



Participant Directory

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Semifinals hall

Basic Science

Poster Title	Participant
Genomic Adaptation of <i>Moraxella catarrhalis</i> During Persistence in the Airways of COPD patients	Marielisa Cabrera-Sánchez
Dendritic Cells Supply CD4+ T Cells with L-arginine	Rebecca Crowther
Stromal-derived Hypoxia-Inducible Factor 2 regulates pancreatic cancer immunosuppression	Carolina J. Garcia Garcia
Modeling VCP ALS using isogenic iPSC-derived motor neurons	Jacob Klickstein



High Glucose Suppresses Cardiomyocyte Progenitor Cell Regenerative Capacity and the Role of miR-195 in Gestational Diabetes Mellitus	Pranav Mellacheruvu
IL-6 signaling drives airway epithelial dysfunction in pulmonary fibrosis	Jacob Michalski
Rapamycin Prevents Senescence and Maintains Osteogenic Potential of Mesenchymal Stromal Cells in High-Density Sheet Culture	Aaron Sheppard
IGFBP-3 mediates mitochondrial homeostasis during hyperosmolar stress	Whitney Leigh Stuard

Clinical and Transitional Research

Poster Title	Participant
Hearing loss linked to a higher rate of incident cardiovascular disease in adults	Hiwot M Abate
Efficacy of Patient and Clinician Reminders on Increasing Colorectal Cancer Screening	Abdillahi Ahmed
Epidemiology, Clinical Features, and Outcomes of Hospitalized Adults with COVID-19: A Rural Appalachian Experience.	Huzefa Bhopalwala
Mitochondrial dysfunction associated with post-acute COVID-19 syndrome	Esther de Boer
Preventing Blindness and Reducing Exposure during COVID-19 via MicroPulse Laser Treatments for Macular Degeneration	Alexis Jade Brewer
Anti-Mullerian Hormone Level is Effective in Detection and Diagnosis of Various Polycystic Ovarian Syndrome Phenotypes	Christina Cortes
Natural Killer and Cytotoxic T Cell Immune Infiltrates are Associated with Superior Outcomes in Soft Tissue Sarcomas	Sylvia Cruz
Renal Function Dynamics Among Mechanically Ventilated Patients With Acute Kidney Injury And Covid-19 Pneumonia	Sherida Edding
Epidemiology and prevalence of lung disease amongst e-cigarette users in the USA - a national study	Naga Ganti
Telehealth Improves Follow-up for Monitoring of Age-related Macular Degeneration	Alexander Huther
Clinical Outcome Differences in the Treatment of Impending Versus Acute Pathological Long Bone Fractures	Neal Kapoor
Prevalence of STK11 Mutation and its Association with Solid Tumor Survival	Mindy Kim
Top-down Fabrication of Endothelialized Capillary-like 3D Channel Networks in Thick Hydrogels	Sanaa Mansoor
Mortality After Valve Replacement Surgery Among Racial Groups: Is There a Difference?	Selin Ocal
Associations between albuminuria and mortality among US adults with and without co-morbidities	Julien Tremblay
A SEER Analysis of the Effect of Treatment Type on Stage IV Melanoma of Unknown Primary Survival	Connor Tupper
Racial-ethnic disparities in pulse oximetry associated with organ dysfunction and mortality in critical illness	A. Ian Wong



Health Systems Science

Poster Title	Participant
Preference and Utilization of Food Resources by Refugee and Immigrant Populations	Luma Abunimer
Are Ventilator Triaging Algorithms Valid and Equitable?	Maheetha C Bharadwaj
Outcomes Of Patients With Opioid Use Disorder And Concomitant Chronic Pancreatitis Vs Chronic Pancreatitis: A Model To Predict Mortality And Hospital Length Of Stay	Neethi Dasu
Harmful Intrauterine Exposure to Stress and Resulting Steroid Requirements in Infants With Congenital Heart Disease	Izzy Katlaps
Evaluation of a Choosing Wisely, Ç Intervention to Reduce Inappropriate Antibiotic Prescribing within a Large Academic Safety Net Health System	Richard Leuchter
Provision of Cognitive-Behavior Therapy for Depression and Anxiety Disorders by Medical Student Trainees	Samuel Powell
The Effect of Sample Medication Use on Subsequent Anti-VEGF Agent Selection for Neovascular Age-Related Macular Degeneration	Karen Wai

Medical Education Innovation

Poster Title	Participant
The Effect of Skin of Color Education Module on Preclinical Students	Angelique Gadson
Implementation and Evaluation of a Student Curriculum on Patient Navigation for Individuals Experiencing Homelessness	Chandana Golla
Institutions or Aging in Place: A Sites of Care Jigsaw Learning Activity for Medical Students	Ashley Goreshnik
MovementMed: Enhancing Medical Student Well-being & Knowledge with Kinesthetic Learning & Community	Tresne Hernandez
Hiding in Plain Sight: Eating Disorders in Diverse Populations - A Case for Comprehensive Medical Education	Madeline Jansen
Gaps in Skin of Color Dermatology Education: A National Assessment of Internal Medicine Residents	Barbara Mullen
How do Medical School Experiences Differ between Students from Low- vs. Higher SES Backgrounds? A Multicenter U.S. Survey Study.	Anastasia Piersa
Trauma-Informed Care in Pediatrics: An Interactive Module for Clerkship Students	Priya Shah
Socioeconomic Diversity of Matriculating U.S. Medical Students by Race and Ethnicity, From 2017 to 2019	Arman Shahriar
Correlative Analysis of Medical School Rank and Orthopedic Surgery Match	Thomas Strasser



Public Health and Health Policy

Poster Title	Participant
Liver injury on admission linked to worse outcomes in COVID-19: An Analysis of 14,138 patients	Harleen Kaur Chela
Do increased vaccination sites per person lead to increased vaccination rates - a study of Alabama	Mustafa Farooq
Chronic pain and High-Impact Chronic Pain and its role in Emergency Room Utilization: Evidence from the National Health Interview Survey (NHIS)	Daniel Gomez
Vot-ER Healthy Democracy Campaign: A national, medical student-led voter registration competition preceding the November 2020 U.S. elections	Yoonhee Ha
Evaluating Affordable Care Act Efficacy and Equity in Trabecular Bypass Stent Surgery	George Lin
The Role of Parental Adverse Childhood Events on Their Children's Nutrition	Mathew Marsee
Intraoperative radiation therapy as a safe alternative to whole breast radiation for treatment of minimally invasive breast cancers: a retrospective cohort study	Guy Shaposhnik
Pediatric Trauma Prevention in Los Angeles County by Zip Code	Rasika Sudharshan
Hope for the Future: Embedding 529 College Savings Accounts in Pediatric Care	Swetha Tummala

Poster Session hall

Basic Science

Poster Title	Participant
Increased Reactive Oxygen Species Production And Inflammatory Response in RAW 264.7 Cells after exposure to inactivated SARS-CoV-2	Akhil Adla
Developmental Expression of BMP2-Induced Genes in Fetal Mouse Ovaries	Rebecca Lynn Anderson
Marijuana Abuse and Risk of Acute Pancreatitis	Renu Bhandari
A nutrition-based antimicrobial gel (AMG) shows superiority to Mepilex Ag in treatment of deep partial thickness burns	Brian Cartwright
Mutations in COL1A1 and COL27A1 associated with a pectus excavatum phenotype in patients with osteogenesis imperfecta	Nelimar Cruz Centeno
Glycomic Profiling of Breast Cancer Patient Serum Samples for Disease Classification Refinement	Basil Harris Chaballout
FDA-Approved Drug Screen Reveals Novel Regulators of IRF3	Karan Chawla
BMP-6 Regulates Immunologic Response During Critical Circular Rat Mandibular Bone Healing	Xizhao Chen
Targeting de novo lipogenesis in enzalutamide resistant prostate cancer	Lixamar Colón-Vicentí
Characterization of the 475 Novel Small RNAs in Salmonella Enterica	Donavon Jared Dahmer
The role of PI3K catalytic isoforms on the survival of pediatric glioblastoma	Yazdi Doshi



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Engineering Better Chimeric Antigen Receptor (CAR) T Cell Antitumor Responses Through OX40	Victoria Dronzek
Peripheral Immune Cell Pro- and Anti-Nociceptive Gene Expression in Chronic Binge Alcohol-Administered SIV-Infected Rhesus Macaques	Michael Dubic
Mutagenesis and CocrySTALLIZATION of Apolipoprotein A-I	Grace Ferri
Comparing Vermont and Alabama's Predicted Covid-19 Cases and Vaccination Rate for the Next Four Weeks Using Statistical Analysis	Jonathan Ferro
A unified metabolic tumor classification system for prediction of prolonged patient survival	Jack Goodman
Mechanics of Multi-Ply High Methoxyl Citrus Pectin Films as Visceral Organ Injury Sealants	Aditi Gore
Epigenetic Variations Associated with Aggressiveness and Drug Resistant Prostate Cancer Among Puerto Rican Men	Camila M. Luis Gronau
Glucose Intolerance in First-Generation (F1) Offspring of Diabetic Dams is Linked to Differential Placental Gene Expression in the Pancreatic	Meredith Huszagh
The epigenetic remodeling protein Brg1 regulates vascular progenitor cell contribution to chronic vascular fibrosis	Austin Jolly
Does Risk of Bias Scoring Impact Meta-analysis of Hypotension during Colonoscopy with Propofol Sedation?	Jordan Bruce Jones
Recreational Marijuana Abuse leads to Hospitalizations for Peptic Ulcer Disease Results from a Nationwide Inpatient Study	Hajara Joundi
Comparison Of Small Molecule Inhibitor Therapy And Conventional Chemotherapy In Retinoblastoma	Karthik Kalahasty
A Novel Mutation in B-Insert Domain of DRP1 Causes Myoclonic Ataxia and Tremor Associated with Mitochondrial Dysfunction	Seo Hyun Kim
The Deleterious Impact of Exercise Intensity and Duration on Cardiac Function in Arrhythmogenic Cardiomyopathy	Spencer Kortum
Synergy Between Candida albicans and Staphylococcus aureus Increases the Severity of Polymicrobial Implant Infections	Alan Li
Dimensional Analysis and Anatomical Variation of the Branches of the Celiac Trunk	David Lindars
A Novel Protocol and Proof-of-Concept Study to Measure Swimmer Exposure to Indoor Pool Air Chlorine by Products and Its Effect on Pulmonary Function	Sejal Mehta
The Role Of Malondialdehyde-Acetaldehyde Adduct (MAA) In The Potential Development And/Or Progression Of Inflammatory Bowel Disease In Mice	Ananya Mitra
Evaluation of TPP1:ApoE Fusion Proteins for Brain Enzyme Replacement Therapy for Late Infantile Neuronal Ceroid Lipofuscinosis	Anurag Modak
Predictors of Hospitalization for Manic Episode in Alzheimer's Dementia: Inputs From an Inpatient Case- Control Study	Varsha Nandwana
Endothelial Cell to Mesenchymal Transition in Experimental Diabetic Retinopathy	Wasef Nijim
Blunted Emotional Intensity Following Repeated Exposure To Sleep Restriction	Keeyon Olia
Factors Influencing the Utilization Rate of Left Ventricular Assist Device (LVAD) in Congestive heart failure (CHF) patients in the US Hospitals	Amanpreet Kaur Pannu
COVID-19 Pathogen (SARS-CoV-2) Viral Evolution Leading to Increased Infectivity	Sonam Parag
The Redox Compound Methylene Blue Increases Mitochondrial Respiration in Retinal Photoreceptor Cells	Michael Pascoe



Small Bowel Amyloidosis in a 65-year-old Gentleman with a History of Aneurysm Repair	Veshesh Patel
IL-19 Associated Lymphangiogenesis Promotes Atherosclerotic Plaque Reduction	Amanda Peluzzo
Characterization of T Cell and B Cell Receptor Repertoires in Pemphigus Vulgaris Patients by Next Generation Bulk and Single Cell RNAseq Analysis	Elizabeth Quaye
The Role of Pluripotency in Hepatocellular Carcinogenesis: Findings from a Brazilian Cohort	Allison Reichl
Aberrant lipid metabolism and alternative macrophage activation in therapy-resistant prostate cancer	Carla Barrientos Risso
Firmicutes Dominance Is Associated With Reduced Inflammation And Lower Serum Bilirubin Level In A Novel Ambulatory Model Of Parenteral Nutrition Induced Liver Injury And Gut	Ashish Samaddar
Post-Mortem, Incidental Meningiomas: A Case Study and Literature Review	Anthony Sanchez
Neutrophil Elastase as a Biomarker for Frequent Exacerbations in Chronic Obstructive Pulmonary Disease	Nicholas Sass
Immunophilin ligands modulate phagocytosis and viral replication in HIV-infected macrophages	Anish Vinay Sathe
Antifibrogenic Activities of Novel Vitamin D3 Analogs are Dependent on CYP27B1 Expression in Human Fibroblasts	Steven Gates Scott
Oxidative Stress Regulators as a Therapeutic Target for Pancreatic Ductal Adenocarcinoma	Anahita Sehgal
Clinical Features, Maternal and Fetal Outcomes in pregnant women infected with COVID-19	Virali Shah
Increasing Delivery of Topical Therapies and Vaccines to Skin Using STAR Particles	Andrew Tadros
Migraine-Associated Gene Expression in Vascular Cell Types	Luke Vest
The Protein-Like Polymer (PLP): A Facile Approach for Generating Personalized Cancer Vaccines Using a Modular Nanoplatfrom	Max Wang
Culture of patient-derived circulating tumor cells modeling CTC functionality and heterogeneity	Jerry Xiao
Changing selection on drivers over tumorigenesis in low and high risk and metastatic prostate cancer	Alexander Yang

Clinical and Transitional Research

Poster Title	Participant
Association of Maternal Race/Ethnicity on Primary Cesarean Section	Jasmine Abram
Initial IR Interventions Often Fail to Resolve Fluid Collections in Patients with Colorectal Disease	Max Ackerman
Single Neuron Recruitment During Direct Electrical Stimulation In The Human Cortex	Oludamilola Ademoyero
Blood Stream Infections (BSI) in hospitalized patients with and without COVID 19 infection in NYC Public Hospitals A Multicenter Retrospective Study	Afsheen Afzal
Outcomes of Patients with Left Ventricular Assist Devices and COVID-19: A Single Center Experience	Matthew Agritelley
Initial Experience of Subcutaneous Nitroglycerin for Distal Transradial Access in Neurointerventions	Maham Ahmed



Baseline serum Neurofilament Light chain a predictor of severity and short-term outcomes among Multiple Sclerosis patients, A systematic review.	Sara Ahmed
Delayed Anterior Segment Complications After Treatment of Retinopathy of Prematurity with Laser Photocoagulation	Aparna Ajarapu
Unbiased identification of clinical characteristics predictive of COVID-19 severity using machine learning	Elliot Akama-Garren
Quantifying Empathy in Emergency Medical Responders	Melissa Akpinar
Functional Outcomes in Patients with Long COVID Followed in a Physical Medicine and Rehabilitation Clinic	Ryan Alano
The Positive Impact of Music on Aging Auditory cortex and Memory: Literature Review	Lina Alatta
Machine Learning-based Prediction of Hematocrit Values from Native MRI Myocardial T1-maps	Jon Aldinger
Burkholderia cenocepacia infections at sites other than the respiratory tract: a large case series from a tertiary referral hospital in Lebanon	Housam Eddine Alhariri
Safety and efficacy outcomes of 27-gauge pars plana vitrectomy for treatment of diabetic tractional retinal detachment	Naveen Ambati
Long-term Follow-up After Ventral Hernia Repair with Strattice Mesh: A Retrospective Study	Akhila Ankem
Radiation trends in melanoma following the introduction of immune checkpoint inhibitors	Morgan Bailey
"To D or Not to D, that is the question" - Vitamin D and COVID Patients	Anita Bajpai
Prevalence of active and passive smoking patterns amongst asthma and associated emergency admissions- a nationwide prevalence survey study	Irina Balan
Aspirin Use is Associated with Decreased Mortality in Patients with COVID-19: A Systematic Review and Meta-analysis	Nischit Baral
Patient Engagement On Social Media With Urologists In A Community Practice	Phillip Barnett
Long-Term Outcomes of Arthroscopic Tennis Elbow Release: A Prospective Analysis	Karis Bennett
Online Symptom Checkers Lack Diagnostic Accuracy for Skin Rashes	Nicholas Berry
Comparing the Use of Antibiotics vs. Appendectomies for Uncomplicated Acute Appendicitis: A Randomized Trial	Joel Bervell
Nonsurgical Providers Provide the Majority of Postoperative Opioid Prescriptions after Hand Surgery	Shivangi Bhatt
A Retrospective Review of Clinical Characteristics and Management of Pediatric Cellulitis in the Neonatal Intensive Care Unit	Bianca Biglione
Sensorimotor Outcomes in the Surgical Management of High-AC/A Esotropia	Henry Bison
Spitting for Science: Salivary miRNA Biomarkers for Concussion Recovery	Ian Bogdanowicz
The prevalence of autoimmune disease in patients with dermatitis herpetiformis and/or celiac disease	Elizabeth Bruce



Negative Impacts Of Covid-19 Pandemic On Physician'S Well Being In The United States Of America	Gabrielle L. Brumfield
Applications of a CT-compatible 3D printed plastic scrotal "clamshell" for radiotherapy planning, proton beam shielding, and testicular immobilization	Skyler Burke
The Prevalence of Irritability in the Pediatric Population of the Rio Grande Valley	Diana Cabrera Fernandez
Ischemic Cholangiopathy, Biliary Complications, and Long-term outcomes of Patients Receiving Liver Transplants from Donors who underwent Cardiac Death	Thomas Cerri
Traumatic Brain Injury in College Aged Students: The Influence of Alcohol Consumption	Sonia Chandi
Modulation of Tumor Treating Fields by Craniectomy	Bryant Chang
LUAD And LUSC Cancer Classification, Biomarker Identification, and Pathway Analysis Using Overlapping Feature Selection Methods	Joe Chen
Inpatient palliative care and hospice referrals in terminal cancer patients - A retrospective review	Madhuri Chengappa
EVAlI-associated Pulmonary Function Test changes, clinical and imaging characteristics in the Adolescent Population	Saroj Choudhary
Use of Digital Health Tools for Health Promotion Among Individuals with Rheumatologic Diseases in the United States	Nneka Chukwu
Chiari I Patients With Connective Tissue Disorders Have Worse Presentations and Outcomes	Jamie Clarke
The Effect of Maternal Race and Nativity on Macrosomia in the United States	Brahm Coler
A radiological evaluation of clinical outcomes in patients undergoing subacromial decompression for subacromial impingement syndrome	Matthew Tyler Compton
Is Cement Mantle Thickness A Primary Cause of Aseptic Tibial Loosening Following Primary Total Knee Arthroplasty?	Zachary Cox
Third Hematopoietic Cell Transplant (HCT) Outcomes in High-Risk Patients	Emily Cox
The Association of Primary Tumor Site Laterality and Race on Breast Cancer Patients' Survival in the United States During 1998-2016	Shiran Dana
Cutaneous manifestations of COVID-19 patients in the VIRUS COVID-19 Registry	Neha Deo
Examining Outcomes in Patients with Pulmonary Hypertension Diagnosed with COVID-19	Jennifer DeSalvo
Pentosan Polysulfate Sodium Maculopathy: A Big Data Study of Patients with Interstitial Cystitis	Eric Desjarlais
A retrospective study of characteristics and survival in patients with breast cancer brain metastases classified by subtype using NCI SEER registry.	Monika Devanaboyina
Parental knowledge of obstructive sleep apnea symptoms in children	Lauren DiNardo
Prevalence of substance abuse amongst the population with cardiovascular disease - a NHANES study	Lavanya Dondapati
Decreasing Neonatal Sepsis Work-up Based on Sepsis Risk Calculator for Management of Neonates at Risk for Early-Onset Sepsis at Arrowhead Regional Medical Center	Nicole Dudaney



The Great Imitator Strikes Again: Latent Neurosyphilis After Initiation of the Immunosuppressive Drug Secukinumab	Allison Duncan
Effect of surgical timing in primary repair of fovea involving rhegmatogenous retinal detachment	Ryan Duong
Retrospective Study Analyzing Risk Factors of Foot and Ankle Amputation in Patients with Diabetes diagnosed with Osteomyelitis	Tsola Efejuku
Trauma and Abnormal Uterine Bleeding	Sheila Eghbali
Comparison of Pars Plana Vitrectomy and Scleral Buckling Surgical outcomes for Rhegmatogenous Retinal Detachment Repair in Patients Under 50 Years of Age	Omar Elghawy
The Role of Vitamin D in The Brain Power As We Age: A Systematic Review	Sarah Elsayed
Evaluating incidence of neurological disturbance in COVID-19 patients and associated inflammatory marker changes at a resource-poor county hospital	Liliana Filipowska
Health-Related Quality of Life Disparities among Hispanic/Latinx Patients with Nephrolithiasis	Alec R. Flores
Botulinum Toxin Type A in the Treatment of Chronic Pain	Jacob Franke
Hippocampal Volume Mediates the relationship of Sarcopenia and Cognitive Performance in Men but not Women	Christopher Galvin
Increased Disparities in Patients Diagnosed with Metastatic Lung Cancer Following Lung CT Screening in the United States	Ashwin Ganesh
Cannabinoid Receptor Expression across Cutaneous Cancers	Ameya Gangal
Risk of Acne in Transgender Patients on Hormone Therapy: A Retrospective Comparative Cohort Study	Julia Gao
Hemolytic Uremic Syndrome- Population at Risk for Acute Renal Failure	Divya Gavini
Fix and Replace (FaR) vs Open Reduction Internal Fixation (ORIF) for Acute Geriatric Acetabular Fractures: A Pilot Study	Pasquale Gencarelli Jr
Evaluating the effects of tracheostomy timing in Covid-19 patients.	Abhishek Ramgir Giri
Topical Timolol for treatment of chronic wounds: A systematic review of efficacy and safety	Zach Goldstein
Development of an Electrically Conductive Adhesive for Skin Mounted Bioelectronics Used in Treating Facial Paralysis Disorders	Sunland Gong
Everolimus Attenuates Tumor Angiogenesis in HPV-Negative Head and Neck Squamous Cell Carcinoma	Landon Goodreau
Involvement and Characterization of Calcinosis Cutis in Autoimmune Connective Tissue Diseases	Pavane Gorrepati
The NET Result: Utility of 68Ga DOTATATE scans on Gastric and Duodenal Neuroendocrine Tumors	Shiv Govindji
Oncological Outcomes In Octogenarian Patients With Soft Tissue Sarcomas - A Seer Retrospective Study.	Michael P. Guertin
KBG Syndrome:Prospective Videoconferencing and Use of AI Facial Recognition in 25 New Patients	Lily Guo
Postoperative Eyelid Edema in Different Racial and Ethnic Populations	Sarah Guo



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AMA RESEARCH CHALLENGE

VIRTUAL

Local wound infiltration with liposomal bupivacaine decreases post-cesarean pain scores	Avni Gupta
Online Patient Education Resources for Anterior Cruciate Ligament Reconstruction: An Assessment of the Accuracy and Reliability of Information on the Internet 10 Year Update	Alvarho Guzman
Impact of Symptom Burden and Financial Toxicity on Flourishing in Head and Neck Cancer Survivors	Alexandria Harris Kathryn Harvey-Feldewerth
Procalcitonin: An Analysis of Utilization at Mercy Hospital St. Louis	Kathryn Harvey-Feldewerth
Exploring the association between dietary fiber intake and prevalence of chronic diseases among the US adult population based on 2013-2018 NHANES data: A retrospective cross-sectional study	Gashaw Hassen
Sleep disturbances impact within-network resting state default mode network connectivity in youth	Aneesh Hehr
Comparison of short- and long-term outcomes among survivors of ICU hospitalization with and without COVID-19 infection - A Prospective Study	Sebastian Ocrospoma Heraud
Plasma flow distal to tourniquet placement provides a physiological mechanism for tissue salvage" [†]	Cheryl Hickey
Time to Benefit for Stroke Reduction after Blood Pressure Treatment in Older Adults: A Survival Meta-analysis of Randomized Clinical Trials	Vanessa Ho
Evaluating The 30-day and six-month Mortality/Readmission Rates for ESRD Patients Hospitalized with Elevated Troponin and Treated as Type 1 Vs Type 2 MI in The South Bronx.	Ali Horoub
Development of Virtual Pediatric Spinal Biomechanical Models	Than Huynh
Variations in Clinical and Laboratory Presentation of UTI in Medically Complex Patients	Mallika Iyer
Sex differences in outcomes of CGS requiring temporary pMCS	Katia Bravo Jaimes
"Awakening of the Beta Cell".	Josephine V Jasper
Immune monitoring of kidney transplant recipients after SARS-CoV-2 mRNA vaccination: a prospective study	Ayman Al Jurdi
Critical Analysis of the Evaluation of Postoperative Dysphagia Following an Anterior Cervical Discectomy and Fusion	Matthew Kaufman
Role of B12 and its metabolites in depression and suicidality: a review	Shivani Kaushal
The prevalence of Primary Hyperaldosteronism in Patients with Resistant Hypertension A Cross-sectional Study	Anam Khan
The Ability of PROMIS (Patient Reported Outcome Measurement Information System) to Predict Generalizable Postoperative Outcomes in Foot and Ankle Patients: A Systematic Review	Shayar Kian
Device-Related Adverse Events From WATCHMAN FLX Implants As Reported By The Food And Drug Administration	Paul E. Kim
What is the efficacy of different psychological and educational interventions at improving atopic dermatitis?	Lori S. Kim
Considering patient-reported outcome measures in keloids: SCAR-Q	Minji Kim
Providing the Best Value Care for Emergent Gallbladder Disease	Shelbie Kirkendoll



The Ocular Manifestations of SJS/TEN are Common and Universal Across a Diverse Demographic Spectrum	Malka Davina Kirschenbaum
CD26 defines responsiveness to neoadjuvant checkpoint blockade	Hannah Knochelmann
Transcutaneous Electrical Spinal Cord Neuromodulator (TESCoN) improves Symptoms of Incontinence in Stroke patients	Priya Kohli
Predictive Risk Factors for Childbirth-Associated Breast Infections in the United States: A 10-Year Perspective	Klaudia Koziol
Diagnostic Utility of Abdominal Radiographies in the Pediatric Emergency Department	Kacper Kubiszewski
Establishing Criteria for Sanger Confirmatory Testing of Next-Generation Sequencing Results	Abha Kulkarni
Gastric Point of Care Ultrasound (POCUS) in Diagnosing Postoperative Delayed Gastrointestinal Functioning	Ryan Lamm
The Impact of Duration of Diabetes Diagnosis on Patient Engagement with Remote Patient Monitoring	Azalfa Lateef
Utilization of a new classification system to determine if surgical approach and fracture comminution affect the quality of reduction for periprosthetic distal femur fractures	Logan Keone Laubach
Morphology of the Occipital Bones and Foramen Magnum resulting from Premature Minor Suture Fusion in Crouzon Syndrome	Ryan Layton
Validation of PI-RADS v2 for Detection of Prostate Cancer Among Readers with Different Degree of Experience Using US/MRI Fusion Guided Prostate Biopsy as Reference Standard	Hong Le
Epidemiology And Survival Factors In Appendicular Myxofibrosarcoma: A Seer-Retrospective Study	Yonghoon Lee
30 Cases of Post-COVID19 Vaccine Related Shingles	Cynthia Lee
Association between COVID-19 and Mortality in Hip Fracture Surgery in the National COVID Cohort Collaborative (N3C)	Eli Levitt
Proteomic profiling of cutaneous T-cell lymphoma using tape-stripping: a promising noninvasive modality for pathological analysis and research	Tessa LeWitt
DKA/HHS admissions and psychiatric conditions in a large Massachusetts Hospital System: How are they related?	Jacinta Leyden
Clinical Applications of Nailfold Capillaroscopy in Autoimmune Disease: A systematic review and meta-analysis	Andraia Li
Platelet-Rich Plasma vs. Corticosteroid Injection for Lumbar Spondylosis and Sacroiliac Arthropathy: A Systematic Review of Comparative Studies	Jeremiah Ling
The Effects of Cannabis vs. Opioid Use Disorder in Patients following Infrainguinal Bypass Repair	Ranjana Lingutla
Meta-Analysis of Serum Cytokine Levels in Rheumatoid Arthritis	Hannah Lo
Vitamin D and bone mineral density (BMD) in children and adolescents with type 1 diabetes (T1D)	Christopher Loiselle
Comparing Essential Tremor and Parkinson's Disease: an ACS-NSQIP study of 2,153 patients	Trevor Luck



Incidence and prevalence of cardiovascular disorders amongst patients with active substance use disorders - a national perspective.	Apoorva Madapu
Artificial Intelligence in the Evaluation of Telemedicine Dermatology Patients	Mandy Majidian
Incidence and Predictors of In-Hospital Mortality Among Diabetics Undergoing Transcatheter Aortic Valve Replacement	Jannat Malik
Diabetic Sequelae and Ankle Fractures: Significant Associations with Postoperative Complications	Aaditya Manirajan
Effects of Steroid Injections in a Mouse Model of Post-Traumatic Knee Osteoarthritis	Anuj Marathe
An Investigation into the Usage of Bisphosphonate Therapy in Patients with Osteogenesis Imperfecta	Daniele Marcy
The Effect of Supplemental Oxygen on Postoperative Nausea and Vomiting.	Metabel T. Markwei
Unmasking the Confounder- Inherent Physiological Variability in Swine During Automated Ischemia-Reperfusion Injury	Symonne C Martin
Chronic Suppurative Otitis Media: Identification of Bacterial and Fungal Infection with Antibiogram, A study at Tertiary Care Center.	Shameera Shaik Masthan
Impact of Anticoagulants and Antiplatelet Drugs on Outcomes Following Hip Fracture Surgery	Carlos Maturana
Exploring Migraine Management with Novel Medications	Michelle Mayers
Characterization of Dietary Patterns, Cognitive Function and Mood in Diverse Populations of Cardiac Patients in the age of COVID-19	Tom McNally
Prevalence of brain magnetic resonance imaging findings in children undergoing evaluation for autism spectrum disorder	Carlos E Melendez-Garcia
Post-COVID-19 Outcomes in Patients from the San Joaquin Valley: Clinical Outcomes and Features Unique to Rural America	Grant Mello
Diagnosis of Cancers Using Artificial Intelligence in Musculoskeletal Radiology and Neuroradiology	Kathleen Miao
N-formyl methionine peptide-driven neutrophil activation in patients with vasculitis	Despina Michailidou
The Long Haul: A One Year Follow Up Study on Inpatient and Outpatient COVID-19 Survivors	Christopher Millet
Abnormal genetic testing among male patients with concomitant neurodevelopmental disabilities and genital abnormalities	Maishara Muquith
Factors Associated with Abnormal Brain MRI Results in Very Low Birth Weight Infants	Samhita Nanduri
Validation of a Claims-Based Algorithm for Identifying Pneumonitis in Patients with Lung Cancer	Shane Neibart
Patterns and Prognosis of Distant Metastases of Melanoma Subtypes in the Surveillance, Epidemiology, and End Results Database	Kevin A. Nguyen
The Role of Artificial Intelligence in Assessing Acute Stroke	Justyn Nguyen
Satisfaction with Care in Patients with Eosinophilic Esophagitis	Yvonne Nong
Impact of New-Onset versus Pre-Existing Atrial Fibrillation on Outcomes after Transcatheter Aortic Valve Replacement/Implantation	Nso Nso



Prevalence and Management of Severe Intrapartum Hypertension in Preeclamptic Patients at an Urban Tertiary Care Medical Center	Ngozi Nwabueze
More than a "No-Show": Exploring Reasons Behind Missed Visits in Pediatric Rheumatology	Samantha K. Ong
The More the Merrier? An Analysis of All-Inside Implants in Meniscus Repair Failure	James Oosten
MELD-Na score predicts overall survival in patients treated with transarterial embolization for ruptured hepatocellular carcinoma	Robert L Owen
Large Retrospective Study Evaluating Necessity of Abdominal CT Imaging in the Emergency Department	Kaitlynn Pak
The effectiveness of magnesium for the treatment of mild traumatic brain injury among adolescents	Stuti Parikh
Identifying T cell receptor repertoire signatures associated with COVID-19 severity	Jonathan Park
What Affects A Facial Plastic Surgeon's Online Ratings? A Large Retrospective Review	Mital D. Patel
Overweight BMI and Its Impact on Lumbar Fusion Outcomes in the Elderly US Population	Jordan Pizarro
Conditional Survival Analysis in Locally Advanced Laryngeal Cancer: Dynamic Prognostication After Initial Diagnosis	John Placide
To operate or not to operate? That is the question: Current trends and general complications in pediatric septoplasty	Maya Raghavan
Appropriateness of sputum testing for Acid Fast Bacilli in a community hospital setting	Divya Rajmohan
Adult Fibrosarcoma in the Extremities: Demographic and oncological outcomes. A SEER- database retrospective study.	Jose Ramirez
Unsupervised Phenotype-based Clustering of Clinicopathological Features in Cutaneous Melanoma	Sarem Rashid
Discontinuation and Non-publication of Intravitreal Injection-based Interventional Clinical Trials	James Robbins
Association of enteral feeding patterns with intestinal barrier function in preterm neonates	Lisa Roskes
Osteoporosis Management and Secondary Fragility Fracture Risk in Patients with Multiple Sclerosis: a Matched Cohort Study	Bailey Ross
Low Prevalence of Ideal Cardiovascular Health in Patients with Phenotypic Severe Hypercholesterolemia	Lauren Ross
No Difference in 1st Metatarsophalangeal Arthrodesis Outcomes Depending on Surgical Indication	Warren Roth
Differential Collagen Isoform Expression in Post-Traumatic Stiff Elbow Anterior Capsules	Marshall Rutherford
Comparing Intubation Airway Barrier Devices Using a Simulated Airway Task Trainer	Abha Sathe
Predictors of Retention Rates in the Active Living After Cancer Program at MD Anderson: A Comparison of Classes During and Before COVID-19	Kendahl Servino
Outcomes in neovascular age-related macular degeneration patients presenting with poor visual acuity	Jonathan Siktberg



Repetitive Transcranial Magnetic Stimulation (rTMS) use in Schizophrenia - An Umbrella Meta-analysis	Suraiya Silvi
Efficacy of Antimicrobial Washes Prior to Shoulder Surgery Against Cutibacterium: A Systematic Review and Meta-Analysis	Jeffrey Simpson
SARS-CoV-2 Vaccination in the Primary Care Setting	Vikram J Singh
Incremental Health Care Utilization and Costs for Thyroid Disease in the United States	Justin Soffer
Emergency Department Utilization	Kaitlyn Sonnentag
Endocrine Therapy Initiation, Adherence, and Completion in Low Income Women with Breast Cancer	Nikita Sood
The Psychiatric Burden on Medical Students in New York City Entering Clinical Clerkships During the COVID-19 Pandemic	Emma Stanislawski
Outcomes of Eyes with Multiple Retinal Detachments Following Primary Rhegmatogenous Retinal Detachment Repair	Emma Stenz
Carotid Artery Dissections from TCAR As Reported by the Food and Drug Administration	Dongjin Suh
Percutaneous Microwave vs Cryoablation for cT1a (≤ 4 cm) Small Renal Masses	George Sun
Racial and Ethnic Disparities in Survival and Treatment for HPV-Positive Oropharyngeal Squamous Cell Carcinoma	Matthew J. Swanson
Effects of Green Tea Consumption on Anthropometric Markers: A Meta-Analysis	Kaiming Tan
Robotic vs. conventional laparoendoscopic single-site surgery in hysterectomy procedures in Hawaii	Kara Termulo
Efficacy and Safety of Indwelling Pleural Catheter for Cirrhosis Associated Pleural Effusion: A Pooled Data Analysis	Akesh Thomas
Angiostrongylus Cantonensis: A Pediatric Case Series of Eosinophilic Meningitis	Tyler Thorne
Outcomes for metastatic breast cancer patients treated with gamma knife stereotactic radiosurgery for brain metastases	Matthew Trotta
Maternal and Fetal Outcomes of Bicuspid Aortic Valve with Early Onset Complications	Tate Truly
The Designing, Testing, and Utility of a 3D-Printed Respirator: A Hospital's Journey Into Self-Sustainability During COVID-19	Aditya Lal Vallath
Impact Of Underlying Pulmonary Hypertension On In-hospital Outcomes Among Patients With Septic Shock	Rhythm Vasudeva
Efficacy of Care Coordination for Patients with Hypertension and Diabetes	Hayley Ward
The Efficacy of Non-Pharmacologic Interventions Adjunctive to Pharmacologic Therapy in Management of Women with ADHD - A Systematic Review	Saad Wasiq
The use of contextualized metabolic network modeling to identify tissue-specific metabolite changes in Zambian children with Environmental Enteropathy.	Mara Weigner
Kidney Transplantation Outcomes in Midwest Indigenous People	Hanna Wiley
Prenatal Exposure to Maternal Anxiety Impacts Mismatch Negativity to Temporal Deviants in Infants	Andrew Willett



Prior Shoulder Surgery and Rheumatoid Arthritis Increase Early Risk of Infection After Primary Reverse Total Shoulder Arthroplasty	Alyssa Woltemath
Effectiveness Of Intraoperative Steroids By Anesthesia In Reducing Fat Emboli Syndrome	Cynthia Wong
Understanding Unmet Needs in Psoriasis Patients	Alexander Woods
Pneumatocele-Induced Pneumothorax in a Patient with Post-COVID-19 Pneumonitis. A Case Report	Kevin Wortman
Foveal Vessel Density on OCTA Compared to Foveal Avascular Zone in T1DM Vision Health over a 5 Year Period	Catherine Ye
Revisiting the use of low-level laser therapies for treatment of hair loss	Cassandra Yeboah
Trends in Leadership and Training Characteristics in Fellowship Directors at Pediatric Orthopedic Fellowships	Brandon Yeshoua
Open label study of Vitamin D treatment and supplementation in Duchenne Muscular Dystrophy	Farzina Zafar
Mechanism of Ankle Injuries in the National Basketball Association: A Video-Based Analysis	Peter Zeblisky
Immune cell profiling in the joint following human and murine articular fracture	Jacob Zeitlin
Hypoalbuminemia in Total Shoulder Arthroplasty: Does it affect outcomes?	Theodore Zhang
Epigenetics aging acceleration in bipolar disorder	Ning Zhao
Interstitial Lung Disease Mortality Risk Comparison in SARS-CoV-2 Patients: A Multicenter Cohort Study	Joy Zhao
Differences in Ocular Hemodynamics Between Men and Women of African and European Descent	Ryan Zukerman

Clinical Vignettes

Poster Title	Participant
Isolated In-Utero Fetal Fracture	Camille Adajar
To Drain or Not To Drain: A Case of Pericardial Decompression Syndrome	Ahmad Adam
Case Of Acute Pancreatitis In A Patient Receiving High Dose Steroids For Optic Neuritis	Ramesh Adhikari
A Wolf in Sheep's Clothing: Dogs Confer an Unrecognized Risk for Their Immunocompromised Master	Lipisha Agarwal
Euglycemic Diabetic Ketoacidosis Secondary to Metformin	Jaffer Ahmad
Atretic Parietal Cephalocele and Associated Structural Neurovascular Anomalies	Hamzah Ahmad
Patent Foramen Ovale and Ascending Aortic dilatation causing Platypnea-Orthodeoxia Syndrome.	Alaaeldin Ahmed
Persistent sex-difference in lung cancer mortality between 2001 and 2017 in the US and EU	Omar Al Omari
Case of WPW and anomalous right coronary in a teenager with cardiac symptoms	Nathan Albrecht



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A Rare Case of Urachal Adenocarcinoma with Bone Marrow Metastasis	Joshua Van Allen
Increasing Clinical Suspicion of Relapsing Polychondritis in Patients with Concomitant Diseases	Justin Andrada
pancytopenia associated with untreated Grave's Disease, a rare occurrence	Iqra Arshad
De Novo Crescentic IgA Nephropathy Following SARS-CoV-2 Vaccination	Pyi Phyo Aung
Administration of Tranexamic Acid as Treatment for ACE Inhibitor-Angioedema	Sohun Awsare
Latissimus Dorsi Flap Breast Reconstruction after Resection of a Giant, Malignant Phyllodes Tumor in a Young Woman	Roxana Azimi
Management of Lytic Bone Disease in Lymphoplasmacytic Lymphoma: A Case Report and Review of the Literature	Mizba Baksh
Catastrophic APS in COVID 19 infection	Chandra Abirami Balasubramaniapandian
Pure Insular Cortex Infarct in Neonatal Sepsis-Induced HIE	Eric Basile
Too Much of A Good Thing: A Case of Suspected Acute Tubular Necrosis Provoked by Hypervitaminosis D	Kevin V Benavente
Bone Marrow Invasion of Streptomyces in a Patient Presenting with Advanced HIV	Julia Berry
Spontaneous Triplet Pregnancy Reaching to Third Trimester in Resource- Limited Setting a Case Report	Vidya Bharati
Calciophylaxis: A review of risk factors, clinical presentation and treatments	Arti Bhukhen
Counting cards: A clinical series of Nocardia dissemination in transplant recipients	Lauren Billington
Wound Infection vs Malignancy: An Unusual Presentation of Secondary Cutaneous B Cell Lymphoma	Kaitlyn Blanchard
A rare case of pulmonary tuberculosis presenting as leptomeningitis and transverse myelitis	Audrey Blazek
A rare case of group I pulmonary hypertension in hereditary hemochromatosis	Harsimran Brar
Diagnosing HLH: Piecing the puzzle together	Joshua Burshtein
An Urban Occupational Case of Bilateral Tropical Immersion Foot Syndrome with Severe Consequences	Kushinga Bvute
tors Contributing to Delayed Neurocognition in XLP patient with Severe Manifestations	Diana Chan
Subdural Empyema in Adult with Recent SARS-CoV2 Positivity Case Report	Megan Charlton
Navigating challenges of managing schizophrenia in a patient with comorbid Benign Ethnic Neutropenia and Cutis Verticis Gyrate	Chhavi Chaudhary
Frozen in Thought: Catatonia Associated with Hyponatremia in the Setting of Oxcarbazepine Increase " and Duloxetine	Hajira Chaudhry
Acute Oculomotor Neuritis after COVID-19 Vaccination	Thymur Chaudhry



Systemic ATTR amyloidosis with cardiac involvement associated with V142I transthyretin mutation: a case report	Kelly Chen
Erosive OA: the wolf in a sheep's clothing	Niharika Chimalakonda
Presentation of an Infant with a Maternal History of COVID-19 Infection	Cindy Chu
Mycobacterium abscessus peritonitis and ventriculitis associated with ventriculoperitoneal shunt	Diana Clabots
Partial Gastric Outlet Obstruction: A Complication of Intra-gastric Balloon Placement	Lisa David
Pfizer/BioNTech SARS-CoV-2 Vaccine and Cerebral Venous Sinus Thrombosis: A Rare Case Report	Amina Dhahri
Male Central Centrifugal Cicatricial Alopecia in a COVID-19 Patient: A Telemedicine Case Report and Review of the Literature	Samiya Diawara
A Case of Legionella Hepatitis and the Lessons We Can Learn From It	Jared Dobbs
Non-traumatic Splenic Rupture as Possible Sequelae to COVID-19 Vaccination	Adam Doedtman
Three cases of erythema ab igne in pediatric patients remote schooling during the COVID-19 pandemic	Grace Duan
COVID-19 Vaccine and Potentially Thromboembolic Events	Eman El Sawalhy
Recognition of Guillain Barre Syndrome (GBS) as a Post Cervical Fusion Complication.	Eiman Elhouderi
Eyes Wide Shut: Anisocoria as an atypical presentation of Tools-Hunt Syndrome (THS)- A Case Report	Wesley Field
Metastatic small cell lung cancer: the role of multidisciplinary teams in patient care	Austin Frisch
A Case of Malignancy Presenting as Porcelain Gallbladder with Sepsis	Kendall Frisoli
COVID 19 Infection and Late Manifestation of Pulmonary Aspergillosis	Subramanya Shyam Ganti
Lemmel's Syndrome Secondary to Common Bile Duct Compression by an Inflamed Duodenal Diverticulum	Ashley Gao
Disseminated Histoplasmosis from Mycophenolate Mofetil Immunosuppression leading to Hemophagocytic Lymphohistiocytosis	Nicole Giddens
E-cigarette or vaping product use associated lung injury (EVALI) in teenager after reported COVID-19 infection	Michelly Gonzalez
An Unusual Case of Myocarditis Three Months After Moderna COVID-19 Vaccination	Radha Gopalan
Lactic acidosis in critically ill patients; think broadly, not only shock.	Mohamed Maali Gumaa Mohamed
Post COVID-19 Lymphocytic Hypophysitis: A Rare Presentation	Sanuri Gunawardena
Case Report on Late-onset Friedrich's ataxia and Response on Parkinsonism Treatment	Uma Datta Gupta
Anatomical Variation of the Omohyoid Muscle	Connor Gwinn



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A Case of SGLT-2 inhibitor induced Euglycemic Diabetic Ketoacidosis	Mohamed Hamed
May-Thurner Syndrome: A Clot Confusion	Mohammed Mustafa Hasan
Takayasu Arteritis: An Exceptionally Advanced Clinical Presentation	Muhammad Haseeb ul Rasool
Complication of Chemotherapy in Patient with Metastatic Non-Small Cell Lung Cancer	Christian Hendrix
Train vs Caboose: Hemipelvectomy as a Salvage Procedure in Massive Pelvic Trauma	Jennifer Hernandez
The Potential Link Between Gastric Signet Ring Cell Carcinoma and Estrogen	Claire Hoang
Patient Values Guides Decision-Making	Andrea Hodapp
Challenging Clival Osteomyelitis - a Case Series	Sean Paul Holmes
Pulmonary Embolism Risk with Combined Oral Contraceptive Use in a Post-COVID-19 Patients	Christin Hong
A CRAB- γ Diagnosis: Multiple Myeloma	Taylor A Hopper
Sternal Reconstruction with Platelet-Rich Plasma Bone Graft: A Case Report	Cathleen Huang
A Hematologic "Great Masquerader:" Two Unusual Manifestations of Vitamin B12 Deficiency	Michael Sang Hughes
An Abnormal Presentation of Rectovaginal Fistulas as Recurring Vaginal Ulcers: A Case Study	Monica Huynh
Sudden Cardiac Arrest in Auto-brewery Syndrome	Aqsa Iqbal
A rare case of R-CHOP induced Diabetes Ketoacidosis, in a patient with new onset diabetes	Sangeetha Isaac
Acute polyneuropathy from Steroid Induced Hyperglycemia	Chris Jacobus
Cystic Bronchiectasis in Pulmonary Sarcoidosis	Raja Jadav
Eccrine carcinoma with an unknown primary.	Chinmay Jani
Corticosteroid-Induced Mania After Previous Tolerance of Higher Doses	Reena Jasani
Intramuscular Angioma in an Adolescent Softball Pitcher	Phillip Jenkins
CVA With Right Basal Ganglia Hemorrhage With Urosepsis- Strategies to improve clinical outcomes	Arunima Mariya Jose
Misdiagnosis of Gastritis in a 32yo Hispanic Female with Lupus Pericarditis	Shamil Jugnundan
False Negative Results in Cases of Genetic Mosaicism	Andrew Kerwin
Health supplement induced Cholangiocarcinoma	Aqsa Khan
A case of zosteriform leukemia cutis in the setting of B-CLL	Saira Khan



Early implementation of VV ECMO for EBV HLH	Rukhsaar Khanam
Food Coma: Hyperammonemic Encephalopathy in the setting of Refeeding Syndrome	Joseph Khoory
Unusual Presentation of Leptospirosis: Severe Pulmonary Hemorrhage Syndrome Accompanied by leukemoid Reaction	Armen Kishmiryan
An extremely rare case of Wolinella succinogenes bacteremia in a young patient with newly diagnosed Hemophagocytic lymphohistiocytosis	Dilesha D. Kumanayaka
Total Femoral Replacement and Sixteen-Year Follow-Up for Complicated Echinococcus Infection	Divakar Lal
Pseudo-pseudo Meigs Syndrome (PPMS)- a rare side effect of Leflunomide	Malvika Lall
COVID-19 and the Coagulation Conundrum	Henry Lam
Quality of life in patients with recurrent spontaneous coronary artery dissection	Taroob Latef
"When the hypo hits hard, think in antibodies"🔗	Marjolein Le
Reversible Cerebral Vasoconstriction Syndrome: an under-recognized syndrome in pregnancy and the post-partum period	David Lee
Acute venous thromboembolism after initiation of voxelotor for treatment of sickle cell disease	Natalie Lemon
Remarkable Efficacy of Nadolol on Prevention of Ventricular Arrhythmia in Long QT Syndrome	Kenneth Leung
Signal Versus Noise: A Case of Advanced HIV/AIDS in the Setting of Lupus and Interstitial Lung Disease	Lauren Lin
Secondary Immune Thrombocytopenic Purpura complicated by COVID-19	Cynthia Lopez
Clinical Implications of Unreliable Biomarkers in Diagnosing Acute Mesenteric Ischemia	Lauren Lyssy
Stroke in a Young Adult with Chronic Hidradenitis Suppurativa: A Case Report	Kanika Mahajan
Considering a Calcified Mass: A Case Addressing the Current Management of Adipocytic Neoplasms	Grayson Mast
Netarsudil-induced Reticular Bullous Epithelial Edema Following Intraocular Surgery	Kayne M. McCarthy
Trans-nasal sphenopalatine ganglion block for the treatment of low back pain	Brittany McCord
Delayed Diagnosis in Ulcerative Colitis Leading to Toxic Megacolon	Joseph McHale
Sjogren's syndrome and Inflammation: Atypical risk factors for the development of sepsis and DIC	Richard McLane
Spontaneous Pneumomediastinum in Pregnancy Expands the Call of the Internist	Lydia Meece
Diffuse Idiopathic Pulmonary Neuroendocrine Hyperplasia in a Patient With Mycobacterium Avium Complex	Abdullah Melhim
Occipitocervical fusion for craniocervical instability secondary to pathologic occipital condyle fracture from metastatic multiple myeloma: interesting case and a review of the literature	Stephanie Menezes



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New Onset Subacute Cutaneous Lupus Erythematosus After the COVID-19 Vaccine	Nathaniel Messenger
An Unusual Case of Aortic Vegetation Causing Coronary Artery Microembolization and Sudden Death	Hayley Mitchel
Percutaneous Veno-Venous Extracorporeal Membrane Oxygenation Support During Resection of a Single Functional Lung	Xena Morataya
Congenital Agenesis of the Internal Carotid Artery: Neuroanatomical Compensatory Variations & Clinical Implications	Gilad Muth
A Curious Case of High Fever After A "Nail Gun to the Head"	Emma Newton
A Psoriasiform Spongiotic Dermatitis Drug Eruption due to the COVID-19 mRNA Vaccine: A Case Report	Kevin Nguyen
A Case of Nonconvulsive Status Epilepticus after Electroconvulsive Therapy	Madeline Nykamp
A Suicide Left Ventricle Post TAVR	Celestine Odigwe
A Rare Presentation of Systolic Anterior Motion Occurring Eight Years After Mitral Valve Replacement	Olushola Ogunleye
Minimally invasive surgical approach for asymptomatic left atrial myxoma: a case report	Tetyana Okan
A Patient with COVID-19 on Continuous Renal Replacement Therapy (CRRT)	Lynda Ostermann
Seronegative Spondyloarthritis (Reactive Arthritis) fourteen days following E.Coli UTI	Inderbir Padda
Kikuchi -Fujimoto disease: Potential immune-mediated pathogenesis, a rare case and literature review	Payam S. Pahlavan
Case Report of Non-congenital Neurosyphilis in a 20-year-old male	Thomas Pak
Thyrotoxicosis a manifestation of the COVID Vaccination: A Case Series and Literature Review	Mahesh Pampati
Asymptomatic Appendiceal Mucocele: A Case Report	Sarthak Parikh
Penile Mass: An Atypical Presentation of HSV-2	Parmida Parsa
A Coastal Fisherman'S Biggest Catch: Hand Salvage & Functional Recovery Following Marine Flesh-Eating Bacterial Infection	Niki K. Patel
Bleeding After Endoscopic PEG-Tube Removal on Patient Taking Clopidogrel	Sahil Patel
A Case Report: Multiple Eruptive Keratoacanthomas in a 67-Year Old Male	Vandan Patel
Novel Mutation in STIM1 Leading to Combined Immunodeficiency Syndrome: A Case Report	Devisha Patel
Severe Babesiosis and Red Blood Cell Exchange Transfusion.	Preya Patel
Distal Embolization of Hydrophilic Polymer Gel After Tibial Artery Angioplasty: A Case Report and Review of the Literature	Emily Petriner
How to Not Lose Your Heart in the Flow: "A case of Loperamide-induced diffuse ST segment elevation"	Pranav Pillai



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Mediastinal Paraganglioma: A Rare Cause of Angina	Rachel Presson
A Severe Case of Mixed Pulmonary Hypertension due to Hereditary Hemorrhagic Telangiectasia	Sadhana Puri
Can an Apple Watch Lead to a Lyme Disease Diagnosis	Mohammed Faraaz Faraaz Rahman
IgA Vasculitis (Henoch-Schönlein purpura) triggered by Epstein-Barr Virus in an Adult Female	Syed Hamaad Rahman
Nonsystemic vasculitic neuropathy: A rare autoimmune cause of polyneuropathy	Amandeep Rakhra
Covid-19 presenting as anti-MOG syndrome with longitudinally extensive transverse myelitis: A case report	Rohini Rana
A case of rapidly progressive post-infectious motor neuron disease.	Maria Rechten
RET, set, go- A novel treatment for RET fusion positive metastatic Non-small-cell-lung cancer	Jashan Reet
Searching Through the Fog, a Case of Peripheral Ulcerative Keratitis (PUK) Secondary to Granulomatous Polyangiitis	Yanhan Ren
Eosinophilic Attack on the Heart and Brain: A Case of Hypereosinophilia Induced Myocarditis and Stroke	Suchelis Rhodd
"Me Duele Mucho Mi Rodilla" A Left Knee Giant Cell Tumor in Pregnancy	Karla Madrid Rivas
Locally advanced squamous cell carcinoma of the lower esophagus	Gustavo Alexis Rivera Alvarez
Crack Lung: The New Rule-In Diagnosis	Maria A. Rodriguez Santiago
A Rare Etiology of Pulmonary Nodules	Arashdeep Rupal
Septic Arthritis of the Right Wrist due to Mycobacterium Avium Complex in an Immunocompetent Patient	Bibek Saha
Blau Syndrome Associated with a Heterozygous NOD2 Mutation	Rony Saleeb
Chronic Corneal Erosion in a Hypermobility Patient With a Novel Mutation in ZNF469	Sahba Helina Saleh
Tenofovir disoproxil fumarate induced Fanconi Syndrome	Rebecca Salvo
Parathyromatosis: A Rare Etiology of Severe Hyperthyroidism and Hypercalcemia	Zafer Sattouf
Unilateral ophthalmoplegia, ptosis, and dilated pupil with new headache	Kevin Schneider
A Case of Vulvar Tumoral Herpes Infection in a Renal Transplant Patient	Samantha Scott
Systemic capillary leak syndrome following BNT162b2 (Pfizer) vaccine	Zeynep Seckin
A rare case of hospital acquired Elizabethkingia meningoseptica endocarditis	Alejandro Serrat
A Case of Anti-NDMA Receptor Encephalitis with Bilateral Ovarian Teratomas	Milaan Shah
Transfuse To Perfuse- A Case Of Anemia Causing Left Main Coronary Artery Occlusion Pattern On Electrocardiogram	Safia Shaikh



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Clinically Amyopathic Juvenile Dermatomyositis	Harrison Shawa
Autoimmune disease and Common Variable Immunodeficiency (CVID) associated with NFKB1 mutation	Hannah Shin
Multiple Sclerosis Masquerading as Stroke: Challenges in Telemedicine"	Lachlan Shiver
Pulmonary hypertension manifesting as cardio-vocal syndrome	Harpreet Singh
Delayed Onset COVID-19 Massive Hemorrhagic Pericardial Effusion	Atul Sinha
Extradural Plasmacytoma of the skull with orbital involvement in asymptomatic patient	Ellie Soheili
Scurvy in a 4 Year Old Boy Taking Liquid Vitamins	Harisa Spahic
Hypermobility syndrome associated with a novel mutation in Collagen 12a1; Tenet 3: Structure and function are reciprocally interrelated	Jeffrey Storm
Granulomatosis with Polyangiitis Obscured by a Diagnosis of COVID-19	Harrison Stubbs
Concurrent Presentation Of Neurofibromatosis-1 Associated With Pulmonary Fibrosis And Shortness Of Breath	Michael Talalaev
Peliosis Hepatis: A Case Review on Current Treatment and Diagnosis	Alex Teshon
Nut Cracker Syndrome	Ravi K Thimmisetty
A peculiar presentation of Whipple's disease	Vivekanand Tiwari
Gynecomastia with Dasatinib Use in Chronic Myeloid Leukemia	Natalie Torrente
Pathophysiology and Treatment of Acute Hyponatremia Secondary to Syndrome of Inappropriate Antidiuretic Hormone in Post-Operative Patients	Diego Valenzuela
I Can Barely Stomach It: Stomach Ulcer in the Context of Tricuspid	Thomas C Varkey
Respiratory failure and death following Amiodarone administration for Atrial Fibrillation	Spiro Veria
A Case Report Of Unusual Resolution Of Chronic Pruritus	Kristen Vu
A Rare Presentation of Coinfection of Lyme Disease and Anaplasmosis	Yuyao Wang
Persistent Relapsing Babesiosis in Immunocompromised Host Treated with Atovaquone-Proguanil	Brendan Wechsler
Myocardial Infarction Following a Mild Case of COVID-19 in a 26-year-old Male	Ryan Wolsky
Considerations for Nasopharyngeal COVID-19 Testing in Patients with Altered Sinus Anatomy	Matthew Wu
Avascular Necrosis of the Hip with Truvada	Joey Wu
Legionnaires' disease in a healthy adult smoker complicated by massive pulmonary embolism resulting in cardiac arrest and subsequent disseminated intravascular coagulation	Robert Wysocki
Unexpected Pregnancy After Transitioning From OCP to NEXPLANON Implant	Irene Yau
When Medication Fails: Process of Care in Refractory Electrical Storm	Kai Yoshinaga



Primary Spontaneous Inferior Clival Cerebrospinal Fluid Leak	Kurtis Young
A Rare Case Of Candida Parapsilosis Infective Endocarditis In An Immunocompetent Patient	Osman Yousafzai
Challenging Case of Severe Rhabdomyolysis in COVID-19 Patient	Hani Yousef
Multisegmental pulmonary embolism post As26.COVID.S vaccination	Mubarak H Yusuf
Metastatic Gestational Choriocarcinoma: A Clinical Vignette	Emelyn Zaworski
Catheterization Gone Wrong: Foley Catheter In The Kidney	Nicholas Zingas

Health Systems Science

Poster Title	Participant
Patient Perspectives on Telemedicine During the COVID-19 Pandemic	Farhan Ahmad
Duration of office-based ophthalmology visits in a nationally representative sample	Joana Andoh
Prognostic factors associated with the completion of colorectal cancer screening in overdue patients	Michael Bacchus
A Comparison of Telemedicine and In-Office Primary Care HEDIS Quality Performance Measures During COVID-19	Derek J Baughman
Healthcare Price Transparency in Ophthalmology	Sean T Berkowitz
Connect for COVID-19: Assessing the Efficacy of a Student-Led Digital Connectivity Project	Janine Cadet
Patient-specific factors influencing adherence to follow-up imaging recommendations	Andres Calvillo
Patient Advocates' Perspectives on the Care of Sexual Assault Survivors in Chicago-Area Emergency Departments	Kristen Chalmers
Maturation of Telemedicine throughout the Pandemic: Experiences from Primary Care Practices	Logan Cho
Quantifying the Last 20+ Years of Physician Misconduct in the State of Missouri	Peter Eskander
Increasing Access to Medical/Psychiatric Evaluations for Asylum Applicants in the San Joaquin Valley (SJV)	Francisco Javier Gomez Alvarado
Barriers and Facilitators to Telemedicine Use: A Potential Role for Trust	Meghna Katta
POCUS: An Opportunity to Improve High Value Care Education in the Clinic Learning Environment	Rayghan Larick
Analyzing Differences in Hospital Outcomes and Demographic Trends of Hospitalized Patients with Obesity vs without Obesity	Jinal Makhija
Comparing Cost, Risk Factors, and Rates of Return in Admitted versus Discharged Emergency Department Patients with Uncomplicated Cholelithiasis using Statewide Linked Datasets	Michael Makutonin
Health Advocacy in Medical School: a Survey on Attitudes and Engagement in Clerkships	Samuel Massion



Impact of Telemedicine on Downstream Revenue of a Healthcare System during the COVID-19 Pandemic	Christopher Matthews
Risk Mitigation in US Climbing Areas	Jourdan Meltzer
Taking the O out of MONA - Decreasing Inpatient Oxygen Use	Alex Miller
Healthcare Disparities in Surgical Treatment of Rotator Cuff Disease	Ryan Moossighi
Remote Application of Electronic Medical Record Systems in Rural Honduran Communities	Genevieve Patrick
Neonatal Multicystic Dysplastic Kidney with Mass Effect: A Systematic Review	Samuel M Pettit
Features that Facilitate the Use of Health Information Exchange in the Clinical Setting	Ben Richter
Multilevel Factors Underlying Adolescent Retention and Disengagement in Global HIV Care: A Mixed-Methods Systematic Review	Nathan Risk
2021: Envisioning a Multi-Faceted Approach to Global Recovery from COVID-19	Ashley Sacks
Emergency Physician Activities During Clinical Care Are Dominated By The Computer	Kian Samadian
Developing a perinatal safety plan for families with maternal substance use	Christina N. Schmidt
The Cost of Vehicle Choice: Assessing the Out-of-Pocket Price of Topical Prescriptions by Formulation	Catherine Smiley
Optimizing Patient Outcomes During a Code Blue	Alexis Spangler
User Security Behavior Among Healthcare Professionals: A Comparative Approach	Sanjana Sundara Raj Sreenath
Periprosthetic Hip Fracture Care is Costlier for Non-White US Populations	Mitchell Thom
A Multidisciplinary and Innovative Approach to Food Insecurity in a Medical Resident Clinic	Shireen Usman
COVID-19's Telemedicine Revolution: Provider Attitudes and Barriers	Shannon M. Wentworth
Non-alcoholic steatohepatitis (NASH) Elastography versus Liver Biopsy	Caroline Wilson
The Use of Mobile Devices in Oculoplastic and Oral and Maxillofacial Surgery: A Systematic Review	Haniah A. Zaheer

Medical Education Innovation

Poster Title	Participant
The Effects of a Student-Run Anatomy Mock Practical in the Nervous System Course on Student Anxiety, Confidence, and Preparedness	Victoria Addis
DRME: Diagnosing Racism in Medical Education	Oluwatosin Adebisi



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Evaluating the Effectiveness of Early Exposure: Obstetrics and Gynecology Two-Week Virtual Elective	Elisabeth Adkins
Using Maslow's Expanded Hierarchy of Needs for Effective Interventions To Reduce Burnout	Farzana Z Ali
Relationship Between Step 2 CK Scores and the Length of Time Between Taking the National Board of Medical Examiners Subject Exams and Step 2 CK Exam Date within a Longitudinal Interleaved Clerkship Curriculum	Sabrina Antonio
Drivers of Subspecialty choices among Psychiatry Residents	Sivaranjani Ayyanar
Improving antibiotic stewardship in acute appendicitis through risk-based empiric treatment selection.	Wayne Bauerle
Pro-Bono Student Consulting: Development of a Platform to Improve Community Health and Disparities	Timothy Becker
Assessing the Mentorship of Aspiring Female Orthopaedic Surgeons: Where Can We Improve?	Sarah Bhattacharjee
Leveraging Augmented Reality with Advanced Imaging Techniques in Pediatric Cardiology	Eric Boeshart
The impact of grit on perceived stress and sleep quality in first year medical students	Alan Boyd
Results of a Pilot Workshop Series: Introduction to Addressing Racial Disparities in Maternal Health for Health Professionals	Sara Brenner
Medical Student Burnout by Race and Gender during COVID-19	Logan Briggs
Student-Led Effort to Incorporate Social and Structural Determinants of Health into Undergraduate Medical Education: Civic Engagement, Advocacy, and Anti-Racism	Lucy Brown
Gender Disparities Among Surgical Subspecialty Residency Program Directors	Adam Burton
Resident Burnout: The Impact of Isolation and Social Connectedness	Lauren Burton
Dare to lead: A leadership workshop for rising second-year residents	Charlotte Chaiklin
The Effects of COVID-19 on Orthopedic Surgery Training Programs in the United States	Shivan Chokshi
Utilizing a Case Based Escape Room Activity to Educate Fourth-year Medical Students on Principles of Advanced Cardiac Life Support	Nicholas B. Conway
The Effect of Point-of-Care Hemoglobin A1c Margin of Error on Type 2 Diabetes Management Decisions	Samuel Cook
Student Diversity Council (SDC) Wellness Mini-Grant: The Acute Solution to Improving Medical Student Mental Health	C. Kenzie Corbin
Assessing The Impact Of The COVID-19 Pandemic On Geographic Residency Placement Relative To Medical School Location	Cody Cotner
The Impact of Previous Healthcare Experience on the Practice of Medicine	Amy Cox
Pandemic Elective: A Model for Continuity of Direct-Patient Clinical Education during COVID-19 Pandemic	Alexandra da Silva
Does A Teaching Day Increase Medical Student Awareness of Extracorporeal Life Support?	Julie Dalton



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Medical student non-modifiable risk factors and USMLE Step 1 exam scores	Jenna Davison
Gross Anatomy Curriculum Delivered Virtually vs Hands-On Lab Dissection at Kansas City University: Quantitative Comparison of Outcomes and a Subjective Comparison of Satisfaction Using Surveys	M Scott Draper
Justice in Medicine: Expanding a Student-Initiated Justice Education Model Across Two Campuses	Jane Driano
Best Practices in Telehealth: A Qualitative Study of Medical Student and Preceptor Experience	Baila Elkin
Implementation of a Healthcare Disparities Curriculum at one Hematology/Oncology Fellowship Program	Muhammad Salman Faisal
Developing Well-Rounded Medical Students: The Pediatric Academic Medicine Summer Preceptorship Program	Alayna Garcia
Factors Associated with Higher Degree of Burnout Features in Medical Students Amidst the COVID-19 Pandemic	Alec Giakas
Resident Wellness and its Impact on Quality of Life: Our Experiences at the University of Minnesota Anesthesia Residency Program.	Liliana Goelkel Garcia
Virtual Reality as an Educational Tool for Teaching Congenital Heart Disease	Sawyer Goetz
Evaluating Student Perspectives for Unique Features of an Anatomy Education Program	Dennis Gross
A Comparison of the Experiences of Medical Students During the COVID-19 and 1918 Influenza Pandemics	Noah Harrison
Virtual residency interviews: a chance for equity and efficiency	John Lyon Havlik
The Underestimated Advantages of Pursuing a Preliminary Year in Pediatrics: Perspectives from Pediatrics-Preliminary Interns	Haley D. Heibel
Medical Students' Knowledge of and Attitudes Towards Sex Work in New Orleans, LA	Alexis Hernandez
Building equitable international access to 3d printed medical models and simulators	Michelle Higgins
Feasibility of a 3D Printed Nasopharyngeal Model for Nasal Bridle Simulation Training	Yu-Hui Huang
Gender differences among U.S. vitreoretinal surgical and medical retina fellowship program directors	Adrienne Jarocki
Understanding the Unique Mentorship Needs of Underrepresented Filipinx-American Students in Medicine	Marycon Chin Jiro
A New Model for Clinical Clerkship Curricula in Medical Schools	Michel Kabbash
Impact of Curricular and Non-Curricular Factors on Medical Student Specialty Choice	Naveen Karthik
Teaching Medical Spanish to Future Health Professionals A Needs Assessment at a U.S. Medical School	Nicole Kloosterman
A Small Group Approach to Explore the Multitudes of Physician Advocacy in Medical Education	Krisandra Kneer
Impact of a Public Health Emergency on Medical Student's: Experiences from NY During the Height of SARS-CoV-2	Leanna (Leif) Knight
Perception and experiences in educating medical students on compassion and empathy at the Medical College of Wisconsin	Devesh Kumar
A National Survey of US Medical School Curriculum on Human Trafficking	Yeonsoo Sara Lee



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Insulin Management for Hospitalized Patients with Type I Diabetes Mellitus: The Creation of a Quality Improvement Project	Emma Levine
First Year Medical Students' Perceptions and Use of Formal and Informal Curriculum Resources	Emily Littman
Error Occurrence in Death Certification: Improving Accuracy with Educational Intervention	Cara Logan
Year One: Reflections on Implementation of a Disabilities Curriculum for Medical Students	Aitan E. Magence
Impact of the COVID-19 Pandemic on Preclinical Student Well-being at UC Davis School of Medicine	Romir Maheshwary
Virtual Musculoskeletal Clinical Skills in the COVID-19 Era	Diana Martinez
Assessing healthcare provider knowledge of human trafficking.	Nicole E. McAmis
Virtual, Synchronous Cardiac Auscultation to Enhance Medical Students' Clinical Reasoning Skills	Erika Meleady Monasch
Comprehensive Exams vs. NBME System Exams: Better Predictor of USMLE Step 1 Performance?	Marvi Moreno
Unique Impacts of Opioid Overdose Prevention & Response Training on Medical Student Knowledge & Attitudes	Tabitha Moses
Perioperative Point-of-Care Ultrasound Use by Anesthesiologists	Abdullah Naji
A Six Week Program to Improve Performance on USMLE Board Exams	Alana C. Nichols
The Quality of Coronary Artery Bypass Grafting on YouTube	Bradley Nus
Disparities in Mental Health Resource Access and Utilization Amongst Students	Christy Nwankwo
Psychosocial Impact on Psychiatry Residents Treating Patients with Covid-19: A Qualitative Study	Marusa Obele
Creating an Unmatched Guide: The Identification And Evaluation Of A Collection Of Open Resources	Jessica Obi
Virtual Reality Improves Procedural Confidence and Knowledge in an Orthopaedic Surgery: A Randomized Control Trial	Mark Orland
Burnout and Wellness Quality Improvement Study in the College of Medicine at Northeast Ohio Medical University	Arjun Hasit Pandya
Scavenger Hunt: Helping Residents Find Their Way!	Fatemeh Parsian
Knowledge of sick day rules among patients and healthcare professionals in Isle of Man	Mohammed Afraz Pasha
EyeCan Learn Direct Ophthalmoscopy: The Feasibility of Model-based Instruction During COVID-19	Tyler Pfister
The Power of Words: Documentation to Improve Clinical Care	Aditi Rao
Teleurgent Care in the Department of Veteran Affairs: The Experience of Establishing a Virtual Care Rotation Between VISN 8's Clinical Contact Center and the University of Central Florida's College of Medicine	Shane Saifman
Patient Experience with Telemedicine in Adults with Congenital Heart Disease	Matthew Schreier



Difficult Conversations: A Student-Run Model for Ethically and Emotionally Challenging Discussions	Sahana Shankar
Creation of an Online Open-Access Medical Student COVID-19 Curriculum	Derek Soled
Meditation: A Tool to Increase Dispositional Mindfulness in Medical Trainees	Kelsey Stefan
Care Across the Gender Spectrum: Developing a Transgender Health Curriculum in the Obstetrics & Gynecology Clerkship	Monica Stretten
Teaching financial literacy to graduating medical students	Christopher Rufus Sweeney
An Interactive Tutorial for Professional Research Readiness	Nicholas Tan
Healing the healers- a virtual peer mentorship platform providing holistic care for doctors in the digital age	Mahima Viswanathan
A Pilot Study Demonstrating the Importance of Trauma-Informed Care Training In A Medical Curriculum	Marshall Wallace
Seeking equity, how accessible are Pathway Programs in LCME Medical Schools to minoritized students?	Claire Westermeyer
More Than Skin Deep: An Assessment of Skin Color Representation in the AAD Basic Dermatology Modules	Michelle Williams
Current Gaps in Medical Education as Illustrated by the COVID-19 Pandemic: Interviews with Physicians Across Various Medical Specialties	Stephanie Yu
Using Team-Based Learning as A Method to Acquire Cardiac Ultrasound Skills During Preclinical Medical Education: A Pilot Study	Cynthia Zheng

Public Health and Health Policy

Poster Title	Participant
COVID Vaccine Interest in the Lubbock Homeless Population	Jonathan Abraham
A Focus on the Future of Opioid Prescribing: Implementation of a Virtual Opioid & Pain Management Module for Medical Students	Jenna Renee Adalbert
Associations of Urinary Phlatates and MYopia	Obianuju Akaniru
Temporal Trends and Gender Disparities in Oral Anticoagulation Utilization in Atrial Fibrillation	Hassan Alhassan
Neuroimaging and neurological findings in patients with COVID-19: a systematic review	Muhammad Danyal Altaf
Role of progesterone in nicotine withdrawal symptoms: A systematic review	Madiha Ariff
A Call for Proactive Measures to Thwart the Looming Physician Shortage Crisis	Dhishant Asarpota
A closer look at COVID-19 testing among the pediatric population living along the Texas-Mexico border	Naba Asif
Predictors of Cancer Genetic Screening In the United States: An Analysis of the HINTS Survey	Chisom Asuzu
An Analysis of Language Used to Describe Dermatologic Pathologies in Skin of Color in Medical Textbooks	Payge Barnard
Gallbladder and other biliary tract cancers amongst different income-group countries.	Khushboo Bhatia



Stratified Analysis of Diabetes in Hispanic/Latinx Population Within Greater Augusta, GA Area	Alfredo Botet
BMI and Physical Activity in Adolescents Before and During the COVID-19 Pandemic	Easton Brewer
Association of USA Google Trends Score for DSM-V Prevalent Disorders and Suicide Frequency	Pierce Brody
The Impact of Adverse Child Experiences (ACEs) on Maternal and Infant Perinatal Health in Chicago	Victoria Buckman
School Food Environments: Patterns of Change, 2010-2018	Theresa Bui
Effects of Maternal COVID-19 mRNA Vaccination on Breastfed Children	April Castillo
Trends in adoption of telehealth among primary care clinicians across Southeast US amidst COVID-19 pandemic	Priyanka Chaudhari
Number of Mild COVID-19 Symptoms and Treatment-Seeking Behavior During the COVID-19 Pandemic	Shannon Chen
Identifying Health Disparities Among Underserved Populations in Kansas City During the COVID-19 Pandemic	Lauren Chi
The Impact of Travel Time on Disparities in the Treatment of Early-stage Hepatocellular Carcinoma	Darius Chyou
A Comparison of Informed Consent Standards: How the Reasonable Physician and Patient Standards Correlate to Medical Malpractice Rates	Peter Cirrincione
Understanding Health Literacy and Access to Cervical Cancer Screening at Free Community-Based Medical Programs	Katherine Cooper
Improvements in Psychosocial Factors among African Americans using an mHealth Lifestyle Intervention	Jissy Cyriac
Screening Dementia; It is Time for a Test Guide: A Systematic Review	Lubaba Dahab
Relationship between pre-existing allergies and anaphylactic reactions post mRNA COVID-19 vaccine administration	Aditya Desai
Is Marijuana a Gateway Drug? A Retrospective Analysis of US Adolescents	Saral Desai
Case Investigation and Contact Tracing at Three Arizona Universities During the COVID-19 Pandemic"	Martin Dufwenberg
Who should be the First Responders to Mental Health Crises and how can we Protect Vulnerable Populations? A Historical Analysis	Neel Duggal
Correlation between understanding of social distancing and information sources during COVID-19	Priyata Dutta
Smoking Habits Among Armenian Americans	Sosi Dzhugarian
Pervasion of Racist Terminology in Medical Literature	Sarah Edwards
Impact of COVID-19 on Patient Presentation to the Emergency Department	Kianna Eurick-Bering
The Profit Margin Differences Among Total Joint Arthroplasty Procedures	Christopher J. Fang
Impact of Prenatal Cannabis Exposure on Functional Connectivity of the Salience Network and Other Core Neurocognitive Networks	Mohammed Faraj
Geospatial Visualization of Neighborhood Factors and School-Based Asthma Initiatives in Tarrant County	Ariane Felicitas



Dietary Polyphenols and Colorectal Cancer Risk in the Southern Community Cohort Study	Landon Fike
An Assessment of the Impact of Breastfeeding Education and Health Coaching on Breastfeeding Patterns Using a Digital Platform in African American Women in Nashville, TN	Aliah L Fonteh
Exploring the Association Between Maternal Education Level and Hypertensive Disorders of Pregnancy in a Black Urban Community	Monica Friedman
Analysis of the socioeconomic inequalities of the COVID-19 pandemic in Massachusetts	David X. Gao
Logic Model for Culturally-Informed Public Health Interventions with the Haitian-American Community in Miami, FL	Irene Goo
An Investigation of COVID-19 Vaccine Hesitancy within Rural Regions of North Carolina	Celeste Gracey
Utilization of Telemedicine in Different Specialties During COVID-19	Joel Grunhut
COVID-19 Emergency Response to Pregnancy and Postpartum Project: Birthing During COVID-19 Toolkit	Anwei Gwan
Understanding Influenza Vaccination Declination in Adults in a Primary Care Setting in Mid-Michigan	Aleen Hajek
Depressive Symptoms and Barriers to Mental Health Care in Gracias a Dios, Honduras	Brooke Hartenstein
Barriers to the Breast for Babies: A Flint Public Health Crisis	Kathryn Alexandra Hay
Investigating the Effectiveness of a Mindfulness Based Stress Reduction Course Within Healthcare: A Qualitative Methods Study	Patrick Herndon
A Cross-Cultural Analysis of the COVID-19 Pandemic's Impact on Antenatal Healthcare Seeking Behaviors in Ghana and the United States	Phoebe Huang
Racial and sociodemographic disparities in COVID-19 related psychosocial distress. Understanding Barriers To Access And Opportunities For Telemedicine In Underserved Urban Communities	Jasmin Hundal
Pivoting to a Multidisciplinary Virtual Health Fair With the Compassion Clinic	Joseph Igwe
Socio-demographic Disparity in Cervical Cancer Among West Texas Women	Hannah Jagers
The Risk of COVID-19 Transmission Upon Return to Sport: A Systematic Review	Brooke Jensen
Disparities in Knee Arthroplasty Faced by African Americans	Lori Jia
Factors involved in diabetes mellitus prevalence and management among Blacks and Hispanics in New York City (NYC): Findings from the 2018 NYC Community Health Survey (CHS)	Jared Jones
Stress, Anxiety and Disturbances in Sleep Quality Among Family Members of COVID-19 Patients	Katerina Jou
Knowledge, Attitudes & Perception of COVID-19 vaccination among healthcare workers of NYC hospitals	Oroshay Kaiwan
	Amnah Khalid



A Retrospective Analysis of the Impact of CenteringPregnancy on Birth and Mental Health Outcomes Among Pregnant Adolescents in the Greater Boston Area	Anna Kheyfets
Industry vs NIH's role in the clinical development of pharmacologic agents from 2000-2020	Brian Kocak
The Association of Health Insurance with the Survival of Patients with Brain Metastases at Diagnosis	Alex Kolomaya
Evaluation of an After-School Exercise and Wellness Program on Children's BMI, Self-Efficacy, Self-Value, Stress, Tiredness, and Attitudes Towards Exercise	Allison Kranyak
Establishing Prescription Drug Affordability as a New Vital Sign in Primary Care	Rita K. Kuwahara
Breastfeeding Education Support Tool for Baby (BEST4Baby): Feasibility, acceptability, and preliminary impact of an mHealth supported breastfeeding peer counselor intervention in rural India	Parth Lalakia
Racism as a Public Health Crisis: A Qualitative Case Series of Public Health Responses in the D.C.-Maryland-Virginia Area	Matthew Lamberti
Income Levels, Biopsies, and Utilization in Dermatology	Bonnie Leung
Access to Vision Services in the State of Georgia	Samuel Levant
Healthy Minds Healthy Bodies: A Characterization of Health Care Disparities in the Hispanic/Latino Population in Southeastern Minnesota	Laura Maciejko
The Role of Race in Rating and Review of Plastic Surgeons on Consumer Review Platform Yelp	Erica Mark
COVID-19's Impact on Telehealth Usage in Rural Health Clinics across the United States	Christopher Marshall
A Scoping Review of Congenital Heart Defects Treated with Fetal Surgery or Pediatric Surgery in LMICs	DeCoria McCauley
Trends in Sports and Ball-Related Ocular Trauma in the Emergency Department from 2010 to 2019	Divy Mehra
Is Transplantation Google Search Frequency Impacted by Annual UNOS Waitlist Incidence?	Mehul Mehra
Beliefs and Reality of Marijuana Usage and its Effects on Pregnancy	Sasmith Menakuru
A 2002-2020 Analysis of Partisan Contributions Donations from the Top Three Greatest Donating Surgical Political Action Committees	Benjamin Meyer
Impact of Residential Neighborhood and Race/Ethnicity on COVID-19 Hospitalized Patients in the Bronx	Dwayvania Miller
Association Between Socioeconomic Factors and Influenza Vaccination Rates During Pregnancy	Michaela Mills-Rudy
The experience of stress during the COVID-19 pandemic across five rural health care institutions	Kirsten Myers
Women's Reproductive Health Issues in the Context of Celiac Disease: The DO perspective	Taylor Nunes
Gallbladder Cancer Incidence and Mortality in The United States: Are we making any headway?	Kenji Okumura
Making Meaningful Use of Price Transparency Data: Describing Price Variation of Spine Surgery and Imaging in a Single Market	Michael O Olufawo



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How time in the US and race/ethnicity shape parents feeding practices and child's diet	Sally Othman
A Quality Outcomes Improvement Study on Outpatient Pulmonary Rehabilitation in Post-COVID-19 patients	Trishna Parikh
Differences in Race and Ethnicity in Access to Health Care Among Pediatric Patients	Riya Patel
Racial Differences in Breast Cancer Screening Rates in the United States	Krupa Patel
Three decades in the making: What is the long-term impact of a community-based participatory research (CBPR) project on enhancing community capacity?	Vy Tran Plata
Community Health Fairs: Who Attends and Why	Christopher Price
Increased Colonoscopy Screening and Surveillance Disparities During the COVID-19 Pandemic	Helena Randle
Food Bank Client Survey Design: A Review of Factors to Consider	Varun Rao
Interpreter Services for Birthing People in North Carolina: A Policy Analysis	Samantha Rea
Characterization of Litigation After Tonsillectomy in the United States	Alyssa Reese
Establishment of an Interdisciplinary Heart Failure Clinic for Unfunded Patients	Jenna Reisler
Quality of Care in US Safety-Net Hospitals: A Systematic Review	Olivia Reszczyński
Impact of "Opt-Out" Behavioral Economic Technique on Patient Decisions	Andrew Reuter
Coordinating healthcare students to respond to the COVID-19 pandemic	Alex Richard
Obesity Trends Amongst Hispanic/Latinx Community Within Greater Augusta,GA Area	Maryam Robinson
Arthritis, pain, and frailty among older Mexican Americans	Marielle Rominger
Analyzing the Privacy Threat to a Semi-Anonymous Online Medical Forum Based off of Username Linkage	Ayush Sangari
An Osteopathic Assessment of Lower Extremity Somatic Dysfunctions in Runners	Abbey Santanello
Understanding Urologists' Distress about Delaying Cancer Care During the First Wave of the COVID-19 Pandemic	Aashima Sarin
Hospitalist attitudes towards collaborative patient-centered care to decrease leaving before treatment completion for people who use opioids	Nazanin Sarpoulaki
Knowledge Of Teenagers And Young Adults About Covid-19 And Compliance With Social Distancing Guidelines: An Online Survey	Anahita Sattari
Trends in Pediatric Obesity of School-Aged Children During the COVID-19 Pandemic	Maryanna Schweininger
COVID-19 Vaccination and Infection Rate Among Somali-American Community	Mona Mohammed Nur Sheikh
Endocrine Disrupting Effects of Fragrances in the Pediatric Population: A Systematic Review	Taha Ali Siddiqui
Measuring Vaccine Acceptance and Knowledge within Health Professions Education	Harmandip Singh



Hispanic Patients and older adults underutilize electronic health portals in Rheumatology practice	Neenu Sukumaran
Factors Facilitating Academic-Community Research Partnerships With African-American Churches: A Community-based, Cluster Randomized Trial For Cardiovascular Health Promotion	Kristene Tadese
Recommended D-Dimer Use in Suspected PE is Insufficient to Curb the Long-Term Overuse of CT Pulmonary Angiography	Jarren Takaki
Seeing Beyond the Healthy Immigrant Paradox: A Study of the Association between Nativity and Obstetrical Outcomes"	Tristen TzeYin Tang
Demographic Bias in Opioid Use Disorder Clinical Trials	Emily Jane Taylor
Identifying Barriers in the HCV Care Cascade: A Retrospective Chart Review	Jenny Thai
Evaluating Patient Perceptions of Direct Primary Care: A Qualitative Study	Leila Tou
Primary Care PrEP Prescribing Practices: Southern United States	Daryl Traylor
Improve Follow-up Rates for Newborn Hearing Evaluation: a Virtual Quality Improvement Project	Kristine Basto Vo
Lung Cancer Mortality in the United States-Mexico Border Area: An Interesting Enigma	Namrata Walia
Impact of Disparities on COVID-19 Positive Patient Clinical Course and Outcomes in Louisiana	Jeremy Watson
Stratified Analysis of Hypertension in Hispanic/Latinx Population Within Greater Augusta, GA Area	Nicholas Weinand
Health Inequities Among Persons of Color During the SARS COV2 Outbreak	Polly Wiltz
Food Insecurity During the COVID-19 Pandemic: A Spotlight on Latinx Communities	Sarah Yosief
Gender-Specific Trends in Cardiovascular Mortality in Diabetic Patients in the United States	Anas Al Zubaidi