.smithling@gmail.com

Poster 259: Survival Differences for Clear Cell Uterine and Ovarian Carcinoma
Summary: Clear-cell ovarian carcinomas compose 10% of epithelial ovarian carcinomas and clear-cell uterine carcinomas compose 10 to 20 percent of uterine carcinomas. We propose to determine the survival differences of clear cell ovarian and uterine carcinomas.
Authors: Irina U. Tunnage, John Chan
Entity: MedStar Washington Hospital Center; MedStar Georgetown University Hospital
Contact: irina.tunnage@gmail.com

Poster 260: Decreasing the Cesarean Birth Rate in a High-volume Community Teaching Hospital
Summary: A decrease in the overall cesarean rate was observed since Obstetric Care Consensus guidelines were implemented at Virginia Hospital Center. The decrease in NTSV cesareans is likely a large contributor to the overall lower cesarean birth rate.
Authors: Tiffany L. Wang, Tetsuya Kawakita, Andrea Curtin, Miguel Fernandez, Michael Moxley
Entity: MedStar Washington Hospital Center; MedStar Georgetown University Hospital
Contact: tiffany.com

Poster 261: Evaluation of Clinical Simulation Curriculum to Improve Resident Performance During Maternal Code Simulation
Summary: A retrospective cohort study to evaluate a simulation-based acute care curriculum in an obstetrics and gynecology residency program using an unannounced maternal code blue scenario.
Authors: Shawn E. Zimbrunes, Vi Duong, Tamika C. Auguste
Entity: MedStar Washington Hospital Center
Contact: szimbrunes@gmail.com

Case Reports
Poster 262: Parvovirus B19 Infection Presenting as a Child Refusing to Walk
Authors: Rami Eltaraboulsi, Erin Farrish
Entity: MedStar Georgetown University Hospital
Contact: eltarabo@gmail.com

Poster 263: Mid-Esophageal Diverticulum and the Need of Earlier Diagnosis
Author: Simranjeet S. Fatrha
Entity: MedStar Health
Contact: simranfatrah@gmail.com
**Poster 264: HCC with Large Arterioportal Shunt: Does MRI Underestimate Tumor Burden versus Cone Beam CT?**

**Summary:** To determine if cone beam CT (CBCT) during TACE demonstrates a greater extent of disease burden than preprocedure MRI for HCC when significant arterioportal shunts (sAPS) are present.

**Authors:** Marco Ertreo, Theresa M. Caridi, Reena Jha, Alexander Y. Kim

**Entity:** MedStar Georgetown University Hospital

**Contact:** marco.ertreo@gmail.com

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**Poster 265: Long-Term Outcomes of Surefire Infusion System for DEB-TACE for HCC**

**Summary:** To evaluate intermediate and long-term outcomes of the Surefire Infusion System (SIS) for delivery of DEB-TACE in treatment of HCC.

**Authors:** Marco Ertreo, Theresa M. Caridi, Donna C. Buckley, George E. Lynskey, Alexander Y. Kim

**Entity:** MedStar Georgetown University Hospital

**Contact:** marco.ertreo@gmail.com

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**Poster 266: Innovative Clinical Programming At MedStar Montgomery Medical Center: Integrative Medicine for Oncology Patients**

**Summary:** MedStar Montgomery Medical Center, with support from MedStar Institute of Innovation, opened the Center for Integrative Medicine, an innovative program with on-site services: acupuncture, mindfulness/psychology, massage, reiki and nutrition. We examine oncology patient utilization of the CIM since its opening.

**Authors:** Asma Dilawari, Emily Ratner, Leatt M. Gilboa

**Entity:** MedStar Institute for Innovation

**Contact:** leatt.m.gilboa@medstar.net

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**Poster 267: Primary Analysis of BERENICE: A Phase Two Cardiac Safety Study of Pertuzumab, Trastuzumab, and Neoadjuvant Anthracycline-based CT in Patients with Locally Advanced, Inflammatory or Early-stage, Unilateral, and Invasive HER2+ Breast Cancer**

**Summary:** We report cardiac and overall safety as well as total pCR (tpCR) rates with widely used, but understudied anthracycline-containing regimens.

**Authors:** Sandra M. Swain, Michael S. Ewer, Giuseppe Viale, Suzette Delaloge, Jean Marc Ferrero, Mark Verril, Ramon Colomer, Cláudia Vieira, Theresa L. Wener, Hannah Douthwaite, Denise Bradley, Maeve Waldron-Lynch, Jennifer Eng-Wong, Chau Dang

**Entity:** Georgetown University Medical Center

**Contact:** sandra.swain@georgetown.edu

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**Poster 268: DA-EPOCH-R for Post-transplant Lymphoproliferative Disorders (PTLD)**

**Summary:** This is a small series of our experience using a continuous fashion chemotherapy regimen for the treatment of post-transplant lymphoproliferative disorders. We describe our rationale for this approach, patient demographics, outcomes and toxicities.

**Authors:** Christin DeStefano, Hind Rafei, Vera Malkovska, Aarthi Shenoy, Kelly Fitzpatrick, Anita Aggarwal, Joseph Catlett

**Entity:** MedStar Washington Hospital Center

**Contact:** christin.b.destefano@medstar.net

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**Poster 269: Clinical Risk Factor Modeling for Late Coronary Artery Disease: An NHLBI Allogeneic Stem Cell Transplant Survivorship Cohort Study**

**Summary:** To assess clinical risk of premature cardiovascular disease in HCT survivors, we created the first allo-HCT specific clinical risk stratification model as an alternative to Framingham risk score.

**Author:** Kimberley Doucette

**Entity:** MedStar Washington Hospital Center

**Contact:** kimberley.doucette@medstar.net
Poster 270: Pre-Clinical Analysis of the Cdk4/6 Inhibitor Palbociclib in Her2-Positive Breast Cancer
Summary: Palbociclib has an inhibitory effect in resistant and non-resistant HER2-positive cell lines suggesting palbociclib represents an alternate targeting pathway for growth inhibition.
Authors: Bilal ElChaarani, Hillary Stires, Paula R. Pohlmann, Rebecca Riggins
Entity: Georgetown University; MedStar Washington Hospital Center
Contact: bilal.elchaarani@medstar.net

Poster 271: Relapsing Thrombotic Thrombocytopenic Purpura: A Single Center Experience
Summary: Effective management of relapsing TTP is unclear. We reviewed cases of relapsing TTP at our institution to identify patterns of improved outcomes possibly related to different treatment strategies.
Authors: Arielle L. Heeke, Craig Kessler, Catherine Broome
Entity: Georgetown University School of Medicine
Contact: Arielle.L.Heeke@gunet.georgetown.edu

Poster 272: Repeat Biomarker Testing (ER/PgR/HER2) in Grade Three Breast Carcinoma; Not Truly Necessary
Summary: Our study examines the need for repeat biomarker testing in the subset of grade three breast carcinomas by comparing ER/PgR/HER2 status of biopsy and subsequent excision as per 2013 American Society of Clinical Oncology (ASCO) HER2 guidelines.
Authors: Margaret P. Holmes, Jay Zeck, Mary Sidawy
Entity: MedStar Georgetown University Hospital
Contact: margaret.p.holmes@gunet.georgetown.edu

Poster 273: Programmed Death Ligand 1: A Step Toward Immunoscore for Esophageal Cancer
Summary: A single institution analysis of the prognosis conferred by PD-L1 positivity on patients with resectable esophageal cancer.
Authors: Conor F. Hynes, Dong H. Kwon, Chaitanya Vadlamudi, Alexander Loffthus, Aya Iwamoto, Jeffrey J. Chahine, Sameer Desale, Marc Margolis, Bhaskar V. Khallakury, Thomas J. Watson, Nadim G. Haddad, Blair Marshall
Entity: MedStar Georgetown University Hospital
Contact: conor.f.hynes@gmail.com

Poster 274: Reduced Non-relapse Mortality (NRM) and Survivable Acute Graft versus Host Disease (GVHD) in the Current Era of Myeloablative Ex Vivo T-Cell Depleted (TCD) Transplantation
Summary: Little is known about the lethality of acute GVHD (aGVHD) in T-cell depleted (TCD) allogeneic hematopoietic stem cell transplantation (HSCT). We examined the incidence of aGVHD and its relative contribution to non-relapse mortality (NRM) in a cohort of consecutive TCD HSCT at a single institute.
Authors: Natasha A. Jain, Prathima Anandi, Upneet Chawla, Sawa Ito, Debbie Draper, Eleftheria Koklanaris, Sara Hauffe, Jeanine Superata, Robert Q. Le, David Stroncek, Pawel Muranski, Minoo Battiwalla, John Barrett
Entity: MedStar Washington Hospital Center
Contact: natasha.a.jain@medstar.net

Poster 275: Combination Therapy with PD-1/PD-L1 Blockade: An Overview of Ongoing Oncology Clinical Trials
Summary: This abstract presents an important update on clinical trials that feature PD-1/PD-L1 blocking antibodies with other treatments for cancer patients.
Authors: C. Bryce Johnson, Shwe Y. Win
Entity: MedStar Harbor Hospital
Contact: cbj7654@gmail.com

Poster 276: A Pictorial Essay of Metastatic Breast Cancer in the Central and Peripheral Nervous System
Summary: To discuss the importance of recognizing common and uncommon manifestations of metastatic breast cancer in the central and peripheral nervous system using multiple imaging modalities including CT and MRI.
Authors: Nancy Kim, Jennifer Huckabee, Erin Crane, Janice Jeon, Erini Makariou
Entity: MedStar Georgetown University Hospital
Contact: nancy.kim@gunet.georgetown.edu

Poster 277: Predicting Illness Severity in Sickle Cell Patients Admitted to the Hospital with Vaso-occlusive Crisis
Summary: A retrospective observational cohort study of patients admitted with sickle cell vaso-occlusive crises. The aim is to identify predictive markers of severe illness that could enable us to stratify patients needing aggressive care.
Authors: Rahul Lakhotia, Aarthi Shenoy, Sargam Kapoor, Mariam Saleem
Entity: MedStar Washington Hospital Center
Contact: rahul.lakhotia@medstar.net
Poster 278: Radiosensitization of Cervical Cancer Cells by HDAC Inhibitors  
Summary: HPV-positive squamous cell carcinoma cell lines were treated with several HDAC inhibitors. The drug with the greatest cytotoxicity (SP-1-161) was used to assess effects on cell cycle arrest and radiation sensitivity.  
Authors: Ima Paydar, Alfredo Velena, Scott Grindrod, Mira Jung  
Entity: MedStar Georgetown University Hospital  
Contact: ima.paydar@gunet.georgetown.edu

Poster 279: Five-fraction SBRT For Central NSCLC In-field Recurrences Following High-Dose Conventional Radiation  
Summary: Treatment options for patients with in-field NSCLC recurrence following conventionally fractionated EBRT are limited. We summarize our institutional experience treating these patients with SBRT.  
Authors: Michael C. Repka, Nima Aghdam, Shaan Kataria, Lloyd Campbell, Eric Anderson, Jonathan W. Lischalk, Brian T. Collins  
Entity: MedStar Georgetown University Hospital  
Contact: michael.c.repka@gunet.georgetown.edu

Poster 280: Long-term Follow Up of Patients Treated with Bendamustine For Lymphoid Malignancies  
Summary: Bendamustine is an alkylating agent that is widely used in treatment for non-Hodgkin lymphomas (NHL). This study investigated the long-term effects of bendamustine and demonstrated that it was an effective therapy with limited long-term sequelae.  
Authors: Maryam Sarraf Yazdy, Mara Penne, Kruti S. Nair, Bruce D. Cheson  
Entity: MedStar Georgetown University Hospital  
Contact: maryam.s.yazdy@gunet.georgetown.edu

Poster 281: Surgical and Oncologic Outcomes After Pre-pectoral Breast Reconstruction: The Medstar Georgetown University Experience  
Summary: Sub-pectoral implant based breast reconstruction with acellular dermal matrix (ADM) has become an established technique for breast reconstruction after total mastectomy.  
Authors: Stuti J. Tambar, Eleni Tousimis, Stuti Tambar, Troy Pittman, Shawna Willey, Mabel Chan, Aiste Gulla, Sulakshana Seeveratnam  
Entity: MedStar Georgetown University Hospital  
Contact: stuti.tambar@medstar.net

Poster 282: Characterization of Tumor Mutation Burden (TMB) in Gastrointestinal (GI) Cancers  
Summary: Immune checkpoint inhibitors have changed the treatment paradigm for various cancer types, especially in patients with high TMB. We studied TMB across 12 GI cancer subtypes to evaluate which have higher TMB and thus susceptibility to checkpoint inhibition.  
Entity: Lombardi Comprehensive Cancer Center, Georgetown University  
Contact: baw12@gunet.georgetown.edu

Poster 283: Molecular Characterization of Squamous Cell Carcinoma of the Anal Canal (SCCA)  
Summary: SCCA is a rare tumor type that is frequently associated with HPV infection. To explore SCCA biology, we compared molecular profiles of TP53-mutated (typically HPV-positive) versus TP53-wild type (typically HPV-negative) tumors.  
Entity: Lombardi Comprehensive Cancer Center, Georgetown University  
Contact: baw12@gunet.georgetown.edu

Case Reports

Poster 284: Central Nervous System Acute Lymphoblastic Leukemia Without Peripheral Involvement: A Case Report  
Author: Bradley S. Colton  
Entity: MedStar Georgetown University Hospital  
Contact: b.scott.colton1@gmail.com
Poster 285: Diagnosis and Treatment Challenges of Facial Lymphedema in Cancer Survivors  
Authors: Lulit D. Dessie, Syed S. Ali  
Entity: MedStar Union Memorial Hospital  
Contact: lulit.d.dessie@medstar.net

Poster 286: Case Report of Subcutaneous Panniculitis-like T-cell Lymphoma  
Authors: Barbara T. Ma, Chaitra Ujjani  
Entity: MedStar Georgetown University Hospital  
Contact: barbara.t.ma@gunet.georgetown.edu

Poster 287: Metastatic Cancer of Unknown Primary: A Case of Nut (Nuclear Protein in Testis) Midline Carcinoma  
Authors: Syed Z. Qamer, Julie Fried, Deepa S. Subramaniam  
Entity: MedStar Georgetown University Hospital  
Contact: syed.z.qamer@gunet.georgetown.edu

Authors: Fahad Qazi, Joel Hammer  
Entity: MedStar Health  
Contact: qmfahd@gmail.com

Poster 289: Evans Syndrome  
Authors: Ravneet S. Sandhu, Nida Riaz, Mohammed Nabeel  
Entity: MedStar Health  
Contact: ravneet.sandhu@medstar.net

Poster 290: Complement Inhibition with C1 Esterase Inhibitor Allowed Successful Transfusion of Antigen Mismatched Packed Red Blood Cells: A Case Report  
Authors: Eiran A. Warner, Catherine Broome  
Entity: MedStar Georgetown University Hospital  
Contact: eiran.a.warner@gunet.georgetown.edu

Orthopaedics/Sports Medicine/Neuro-Rehab

Poster 291: Mens’ Lacrosse Game Injuries During the U19 World Lacrosse Championship  
Summary: This study utilized a standardized approach to collect injury data at all of the games to describe the frequency and mechanisms of injuries that occurred during the Mens’ Under-19 World Lacrosse Championship held in Canada.  
Authors: Kezia Alexander, Andrew Lincoln, Lisa Hepburn, Bruce Griffin  
Entity: MedStar Health Research Institute  
Contact: kezia.alexander@medstar.net

Summary: This study explored the overall and cardiovascular disease risk among recent National Football League (NFL) players who played in an era of heavier linemen and year-round physical conditioning.  
Authors: Kezia Alexander, Andrew E. Lincoln, Robert A. Vogel, Thomas W. Allen, Reginald E. Dunn, Nathaniel D. Kaufman, Andrew M. Tucker  
Entity: MedStar Health Research Institute  
Contact: kezia.alexander@medstar.net

Poster 293: The Proportion of Critical Area Damaged as a Predictor of Behavioral Outcome in Chronic Aphasia  
Summary: How lesion location plays a significant role in the recovery of specific language abilities following left hemisphere stroke  
Authors: Zainab Anbari, Laura Skipper-Kallal, Elizabeth Lacey, Shihui Xing, Peter Turkeltaub  
Entity: Georgetown University Medical Center  
Contact: za127@georgetown.edu
Poster 294: Progression of an Occupation Based Treatment Protocol for the CPASS Stroke Trial
Summary: The use of meaningful activities and individualized treatment planning supports the translation of animal studies of neuroplasticity after stroke into human treatment trials.
Authors: Alexander W. Dromerick, Jessica Barth
Entity: MedStar National Rehabilitation Network
Contact: jessica.barth@medstar.net

Poster 295: The Effect of Conservative Treatment on a Patient with a First Metatarsophalangeal (First MTP) Medial Collateral Ligament Strain and his return To Sport: A Case Study
Summary: A Case study to review conservative treatment and whether it helped a patient recovery from a rare injury. A medial collateral ligament tear of first MTP.
Authors: Miriam Bovich, Scott Epsley, Michele Vita, Manon Schladen
Entity: MedStar National Rehabilitation Network
Contact: bovichm@gmail.com

Poster 296: Brainforce Screening Test for Concussion and Dissimulation: Study Update
Summary: Our goal is to determine whether a brief test of grip force motor control (“BrainForce”) can be used as a screening tool for mild traumatic brain injury (mTBI) suitable for use on the battlefield or playing field.
Authors: Kathy Brady, Alexander Dromerick, Rochell Tractenberg, Kathaleen Brady, Sara Schleicher-Dilks, William Garmoe, Katherine Larson, Kezia Alexander, Jasmine Malak, Peter Lum, Sunju Berry
Entity: MedStar National Rehabilitation Network
Contact: kathaleen.p.brady@medstar.net

Poster 297: Developmental Plasticity and Language Reorganization After Perinatal Stroke
Summary: This study examines the mechanisms underlying the development of language skills and assesses language and its neural basis in children diagnosed with a perinatal stroke.
Authors: Elissa Newport, Anna Greenwald, Catherine Chambers, Peter Turkeltaub, Alexander Dromerick, Madison Berl, Jessica Carpenter, William Gaillard
Entity: MedStar National Rehabilitation Network
Contact: alexander.w.dromerick@medstar.net

Poster 298: Biomarkers of Stroke Recovery Study Methodology
Summary: We describe the methodology and recruitment data for an ongoing observational pilot study which seeks to identify metabolomic biomarkers of neural repair.
Authors: Matthew A. Edwardson, Jamal Smith, Shashwati Geed, Amrita Cheema, Alexander W. Dromerick
Entity: Center for Brain Plasticity and Recovery; MedStar Georgetown University Hospital
Contact: mae97@georgetown.edu

Poster 299: The Role of OT in Managing Post Concussion Vision Impairments: A Case Series
Summary: A case series is to be presented regarding the role of occupational therapists in the management of visual impairments associated with post concussion syndrome.
Author: Kathryn Fair
Entity: MedStar National Rehabilitation Network
Contact: kathryn.fair@medstar.net

Poster 300: Stroke Capital Area Network for Research (SCANR), Year Four
Summary: SCANR, the Stroke National Capital Area Network for Research is regional hub of the NIH StrokeNet program centered on Washington D.C. As a regional coordinating site for the NIH StrokeNET, the network works to recruit people with stroke for trials.
Authors: Preethy K. Feit, Alexander W. Dromerick, Aime Hsia, Kathleen Burger, Andrew Stemer, Annapurni Jayam-Trout, Jessica Carpenter
Entity: MedStar Health Research Institute
Contact: preethy.k.feit@medstar.net
**Poster 301: Paging Dr. Lasagna: Why Early Inpatient Rehab Trial Recruitment Rate is in Single Digits**

**Summary:** Frequent barriers to recruitment for inpatient rehab trials include persistent but too mild UE motor impairment and delayed admission to inpatient rehab. For Early Rehabilitation Trials, screening and treatment must therefore begin in acute setting.

**Authors:** Shashwati Geed, Margot L. Giannetti, Jessica Barth, Kathaleen P. Brady, Claire P. Wilson, Dorothy F. Edwards, Alexander W. Dromerick

**Entity:** MedStar National Rehabilitation Network

**Contact:** shashwati.geed@medstar.net

**Poster 302: Recovering Upper Extremity (UE) Movement Synergies Post Stroke**

**Summary:** Clinical tests of motor recovery after stroke (Fugl-Meyer, FM) use ordinal scales that do not scale equally for patients over time or stroke severity. Rasch remodeling was used on FM to accurately measure recovery of motor synergies in the ICARE cohort.

**Authors:** Shashwati Geed, Monica Nelsen, Christianne Lane, Carolee Winston, Steve Wolf, Alexander Dromerick

**Entity:** MedStar National Rehabilitation Network

**Contact:** shashwati.geed@medstar.net

**Poster 303: Critical Periods After Stroke Study (CPASS): A Phase Two Trial**

**Summary:** We are investigating whether there are critical periods after stroke when patients may be maximally responsive to activity-based therapy and experience greater arm recovery.

**Authors:** Margot Giannetti, Alexander W. Dromerick, Dorothy F. Edwards, Matthew A. Edwardson, Margot L. Giannetti, Jessica Barth, Kathaleen P. Brady, Abigail M. Mitchell, Claire P. Wilson, Evan Chan, Ming T. Tan, Massimo S. Fiandaca, Howard J. Federoff, Elissa L. Newport

**Entity:** MedStar National Rehabilitation Network

**Contact:** margot.giannetti@medstar.net

**Poster 304: Pediatric Throwing Athlete Recovery After Platelet Rich Plasma Injection for Partial Ulnar Collateral Ligament Tear**

**Summary:** A 14-year-old male baseball pitcher presented with right medial elbow pain over 18 months, secondary to partial ulnar collateral ligament tear. After injection with platelet rich plasma and rehabilitation, he returned to throwing without pain.

**Authors:** Andrew H. Gordon, Arthur J. DeLuigi

**Entity:** MedStar National Rehabilitation Network

**Contact:** gordona@gwmail.gwu.edu

**Poster 305: The Impact of Right-hemisphere Stroke on Spatial Cognition: Illustrative Cases From a Larger Study in Progress**

**Summary:** This poster reports on interim results of a study investigating disruptions in spatial cognition after RH injury, using detailed neuropsychological and disability assessments and functional magnetic resonance imaging.

**Authors:** Anna Greenwald, Elissa L. Newport, Barbara Landau, Alexander W. Dromerick

**Entity:** Georgetown University

**Contact:** as2266@georgetown.edu

**Poster 306: Impaction Grafting Increases Bone Contact Area During TLIF: A Quantitative In-vitro Comparative Study and Early Clinical Results**

**Summary:** A novel impaction grafting (IG) technique enhances bone contact surface area during TLIF versus conventional graft implantation techniques. Clinical review of prospectively collected of patients who underwent IG showed good clinico-radiological outcomes.

**Authors:** Harish Kempegowda, Paul J. Tortolani, Andrew J. Trontis, Wenhai Wang, Lauren Quattro, Bryan Cunningham, Mir Hussain

**Entity:** MedStar Union Memorial Hospital

**Contact:** drharishkempegowda@gmail.com

**Poster 307: A Randomized Controlled Trial of Intensive Cryotherapy in the Emergency Department (ICED) Versus Conventional Treatment for Acute Musculoskeletal Injuries: Methodology and Preliminary Results of the ICED RCT**

**Summary:** For patients with acute musculoskeletal injuries who present to the Emergency department, intensive cryotherapy shows promise of improving pain control and reducing opiate utilization.

**Authors:** Eric Leroux, Elizabeth Kaufman

**Entity:** MedStar Washington Hospital Center

**Contact:** leroux6000@gmail.com
Poster 308: Intra-articular Lidocaine Versus Intravenous Conscious Sedation for Closed Reduction of Anterior Shoulder Dislocations
Summary: Review of ED treatment of acute anterior shoulder reductions founds that intra-articular regional anesthesia outperformed conscious sedation in treatment in terms of time to treatment, length of ED stay and complications.
Authors: Dave Milzman, Dave Weiner, Doug Johnson, Rand Floyd, Eric LeRoux
Entity: Georgetown University
Contact: milzman@georgetown.edu

Poster 309: A Case of Fatal Familial Insomnia Caused by a D178N Mutation with Phenotypic Similarity to Hashimoto’s Encephalopathy
Summary: Fatal familial insomnia (FFI) and Hashimoto’s encephalopathy characteristically have differing clinical presentations with dramatically different clinical course and outcomes. We present a case of FFI mimicking symptoms of Hashimoto’s encephalopathy.
Authors: Gholam K. Motamedi, Jessica Stevens, Matthew Levine, Anne Constantino
Entity: MedStar Georgetown University Hospital
Contact: motamedi@georgetown.edu

Poster 310: Characterization of High Frequency Oscillations in a Patient with Epilepsy
Summary: To further characterize the frequency components, pattern, and timing of pre- and postictal high frequency oscillations (HFOs; 80 to 500Hz) recorded through subdural EEG electrodes in patients with epilepsy.
Authors: Gholam K. Motamedi, Alyssa Miller, Kentaroh Takagaki, Minsu Cho, Yong Won Cho
Entity: MedStar Georgetown University Hospital
Contact: motamedi@georgetown.edu

Poster 311: Learning Curve for Minimally Invasive Transforaminal Interbody Fusion Utilizing Cortical Bone Trajectory Screws
Summary: Conventional MIS-TLIF via paramedian, tubular retractors and pedicle screws has surged in popularity over the last decade, however the learning curve (40 to 60 cases) and complications associated with such are reported limitations. Such reports have focused on global metrics such as total OR time or general complications, which may or may not be unique to the new technique.
Authors: Lauren S. Quattro, Paul J. Tortolani, Harish Kempegowda
Entity: MedStar Union Memorial Hospital
Contact: lauren.s.quattro@medstar.net

Poster 312: Reduced Length of Stay and Contained Hospital Costs with Cortical Pedicle Screws: A Prospective Cohort Study
Summary: The use of cortical pedicle screws (CPS) with transfominal interbody fusion (TLIF) is an alternative to traditional fixation with posterior pedicle screws (PPS) with or without TLIF. Reduced surgical trauma and dissection during CPS may lead to faster patient recovery.
Authors: Lauren S. Quattro, Paul J. Tortolani, David A. Stroh
Entity: MedStar Union Memorial Hospital
Contact: justintortolani@gmail.com

Poster 313: Development of a Urinary Symptom Questionnaire for People with Neuropathic Bladder
Summary: Given the high frequency of urinary symptoms and urinary tract infections in people with neurogenic bladder and spinal cord injury, there is a need for the development and validation of a Urinary Symptom questionnaire for this population.
Authors: Rachel Teranishi, Elizabeth Davis, Inger Ljungberg, Manon Schladen, Suzanne Groah
Entity: MedStar National Rehabilitation Network
Contact: rkt23@georgetown.edu

Poster 314: Expression of Neuropeptides in the Synovium of Charcot Neuroarthropathy
Summary: Charcot neuroarthropathy (CNA) often shows as a diabetic complication in the foot. This study investigated the expression and localization of a group of neuropeptides in the synovium of CNA and non-CNA joints.
Author: Zijun Zhang
Entity: MedStar Union Memorial Hospital
Contact: Zijun.Zhang@medstar.net
Poster 315: Revitalization of Achilles Tendon Allograft with Mesenchymal Stem Cells
Summary: Achilles tendinopathy and rupture are common. This study investigated the approach of transplantation of Achilles tendon allograft in situ, with the incorporation of mesenchymal stem cells.
Author: Zijun Zhang
Entity: MedStar Union Memorial Hospital
Contact: Zijun.Zhang@medstar.net

Poster 316: Outcomes of Arthroscopic Lysis of Adhesions for the Stiff Total Knee Arthroplasty
Summary: Arthroscopic lysis of adhesions for stiff total knee arthroplasty improved range of motion, pain and Western Ontario and McMaster Universities Arthritis Index scores. Earlier lysis, lower BMI and younger age were positive predictors of success.
Authors: Blake M. Bodendorfer, Rafael Sanchez, Kareem Termanini, Kotler A. Joshua, Evan H. Argintar
Entity: MedStar Georgetown University Hospital
Contact: blakebodendorfer@gmail.com

Poster 317: The Utility of Fascia Iliaca Blockade in Hip Arthroscopy: A Prospective, Randomized, Controlled, Double-Blinded Study
Summary: This is an interim analysis of an undergoing prospective, randomized, controlled, double-blinded study evaluating the efficacy of an ultrasound-guided fascia iliaca blockade in hip arthroscopy patients. Primary outcome measures are narcotic use and pain.
Authors: Blake M. Bodendorfer, Patrick T. Laughlin, Colleen Coghlan, Madeline Lyons, Vishaka Ravishankar, Brent A. Gilmore, Brian S. Freeman, William F. Postma
Entity: MedStar Georgetown University Hospital
Contact: blakebodendorfer@gmail.com

Summary: A biomechanical comparison of two triceps repair techniques (anatomic double row suture anchor repair versus anatomic cruciate transosseous tunnel repair) found no statistically significant differences between the two in load to failure or footprint uncoverage.
Authors: Robert B. Canham, R. Bruce Canham, Shannon Carpenter, Anand M. Murthi
Entity: MedStar Union Memorial Hospital
Contact: rbrucecanham@gmail.com

Poster 319: Ankle Arthroscopy in Maisonneuve a High Fibular Ankle Fractures
Summary: High fibula fractures are technically extra-articular ankle fractures. Ankle arthroscopy commonly demonstrate intra-articular pathology that can be identified and in some cases addressed at the time of ORIF.
Authors: Nick Casscells, Francis McGuigan, Dan Dean
Entity: Georgetown University
Contact: ncasscells@gmail.com

Poster 320: Visibility of Tinted Chlorhexidine Gluconate Skin Preparation on Varied Skin Pigmentations
Summary: Preoperative skin preparation with antimicrobial agents decreases the risk of surgical site infection, but concerns have been raised about the visibility of a common surgical preparatory agent (ChloraPrep; Becton, Dickinson & Co, Franklin Lakes, New Jersey), depending on skin pigmentation.
Authors: Ryan W. Churchill, Evan Argintar
Entity: MedStar Georgetown University Hospital
Contact: ryan.w.churchill@gmail.com

Poster 321: Epidemiology of Hand and Forearm Injuries in NCAA Athletics
Summary: Our paper is an epidemiological review of all hand and forearm injuries in NCAA athletes in the period between the 2004 to 2005 and 2013 to 2014 academic years.
Authors: Edward Fakhre, Kenneth R. Means, Michael W. Kessler, Sameer Desale, Andrew E. Lincoln
Entity: Georgetown University School of Medicine
Contact: ef543@georgetown.edu
Poster 322: Correction of Sagittal Alignment in One-level Spondylolisthesis
Summary: Radiographic comparison of operative versus nonoperative treatment and follow up for one-level lumbosacral spondylolisthesis, comparing pre- to post-operative and operative to nonoperative utilizing radiographic parameters.
Authors: Joseph Ferguson
Entity: MedStar Georgetown University Hospital
Contact: jferg13@gmail.com

Poster 323: The Contribution of Intact Hemisphere Dorsal Premotor Cortex to Paretic Arm Motor Performance After Severe Stroke
Summary: TMS perturbation of dorsal premotor cortex of the intact hemisphere in severe stroke patients suggests that this area can significantly contribute to the speed and trajectory of paretic arm reaching movements.
Authors: Rachael Harrington, Evan Chan, Amanda K. Rounds, Clinton J. Wutzke, Alexander W. Dromerick, Peter E. Turkeltaub, Michelle L. Harris-Love
Entity: Georgetown University
Contact: rharrin1@gmail.com

Poster 324: Biomechanical Analysis of a Novel Flexor Tendon Coupler Versus Suture Repair
Summary: Biomechanical testing reveals a new tendon coupler technique produces strong flexor tendon repairs that are four times as fast as the gold standard core suture method.
Authors: Chetan S. Irwin, Brent G. Parks, Kenneth R. Means
Entity: MedStar Union Memorial Hospital
Contact: chetan.irwin@gmail.com

Poster 325: Comparison of Two Six-strand Hamstring Grafts for Anterior Cruciate Ligament Reconstruction: A Biomechanical Study
Summary: Biomechanical study of the mechanical properties of two different six-strand hamstring graft constructs for ACL reconstruction that varied in whether they had an inner strand.
Authors: Darlene K. Jean-Pierre, Richard Y. Hinton, Brent G. Parks
Entity: MedStar Union Memorial Hospital
Contact: darlene.kristina@gmail.com

Poster 326: Perspective of the First Resident’s Experience in MedStar National Rehabilitation Hospital’s Occupational Therapy Residency: An Autoethnography
Summary: The American Occupational Therapy Association (AOTA) describes occupational therapy (OT) as a health discipline that “helps individuals across the lifespan with various diagnoses and in various settings achieve health, well-being and participation in life through engagement in everyday activities” (AOTA, 2014).
Authors: Sophie E. Leeds
Entity: MedStar National Rehabilitation Network
Contact: sophie.e.leeds@medstar.net

Poster 327: The Effect of Commercial Aviation on Concussion Recovery in National Hockey League Athletes
Summary: NHL players who flew in pressurized air cabins within six hours of mTBI missed one more game versus those who did not fly. This provides the first human validation of the animal studies that hypobaric conditions worsen concussion outcomes.
Authors: Dave Milzman, Aidan Neustadtl, Jeremy Altman
Entity: Georgetown University
Contact: milzmand@georgetown.edu
Poster 328: Interocular Asymmetry of Macular Inner Retinal Layer Thickness and Disease Severity in Parkinson Disease: Optical Coherence Tomography Study
Summary: This is a retrospective clinical study, approved by IRB at SUNY Downstate Medical Center.
Authors: Shahnaz Miri, Sofya Glazman, Eric M. Shrier, Ying Ding, Samantha Slotnick, Ahra Joh, Ivan Bodis-Wollner
Entity: MedStar Georgetown University Hospital
Contact: shz_miri@yahoo.com

Poster 329: Anatomy of the Posterior Femoral Cutaneous Nerve
Summary: An anatomic study describing the location of the posterior femoral cutaneous nerve and its branches in their proximity to the proximal hamstring attachment.
Authors: Lindsay F. Remy, Brent G. Parks, Adrian G. Paez, James C. Dreese
Entity: MedStar Union Memorial Hospital
Contact: lindsay.f.remy@gmail.com

Poster 330: The Use of Particulate Steroid Injectate During Cervical and Lumbar Epidural Injections Increases the Rates of Post-procedure Stroke and Meningitis: A Descriptive Analysis of Medicare Beneficiary Claims From 2000 to 2013
Summary: This study was conducted to quantify the rates of stroke and fungal/bacterial meningitis after cervical and lumbar epidural steroid injections.
Authors: Joseph A. Sclafani, Pei-Shu Ho, Venu Akuthota, Leighton Chan
Entity: MedStar National Rehabilitation Network
Contact: jsclafani61@icloud.com

Case Reports
Poster 331: Proximal Tibial Physeal Fracture with Entrapment of Torn Medial Collateral Ligament: Case Report and Clinical Images
Authors: William A. Davis, Robert Najarian
Entity: MedStar Georgetown University Hospital Orthopaedic Surgery
Contact: william.davis.3@gmail.com

Poster 332: Dementia Due to Amyloid Angiopathy
Authors: Rezanne Khalil, Conrad May
Entity: MedStar Franklin Square Medical Center
Contact: rezanne.k.khalil@gmail.com

Poster 333: A Case of Anti-NMDA Receptor Encephalitis in a Young Man
Author: Suresh Paudel
Entity: MedStar Health
Contact: suresh.paudel@medstar.net
About MedStar Health Research Institute

MedStar Health Research Institute serves as the executive agent for research at MedStar Health and provides scientific, administrative and regulatory support for research funded by local, state and federal government; private foundations and private industry. The transformational nature of MedStar’s research—from bench to bedside to community—complements the key clinical services and teaching programs in MedStar’s hospitals and in the diverse communities MedStar serves.

Facts and Statistics
• Founded in 1963
• Medical Education and Clinical Partner of Georgetown University
• More than 1,000 open clinical research studies
• Nearly 1,000 peer-reviewed publications a year
• More than 400 MedStar physicians involved in research

Research Resources and Support
• Institutional Review Board and Office of Research Integrity
• Compliance
• Office of Contracts and Grants Management
• Office of Financial Management
• Human Resources
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• Biostatistics and Biomedical Informatics
• Biomarker, Biochemistry and Biorepository Core
• Research Pharmacy
• Pre-Clinical Research Laboratory

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About Academic Affairs at MedStar

MedStar Health Academic Affairs has one of the largest and most robust graduate and continuing medical education programs in the country. Our system GME programs train more than 1,100 medical residents and fellows annually, in 90 residency and fellowship programs offered throughout our hospitals. In addition to ACGME-accredited programs, we also sponsor accredited GME programs in specialties such as Oral and Maxillofacial Surgery, Podiatry Surgery, Orthodontics, Maternal-fetal Medicine and more.

As the medical education and clinical partner of the Georgetown University School of Medicine, MedStar Health is committed to extending the culture of cura personalis, or “caring for the whole person,” to the whole community, cura communitas. Our vision is to continue our established culture of lifelong learning, where every member of our community identifies as a learner.

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