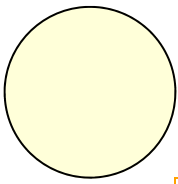




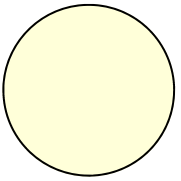
APPENDIX II
ACTIVE GRANTS & STUDIES



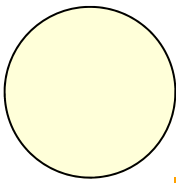
BURN / SURGERY / TRAUMA

| Program / Project Title | Funder/Sponsor | Project Manager/ Principal Investigator | Category |
|--|---------------------------|--|------------------------|
| A Case-Controlled Retrospective Review of Burn Patients Failing Initial Outpatient Management | Investigator Initiated | Karen Richey, RN, BSN | Investigator Initiated |
| A Comparative Study of the ReCell Device and Autologous Split-thickness Meshed Skin Graft in the Treatment of Acute Burn Injuries. | Avita Medical Americas | Kevin Foster, MD | Industry Sponsored |
| A Comparison of Burn Patients' Fears at Time of Hospital Admission and Discharge | Investigator Initiated | Karen Richey, RN, BSN | Investigator Initiated |
| A Comparison of Donor Site Dressing Protocols in Burn Patients Requiring Split-Thickness Skin Grafting | Investigator Initiated | Kevin Foster, MD | Academic Research |
| A Comparison of Parental Fears of Pediatric Burn Patients at Time of Hospital Admission and Discharge | Investigator Initiated | Robert Bennett, RN | Non-Sponsored |
| A multicenter retrospective study to evaluate the effect of standard of care treatment in patients diagnosed with necrotizing soft tissue infections (NSTI) | Atox Bio Ltd. | Kevin Foster, MD | Sponsored |
| A Phase 2, Randomized, Single-Blind, Controlled Trial of Topical Fibrocaps™ (Raplixa) in Intraoperative Surgical Hemostasis in a Pediatric Population | ProFibrix, Inc. | Kevin Foster, MD | Industry Sponsored |
| A Prospective Comparison of Bi-vent (Airway Pressure Release Ventilation) and VDR 4 (Volume Diffuse Respirator) for Ventilation of Adult Patients with Inhalation Injury | Investigator Initiated | Kevin Foster, MD | Academic Research |
| A Prospective Review of Burn Patients Failing Initial Outpatient Management | Investigator Initiated | Karen Richey, RN, BSN | Academic Research |
| A Randomized Clinical Trial of Restrictive vs. Traditional Blood Transfusion Practices in Burn Patients (Transfusion Trigger-Blood Transfusion Practices) | American Burn Association | Michael Peck | Academic Research |

BURN / SURGERY / TRAUMA



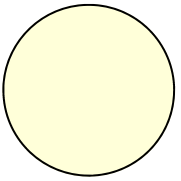
| Program / Project Title | Funder/Sponsor | Project Manager/ Principal Investigator | Category |
|---|--------------------------------|--|------------------------|
| A Randomized, Blinded Placebo and Standard of Care Controlled Efficacy, Safety, and Tolerability Study of up to 20mL of DFA-02 in Patients Undergoing Abdominal Surgery | Dr. Reddy's Laboratories, Ltd. | Ross Goldberg | Industry Sponsored |
| A Randomized, Double-Blind, Parallel-group, Vehicle and Standard of Care-controlled Phase 3 Clinical Trial to Evaluate the Efficacy and Safety of DSC127 in Treating Non-healing Foot Ulcers in Subjects with Diabetes Mellitus | Derma Sciences, Inc. | Bryan Roth | Industry Sponsored |
| A Retrospective Review of Antibiotic Usage in Burn Patients | Investigator Initiated | Karen Richey, RN, BSN | Investigator Initiated |
| A Retrospective Review of Patients Diagnosed with Idiopathic Granulomatous Mastitis | Investigator Initiated | Ian Komenaka, MD | Investigator Initiated |
| A Retrospective Review of Predictors of Receiving a Breast Conserving Operation Compared to a Mastectomy for Breast Cancer | Investigator Initiated | Ian Komenaka, MD | Non-Sponsored |
| A Retrospective Study to Evaluate Bony Union and Upper Extremity Function Following Internal Fixation of Diaphyseal Forearm Fractures in Adults | Investigator Initiated | Kurtis Staples, MD | Investigator Initiated |
| A Review of Operative Treatment of Delayed Presentation Acute Cholecystitis | Investigator Initiated | Ross Goldberg | Resident |
| AAST Multicenter Prospective Observational Study of Trauma Patients on Novel Oral Anticoagulants | Investigator Initiated | Tammy Kopelman, MD | Investigator Initiated |
| Airway Risk Associated with Halo Fixation in Patients with Cervical Spine Injury | Investigator Initiated | Brant Kirk, MD | Investigator Initiated |



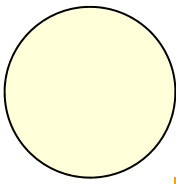
BURN / SURGERY / TRAUMA

| Program / Project Title | Funder/Sponsor | Project Manager/ Principal Investigator | Category |
|---|-------------------------------------|--|------------------------|
| An Open-Label, Controlled, Randomized, Multicenter, Dose Escalation Study Evaluating the Safety and Efficacy of StrataGraft Skin Tissue in Promoting the Healing of the Deep Partial-Thickness Component of Complex Skin Defects as an Alternative of Autografting. | Stratatech Corporation | Kevin Foster, MD | Industry Sponsored |
| Are Burn-Injured Youth at Risk for Anxiety Disorder after Acute Burn Care Hospitalization and if so are Parents aware of the Problem? | Investigator Initiated | Ruth Rimmer, PhD | Non-Sponsored |
| Assessment of Health Literacy in Surgical Patients. | Investigator Initiated | Ian Komenaka, MD | Investigator Initiated |
| Assessment of Understanding of Sentinel Lymph Node Biopsy Procedure at the Time of the Consent Process. | Investigator Initiated | Ian Komenaka, MD | Academic Research |
| Biologic and clinical outcomes of induced membrane technique for the treatment of segmental bone defects | Investigator Initiated | Kurtis Staples, MD | Investigator Initiated |
| Biospecimen Collection and Banking of Tissue and Saliva (iDASH - Integrating Data) | University of California, San Diego | Ian Komenaka, MD | Sponsored |
| Burn Mortality in Patients Age 75 or Greater | Arizona Burn Center | Daniel Caruso, MD | Investigator Initiated |
| Burn Patient Acuity Demographics, Scar Contractures and Rehabilitation Treatment Time Related to Patient Outcomes (ACT) | American Burn Association | Michael Peck | Academic Research |
| Comparison of Recovery, Complication Rate and Length of Stay in Patients with Acute versus Chronic Cholecystitis | Investigator Initiated | Lauren Wikholm | Academic Research |

BURN / SURGERY / TRAUMA



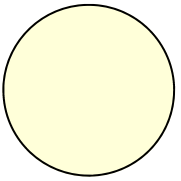
| Program / Project Title | Funder/Sponsor | Project Manager/ Principal Investigator | Category |
|---|---------------------------|--|------------------------|
| Compassionate Use of ReCell® Autologous Cell Harvesting Device for the Treatment of a 21 year-old female (TDR) and 32 year-old male (ZB) With Extensive Burn Injuries | Investigator Initiated | Kevin Foster, MD | Compassionate Use |
| Cranioplasty for repair of craniofacial defects. Patient Specific Implants. | Investigator Initiated | Charalambos (Babis) Rammos | Non-Sponsored |
| Current Management, Clearance and Intervention in Cervical Spine Trauma at MIHS | Investigator Initiated | Iman Feiz-Erfan, MD | Investigator Initiated |
| Determining the Optimal Peak Anti-Xa Range for DVT Prophylaxis | Investigator Initiated | Tammy Kopelman, MD | Investigator Initiated |
| Development of an Inhalation Injury Scoring System to Predict Severity of Inhalation Injury (ISIS) | American Burn Association | Kevin Foster, MD | Research Grant |
| Development of An Inhalation Injury Scoring System. | Investigator Initiated | Kevin Foster, MD | Academic Research |
| Diagnosing Ventilator-Associated Pneumonia in Burn Patients: Endotracheal Aspirates Versus Bronchoalveolar Lavage. | Investigator Initiated | Kevin Foster, MD | Non-Sponsored |
| Does A Radiographic McBurney's Point Exist? | Investigator Initiated | Meredith Heberer | Investigator Initiated |
| Does Decompressive Craniotomy Improve Outcome After Traumatic Brain Injury? | University of Utah | Iman Feiz-Erfan, MD | Academic Research |
| Effectiveness of an 8 Day Course of Antibiotics for the Treatment of Ventilator- Associated Pneumonia | Investigator Initiated | Tammy Kopelman, MD | Academic Research |



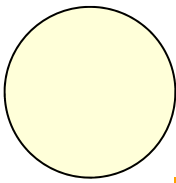
BURN / SURGERY / TRAUMA

| Program / Project Title | Funder/Sponsor | Project Manager/ Principal Investigator | Category |
|--|------------------------|--|-------------------------------|
| Epicel (cultured epidermal autografts) HDE | Genzyme Corporation | Daniel Caruso, MD | Humanitarian Device Exemption |
| Evaluation of Factors Which Affect Patient's Consent to Biobanking | Investigator Initiated | Ian Komenaka, MD | Investigator Initiated |
| Evaluation of SIRS Criteria During Burn Resuscitation | Investigator Initiated | Kevin Foster, MD | Investigator Initiated |
| Glass Fronted Gas Fireplace | University of Iowa | Daniel Caruso, MD | Academic Research |
| Implementation of Cancer Risk Assessment and Genetic Testing is Feasible and can Significantly Impact Management of Underinsured Patients at a Safety Net Institution. | Investigator Initiated | Ian Komenaka, MD | Investigator Initiated |
| Incidence of Advanced Stage Pressure Ulcers Caused by Halo Immobilization | Investigator Initiated | Melissa Hoffman | Investigator Initiated |
| Incidence of Complications in Trauma Patients of Native American Descent: The Maricopa Integrated Health System Trauma Center Experience | Investigator Initiated | Patrick O'Neill, PhD, MD | Non-Sponsored |
| Initial Evaluation of Non-Verbal Pediatric Trauma Patients - Is total Body CT Imaging Indicated? | Investigator Initiated | Tammy Kopelman, MD | Resident |
| Management of Burn Scars: A Pilot Study of Combined Salicylic Acid Cream and Hydrogel Therapy Compared to Eucerin Lotion | Firefighters | Kevin Foster, MD | Research Grant |
| Markers of Mortality in Trauma: Does it Start in the Trauma Bay? | Investigator Initiated | Tammy Kopelman, MD | Investigator Initiated |

BURN / SURGERY / TRAUMA



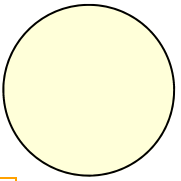
| Program / Project Title | Funder/Sponsor | Project Manager/ Principal Investigator | Category |
|--|---|--|------------------------|
| Misdiagnosed Epidural Hematomas | Investigator Initiated | Albert Roh | Non-Sponsored |
| Molecular Assessment of Burn Wound Microflora (Burn Wound Genomic Analysis) | Translational Genomics Research Institute | Kevin Foster, MD | Sponsored |
| Molecular Genetics Studies of Cancer Patients and Their Relatives | City of Hope National Medical Center | Ian Komenaka, MD | Research Grant |
| Monitoring of Brain Tissue Oxygen Tension in Severe Head Injured Patients | Investigator Initiated | Iman Feiz-Erfan, MD | Investigator Initiated |
| Morbidity and Mortality in Stevens-Johnson Syndrome and Toxic Epidermal Necrolysis | Investigator Initiated | Kevin Foster, MD | Non-Sponsored |
| Night Float Schedule Survey | Investigator Initiated | Melissa Pressman, PhD | Investigator Initiated |
| Non Operative Management of Peritonsillar Abscess and Development of a Peritonsillar Abscess Protocol based on a scoring system | Investigator Initiated | Randy Oppenheimer, MD | Non-Sponsored |
| Nursing Evaluation of Feeding Tube Placement with Electromagnetic Sensing Device in Surgical Intensive Care Unit Patients | Investigator Initiated | Starre Haney, RN | Non-Sponsored |
| Parachute Injuries in a Level One Trauma Center: Is there a Difference Between Military and Civilian Parachute Injuries? Sky Diving 101. | Investigator Initiated | Marc Matthews, MD | Non-Sponsored |
| Pediatric Burn Injuries: Case Studies in Abuse versus Non-Abuse. | Investigator Initiated | Marc Matthews, MD | Non-Sponsored |
| Pediatric Patients and Radiation Exposure: A Retrospective Review | Investigator Initiated | Kevin Foster, MD | Non-Sponsored |



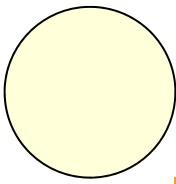
BURN / SURGERY / TRAUMA

| Program / Project Title | Funder/Sponsor | Project Manager/ Principal Investigator | Category |
|---|------------------------|--|------------------------|
| Predictors of Surgical Infections in Breast Operations | Investigator Initiated | Ian Komenaka, MD | Non-Sponsored |
| Presumptive Antibiotics in Tube Thoracostomy for Traumatic Hemopneumothorax: A Prospective, Multicenter American Association for the Surgery of Trauma Study | Investigator Initiated | Paola Pieri, MD | Academic Research |
| Procalcitonin as a predictive biomarker for osteomyelitis in diabetics | Investigator Initiated | Justin Hooker | Academic Research |
| Prospective study of MammaPrint in breast cancer patients with an Intermediate recurrence Score (PROMIS) | Agendia, Inc. | Ian Komenaka, MD | Industry Sponsored |
| ProTECT™ III Progesterone for the Treatment of Traumatic Brain Injury | University of Arizona | Patrick O'Neill, PhD, MD | Academic Research |
| Reduction in Major Amputation Rates at Maricopa Medical Center Since Inception of Podiatry | Investigator Initiated | Kate Johnson | Investigator Initiated |
| Retrospective Chart Review of the Activity and Mobility of Patients Admitted to the Burn Intensive Care Unit | Investigator Initiated | Kevin Foster, MD | Investigator Initiated |
| Retrospective Review of Length of Narcotic and Anti-Anxiety Medication Usage of Patients with a 15% or Greater Total Body Surface Area Burn Discharged from the Arizona Burn Center | Investigator Initiated | Ruth Rimmer, PhD | Investigator Initiated |
| Review of brachial plexus injuries in the burn population | Investigator Initiated | John Porter, MD | Investigator Initiated |
| Review of Clivus Fractures | Investigator Initiated | Iman Feiz-Erfan, MD | Investigator Initiated |

BURN / SURGERY / TRAUMA



| Program / Project Title | Funder/Sponsor | Project Manager/ Principal Investigator | Category |
|--|---------------------------|--|------------------------|
| Review of Early Ambulation for Patients with Lower Extremity Autografts | Investigator Initiated | David Lorello | Investigator Initiated |
| Review of the Etiology of Urinary Tract Fistulas and Management Outcomes | Investigator Initiated | Kaveh Homayoon | Investigator Initiated |
| Screening for Depression and Anxiety in the Adult Burn Patient in the Burn Clinic - Pain and Coping Style Contributing Factors? | Investigator Initiated | Ruth Rimmer, PhD | Investigator Initiated |
| Sedation Management of Burn Patients: A Retrospective Review of Sedation Use in Burn Patients and a Prospective Survey of Healthcare Providers. | Investigator Initiated | Kevin Foster, MD | Investigator Initiated |
| Surgical Infection Society (SIS) Multi-center Study of Duration of Antibiotics for Intra-Abdominal Infection | University of Virginia | Patrick O'Neill, PhD, MD | Research Grant |
| The American Burn Association's Randomized Controlled Evaluation of Hemofiltration in Adult Burn Patients with Septic Shock and Acute Renal Failure (RESCUE) | American Burn Association | Daniel Caruso, MD | Academic Research |
| The Incidence of Undiagnosed Diabetes in Thermal Burn Patients | Investigator Initiated | Kevin Foster, MD | Non-Sponsored |
| The Incidence of, and Risk Factors Associated with Deep Venous Thrombosis in Burn Patients | Investigator Initiated | Kevin Foster, MD | Academic Research |
| The Use of Body Imaging as a Screening Tool for Spinal Trauma | Investigator Initiated | Tammy Kopelman, MD | Non-Sponsored |
| Time to Re-exploration and Primary Fascial Closure after Damage Control Surgery | Investigator Initiated | Paola Pieri, MD | Non-Sponsored |



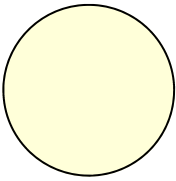
CARDIOLOGY

| Program / Project Title | Funder/Sponsor | Project Manager/ Principal Investigator | Category |
|--|----------------------------|--|-------------------------------|
| A randomized, double-blind, placebo-controlled, event-driven trial of weekly low-dose methotrexate (LDM) in the prevention of recurrent cardiovascular events among stable post-myocardial infarction patients with type 2 diabetes or metabolic syndrome (CIRT Study) | Brigham & Women's Hospital | Christian Breburda, MD | Academic Research |
| Circulating Oxidized HDL can be Correlated to Clinical and Diagnostic Variables of Coronary Artery Disease in Patients with Acute Coronary Events. | Investigator Initiated | Christian Breburda, MD | Academic Research |
| GraftMaster RX Coronary Stent Graft System Humanitarian Device (formerly known as JOSTENT Coronary Stent Graft Humanitarian Device) | Jostent | Mehrdad Saririan, MD | Humanitarian Device Exemption |

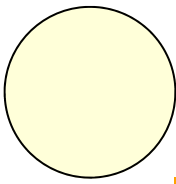
EMERGENCY MEDICINE

| Program / Project Title | Funder/Sponsor | Project Manager/ Principal Investigator | Category |
|---|----------------------------|--|------------------------|
| A Phase III Multicenter Clinical Trial of Analatro (Antivenin Latrodectus (Black Widow) Equine Immune F(ab)2] in Patients with Systemic Latrodectism. | Denver Health and Hospital | Dany Kin Quan, DO | Industry Sponsored |
| A Randomized Trial of IV Ibuprofen and Morphine Combination Therapy in Patients Presenting to the Emergency Department with Renal Colic | Investigator Initiated | Dany Kin Quan, DO | Investigator Initiated |
| Acute Bacterial Skin and Skin Structure Infection (abSSSI) Practice Pattern Assessment | Durata Therapeutics | Frank LoVecchio, DO, MPH | Sponsored |

EMERGENCY MEDICINE



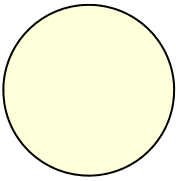
| Program / Project Title | Funder/Sponsor | Project Manager/ Principal Investigator | Category |
|--|---|--|------------------------|
| Anascorp Single Vial, Serial Dosing for the Treatment of Scorpion Envenomation | Investigator Initiated | Dany Kin Quan, DO | Investigator Initiated |
| ARTAS (Anti-Retroviral Therapy & Access to Services) - Linkage to Care Case Management for previously diagnosed HIV+ patients | Department of Health & Human Services, Centers for Disease Control & Prevention | Judy Norton | Health Grant |
| Bedside Ultrasound Evaluation of Optic Nerve Sheath Diameter as a Predictor of Increased Intracranial Pressure in the Treatment of Pediatric Diabetic Ketoacidosis | Investigator Initiated | Teresa Wu | Resident |
| Biomedical Advanced Research & Development Authority (BARDA), Biodefense Medical Countermeasure Development | Department of Health & Human Services, Office of the Secretary | Frank LoVecchio, DO, MPH | Research Grant |
| Clinical Significance of the Electrocardiographic U Wave | Investigator Initiated | John Sarko, MD | Non-Sponsored |
| Comparison of the Effectiveness of Ultra-Brief and Brief Hands-Only CPR Video Training, with and without Psychomotor Skill Practice for Lay Responders: A Controlled Randomized Study. | American Heart Association | Bentley J. Bobrow, MD | Academic Research |
| Correlation Between Attitudes Toward Prenatal Care and ED use by Pregnant Women | Investigator Initiated | Patricia Bayless, MD | Non-Sponsored |
| D-Dimer DVT/PE Exclusionary Sample Collection Project (Specimen Acquisition Agreement) | Siemens Healthcare | Frank LoVecchio, DO, MPH | Industry Sponsored |
| Distinguishing the Sonographic Appearance of Chronic Lung Disease from Pneumothorax | Investigator Initiated | Teresa Wu | Resident |
| Emergency Department Safety Assessment and Follow-up Evaluation (ED-SAFE) | University of Massachusetts | Frank LoVecchio, DO, MPH | Research Grant |



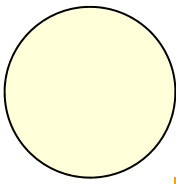
EMERGENCY MEDICINE

| Program / Project Title | Funder/Sponsor | Project Manager/ Principal Investigator | Category |
|--|--|--|---------------------------|
| Interchangeability of the i-STAT Point of Care Analyzer with Central Laboratory Testing in an Emergency Department Setting | Investigator Initiated | John Sarko, MD | Non-Sponsored |
| IV Hydration and Bladder Volume Required to Achieve Diagnostic Transabdominal Pelvic U/S in Women | Investigator Initiated | Frank LoVecchio, DO, MPH | Non-Sponsored |
| Measurement of Ventilation Produced by Chest Compressions Alone during Cardiac Resuscitation. | Investigator Initiated | Bentley J. Bobrow, MD | Non-Sponsored |
| MIHS Emergency Department CPR Quality Improvement Project. | Investigator Initiated | Bentley J. Bobrow, MD | Non-Sponsored |
| National Emergency Airway Registry III | Investigator Initiated | Frank LoVecchio, DO, MPH | Academic Research |
| Prevalence and Risk Factors for Community-Associated Clostridium difficile-Associated Disease among Patients in the Emergency Department (EMERGENCY ID NET - C diff Study) | University of California, Los Angeles School of Medicine, Olive View- ERI | Frank LoVecchio, DO, MPH | Academic Research |
| Prevalence of Medical Marijuana Use Among Patients Admitted to A Trauma Center | Investigator Initiated | Frank LoVecchio, DO, MPH | Non-Sponsored |
| Prevalence of Pathogens in Cerebrospinal Fluid obtained from Emergency Department Patients (EMERGENCY ID NET - Pathogens in CSF) | University of California, Los Angeles School of Medicine, Olive View- ERI | Frank LoVecchio, DO, MPH | Investigator Initiated |
| Protocolized Care for Early Septic Shock (ProCESS) | University of Pittsburgh | Frank LoVecchio, DO, MPH | Research Grant |
| Protocolized Goal-directed Resuscitation of Septic Shock to Prevent AKI (ProGReSS AKI - ProCESS Long-Term Follow-Up) | University of Pittsburgh | Frank LoVecchio, DO, MPH | Research Grant |
| Pupil Reactivity with RSI Drugs. | Investigator Initiated | Dany Kin Quan, DO | Investigator Initiated |

EMERGENCY MEDICINE



| Program / Project Title | Funder/Sponsor | Project Manager/ Principal Investigator | Category |
|---|--|--|------------------------|
| Retrospective Chart Review for the Emergency Department Safety Assessment and Follow-up Evaluation (ED-SAFE) | EM Net | Frank LoVecchio, DO, MPH | Academic Research |
| Surveillance and Risk Factor analysis of Community-Associated Uropathogen Antimicrobial Resistance among Emergency Department Patients with Acute Pyelonephritis in the United States (EMERGENCY ID NET - Pyelo Study II) | University of California, Los Angeles School of Medicine, Olive View-ERI | Frank LoVecchio, DO, MPH | Research Grant |
| TESTAZ (Test, Educate, Support, & Treat Arizona) - Routine, Opt-out HIV Screening in the Emergency Department | U.S. Department of Health & Human Services, Centers for Disease Control & Prevention | Eric Moore | Health Grant |
| Use of Lung Ultrasound for the Diagnosis of Pneumonia by Non-expert Emergency Medicine Ultrasonographers | Investigator Initiated | Teresa Wu | Investigator Initiated |
| Utilization of Emergency Departments for Possible Exposures to a Public Health Threat (EMERGENCY ID NET - BioTerrorism) | University of California, Los Angeles School of Medicine, Olive View-ERI | Frank LoVecchio, DO, MPH | Research Grant |



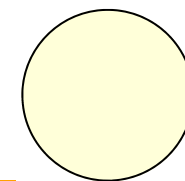
HEALTH SCIENCES LIBRARY

| Program / Project Title | Funder/Sponsor | Project Manager/ Principal Investigator | Category |
|---|--|--|--------------|
| Chandler Family Learning Center | Thunderbirds Charities | Jennifer Joiner | Health Grant |
| Family Services Initiative Comprehensive Health Center Family Learning Center | The Art of Grace Fund through the Arizona Community Foundation | Jennifer Joiner | Health Grant |
| First Things First Maryvale Family Learning Center | Arizona Early Childhood Development & Health Board | Jennifer Joiner | Health Grant |
| First Things First South Central Family Learning Center | Arizona Early Childhood Development & Health Board | Jennifer Joiner | Health Grant |

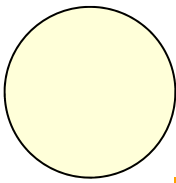
INTERNAL MEDICINE

| Program / Project Title | Funder/Sponsor | Project Manager/ Principal Investigator | Category |
|---|-----------------|--|--------------------|
| A Phase 3 Open-label Safety Study of Elvitegravir/ Cobicistat/ Emtricitabine/ Tenofovir Alafenamide Single-Tablet Regimen in HIV-1 Positive Patients with Mild to Moderate Renal Impairment | Gilead Sciences | Ann Marie Khalsa, MD | Industry Sponsored |

INTERNAL MEDICINE



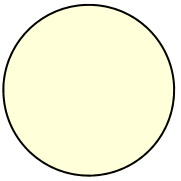
| Program / Project Title | Funder/Sponsor | Project Manager/ Principal Investigator | Category |
|--|--|--|------------------------|
| A Phase III, Randomized, Double-Blind, Placebo-Controlled, Adaptive Design Study of the Efficacy, Safety, and Tolerability of a Single Infusion of MK-3415 (Human Monoclonal Antibody to Clostridium difficile toxin A), MK-6072 (Human Monoclonal Antibody to Clostridium difficile toxin B), and MK-3415A (Human Monoclonal Antibodies to Clostridium difficile toxin A and toxin B) in Patients Receiving Antibiotic Therapy for Clostridium difficile Infection (Modify I) | Merck Sharp @ Dohme Corp | Richard Carlson, MD, PhD | Industry Sponsored |
| A Prospective, Randomized, Double-Blind, Placebo-Controlled, Multicenter Study to Evaluate the Safety and Efficacy of BAY 41-6551 as Adjunctive Therapy in Intubated and Mechanically-Ventilated Patients with Gram-Negative Pneumonia | Bayer HealthCare AG | Richard Carlson, MD, PhD | Industry Sponsored |
| A Randomized, Double-Blind, Placebo-Controlled, Phase 3 Study to Assess the Safety and Efficacy of ART-123 in Subjects with Severe Sepsis and Coagulopathy | Asahi Kasei Pharma America Corporation | Richard Carlson, MD, PhD | Industry Sponsored |
| A Randomized, Double-Blinded, Active-Controlled Study of CB-183,315 in Patients with Clostridium difficile Associated Diarrhea | Cubist Pharmaceuticals, Inc. | Thomas Ardiles | Industry Sponsored |
| A Randomized, Open-label, Multicenter, Controlled Study to Assess Safety and Efficacy of ELAD in Subjects with Alcohol-Induced Liver Decompensation (AILD) | Vital Therapies Incorporated | Thomas Ardiles | Industry Sponsored |
| Aunt Rita's Foundation - Services for HIV+ patients | Aunt Rita's Foundation | Eric Moore | Health Grant |
| Clinical Review Alcohol Withdrawal Syndrome-Update and Expanded Database of 2005-2007 (Chart Review) | Investigator Initiated | Richard Carlson, MD, PhD | Investigator Initiated |
| Coccidioidomycosis as a cause of sarcoidosis in Arizona | Investigator Initiated | Timothy Kuberski | Academic Research |



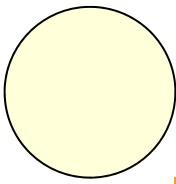
INTERNAL MEDICINE

| Program / Project Title | Funder/Sponsor | Project Manager/ Principal Investigator | Category |
|--|---|--|------------------------|
| Evaluation of Antigen Detection for Diagnosis of Central Nervous System Coccidioidomycosis | Investigator Initiated | Christelle Kassis | Investigator Initiated |
| Improving Physician-Patient Communication During Endoscopic Procedures At An Inner City Hospital with a Low Health Literacy Bilingual Patient Population | Investigator Initiated | Jyotsna Ravi, MD | Investigator Initiated |
| Is Treatment of Helicobacter Pylori (H.Pylori) infection in asymptomatic patient cost-effective in a high risk population in Arizona? | Investigator Initiated | Abdul Nadir, MD | Resident |
| Medical, Surgical, and Rehabilitation Management of Septic Arthritis: 2002- 2012 Clinical Review | Investigator Initiated | Timothy Kuberski | Investigator Initiated |
| Outcome Study for Patients Who Received Endoscopic Intervention After Intentional Ingestion of Foreign Bodies | Investigator Initiated | Keng-Yu Chuang, MD | Non-Sponsored |
| Outcome Study for Patients with Cardiac and Renal Disease who Received Optimal Medical Management. | Investigator Initiated | Christian Breburda, MD | Resident |
| Prevalence and Clinical Significance of Serum Autoantibodies Including Antinuclear antibodies (ANA) and Anti-Mitochondrial Antibodies (AMA) in Various Liver Disease in Maricopa Hospital Population | Investigator Initiated | Zohreh Movahedi Smith | Resident |
| Protocol for Tracking Economic Data of Subjects Participating in Protocol VTI-208 | Vital Therapies Inc. | Thomas Ardiles | Sponsored |
| Ryan White Part A (RWPA) Direct Dental - Services for HIV+ patients | Department of Health & Human Services, HIV/ AIDS Bureau | Eric Moore | Health Grant |

INTERNAL MEDICINE



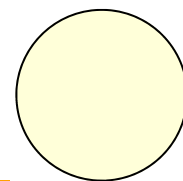
| Program / Project Title | Funder/Sponsor | Project Manager/ Principal Investigator | Category |
|---|---|--|------------------------|
| Ryan White Part A (RWPA) EIS Patient Navigator Services for HIV+ Refugees | Department of Health & Human Services, HIV/ AIDS Bureau | Eric Moore | Health Grant |
| Ryan White Part A (RWPA) EIS Patient Navigator Services for Newly Diagnosed HIV+ Patients | Department of Health & Human Services, HIV/ AIDS Bureau | Eric Moore | Health Grant |
| Ryan White Part A (RWPA) Mental Health Services - Services for HIV+ patients | Department of Health & Human Services, HIV/ AIDS Bureau | Eric Moore | Health Grant |
| Ryan White Part A (RWPA) Outpatient Ambulatory Medical Care - Services for HIV+ patients | Department of Health & Human Services, HIV/ AIDS Bureau | Eric Moore | Health Grant |
| Ryan White Part A (RWPA) Substance Abuse Services - Outpatient - Services for HIV+ patients | Department of Health & Human Services, HIV/ AIDS Bureau | Eric Moore | Health Grant |
| Ryan White Part C (RWPC) - HIV primary care continuum | Department of Health & Human Services, HIV/ AIDS Bureau | Eric Moore | Health Grant |
| Ryan White Part D (RWPD) - Medical care and support services for HIV+ women, infants, children, and youth | Department of Health & Human Services, HIV/ AIDS Bureau | Eric Moore | Health Grant |
| Use of Dexmedetomidine as an adjuvant to Benzodiazepines in the treatment of Alcohol Withdrawal Syndrome in the Intensive Care Unit | Investigator Initiated | Thomas Ardiles | Investigator Initiated |



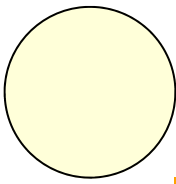
OBSTETRICS / GYNECOLOGY

| Program / Project Title | Funder/Sponsor | Project Manager/ Principal Investigator | Category |
|--|--|--|------------------------|
| "See and Treat" Treatment vs Conventional Treatment for High-Grade Squamous Intraepithelial Lesion on Pap Test, A Randomized Controlled Trial | Investigator Initiated | David Greenspan, MD | Resident |
| A Cross-Sectional Study Designed to Compare Items Related to Substance use in Pregnancy Captured with Routine history to those Compared to Paper-Pencil History. | Investigator Initiated | Dean Coonrod, MD, MPH | Non-Sponsored |
| Adaptation of a Diagnostic Screening Tool to Assess Sexual Health Concerns Among Immigrant and Refugee Women | Investigator Initiated | Crista Johnson, MD | Resident |
| Analysis of Long-Term Outcomes in Somali Refugee Women Receiving an Educational Intervention on Breast Health | Investigator Initiated | Crista Johnson, MD | Resident |
| Cervical Cancer Screening and an Assessment of Risk Factors and Prevalence of Cervical Dysplasia Among Refugee Populations | Investigator Initiated | Crista Johnson, MD | Resident |
| Coregulatory Process and Postpartum Depression in Low Income Mexican Americans - Las Madres Nuevas (The New Mothers Project). | Arizona State University | Dean Coonrod, MD, MPH | Academic Research |
| Cystoscopy Evaluation in Cases of Suspected Invasive Placentation: A Review of Outcomes | Investigator Initiated | Linda Chambliss, MD, MPH | Resident |
| Determinants of Prenatal Care Utilization Among Refugees | Robert Wood Johnson Foundation | Crista Johnson, MD | Academic Research |
| Effectiveness of the New Hope Teen Pregnancy Program in Promoting Long Acting Reversible Contraceptive Options in Postpartum Teenagers | Investigator Initiated | Tammalynn Bambulas, MSN | Investigator Initiated |
| Family Planning services for Low Income Women | Department of Health & Human Services, Bureau of Maternal & Child Health | Phyllis Hardy | Health Grant |

OBSTETRICS / GYNECOLOGY



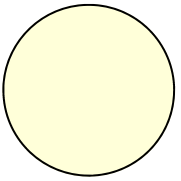
| Program / Project Title | Funder/Sponsor | Project Manager/ Principal Investigator | Category |
|---|---|--|------------------------|
| First Things First Internatal Care Clinic | Arizona Early Childhood Development & Health Board | Jennifer Joiner | Health Grant |
| GirlSmart: Web-based HIV/STI Prevention Intervention for Latina Adolescents | University of California, San Francisco, Center for AIDS Prevention Studies | Tammalynn Bambulas, MSN | Academic Research |
| High Risk Perinatal Program/ Newborn Intensive Care Program (HRPP/NICP) | Arizona Department of Health Services, Office of Children's Health | Jennifer Joiner | Health Grant |
| Improving Birth Outcomes for High Risk Women through Interconception and Preconception Care | Investigator Initiated | Dean Coonrod, MD, MPH | Investigator Initiated |
| Komen CAN Breast Cancer Treatment | Susan G. Komen of Central & Northern Arizona | Boni Lowney | Health Grant |
| Lactation Consultants Influence on Postpartum Breastfeeding Rates | Maricopa Medical Foundation | Sarah Smith | Resident |
| Mariposa - Wings to Safety Domestic Violence Program | Arizona Republic Charities Licenses Plates | Jennifer Joiner | Health Grant |
| Mariposa - Wings to Safety Domestic Violence Program | Seasons for Sharing | Jennifer Joiner | Health Grant |
| Mariposa - Wings to Safety Domestic Violence Program | Sundt Foundation | Jennifer Joiner | Health Grant |
| Mean Value and Distribution of Estimated Blood Loss (EBL) Vs. Quantitative Blood Loss (QBL) at the Time of Labor and Delivery | Investigator Initiated | Patricia Habak | Non-Sponsored |
| Neonatal Outcomes in Planned Preterm Delivery of Pregnancies Complicated by Placenta Accreta, Increta, and Percreta | Investigator Initiated | Sarah Sharer, BSE, MD | Resident |



OBSTETRICS / GYNECOLOGY

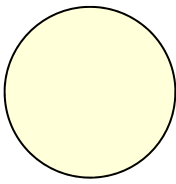
| Program / Project Title | Funder/Sponsor | Project Manager/ Principal Investigator | Category |
|--|---|--|------------------------|
| Neonatal Outcomes of Refugee Women from the Maricopa Medical Center Woman's Health Clinic who Undergo Spontaneous Vaginal Delivery, Operative Vaginal Delivery, and Cesarean Section | Investigator Initiated | Crista Johnson, MD | Resident |
| Non-clinical Social Services for Refugees | Department of Health & Human Services, Office of Refugee Resettlement | Jennifer Joiner | Health Grant |
| Obstetric Patient-Centered Medical Homes: Preliminary outcomes from the Clinics at MIHS | Investigator Initiated | Dean Coonrod, MD, MPH | Non-Sponsored |
| Predicting Adverse Pregnancy Outcomes: Is First Trimester Waist Circumference a Stronger Predictor than BMI | Maricopa Medical Foundation | Patricia Graham, MD | Resident |
| Proteomic Assessment of Pre-term Risk (PAPR) | Sera Prognostics, Inc. | Dean Coonrod, MD, MPH | Industry Sponsored |
| Refugee Women's Sexual Health | Patty Brisben Foundation | Jennifer Joiner | Research Grant |
| Risk Factors Associated with a Short Inter-Pregnancy Interval | Investigator Initiated | Dean Coonrod, MD, MPH | Investigator Initiated |
| Strong Start Evaluation | Center for Medicare and Medicaid Innovations | Maria Manriquez, MD | Sponsored |
| Strong Start for Mothers & Newborns | Department of Health & Human Services, Centers for Medicare & Medicaid Innovation | Jennifer Joiner Madhumita Sinha, MD | Health Grant |
| The Decision of Timing and Mode of Delivery for Women with Hypertension Disorders of Pregnancy (HDP) | Investigator Initiated | Dean Coonrod, MD, MPH | Academic Research |

OBSTETRICS / GYNECOLOGY



| Program / Project Title | Funder/Sponsor | Project Manager/ Principal Investigator | Category |
|--|---|--|------------------------|
| The Effect of Increased Intravenous Hydration on Length of Labor at Term | Investigator Initiated | Linda Chambliss, MD, MPH | Non-Sponsored |
| The Effect of Increased Intravenous Hydration on Postpartum Hemorrhage Rate | Investigator Initiated | Linda Chambliss, MD, MPH | Investigator Initiated |
| Twin Birth Study | Canadian Institutes of Health Research/ University Of Toronto | Dean Coonrod, MD, MPH | Research Grant |
| Use of Birth Control in Post Partum Patients that Do Not intend to Get Pregnant within the next year. | Investigator Initiated | Patricia Habak | Non-Sponsored |
| Well Woman HealthCheck | Department of Health & Human Services, Centers for Disease Control & Prevention | Boni Lowney | Health Grant |
| Why Refugee Women Underutilize Available Prenatal Services in Subsequent Pregnancies: Semi-Structured Interviews and Longitudinal Analysis | Investigator Initiated | Crista Johnson, MD | Investigator Initiated |

MIHS is the health care safety net for citizens of Maricopa County. The health system serves people of many races and nationalities who come from diverse cultures and speak several different languages. Many of the patients face major challenges, such as lack of health insurance, complex medical problems, and difficult socioeconomic situations. Caring for these patients demands special knowledge and sensitivity. MIHS is committed to giving culturally appropriate, sensitive medical care and helping our patients live healthier lives. MIHS provides care for all that enter its doors.



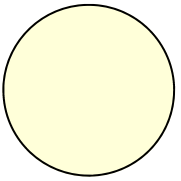
PATHOLOGY

| Program / Project Title | Funder/Sponsor | Project Manager/ Principal Investigator | Category |
|--|---|--|-------------------|
| MIHS Biorepository Resource. Retrospective Unlinked Post-Retention FFPE Tissue Blocks for Arizona Biospecimen Locator (ABL). RUFFL | Battelle Memorial Institute | Dan Hobohm | Academic Research |
| Prospective Human Specimen Collection for Medical Research Biorepository | Arizona Biomedical Research Commission | Dan Hobohm | Academic Research |
| Use of Post-Retention Paraffin Blocks for Cancer Research | Translational Genomics Research Institute | Dan Hobohm | Sponsored |

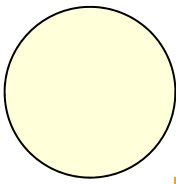
PEDIATRICS

| Program / Project Title | Funder/Sponsor | Project Manager/ Principal Investigator | Category |
|--|------------------------------|--|--------------------|
| A Comparative Evaluation of the Safety and Efficacy of Daptomycin Versus Standard of Care in Pediatric Subjects Two - Seventeen Years of Age With Bacteremia Caused by Staphylococcus Aureus | Cubist Pharmaceuticals, Inc. | Amin Ostovar | Industry Sponsored |
| A Multicenter, Randomized, Double-Blinded Comparative Study to Evaluate the Efficacy, Safety, and Pharmacokinetics of Daptomycin Versus Active Comparator in Pediatric Subjects with Acute Hematogenous Osteomyelitis Due to Gram-Positive Organisms | Cubist Pharmaceuticals, Inc. | Amin Ostovar | Industry Sponsored |

PEDIATRICS



| Program / Project Title | Funder/Sponsor | Project Manager/ Principal Investigator | Category |
|--|--|--|------------------------|
| A Multicenter, Randomized, Observer-Blinded, Active-Controlled Study to Evaluate the Safety, Tolerability, Efficacy, and Pharmacokinetics of Ceftaroline Versus Comparator in Pediatric Subjects With Acute Bacterial Skin and Skin Structure Infections | Cerexa, Inc. | David Rosenberg | Industry Sponsored |
| A Multicentre, Randomized, Placebo-controlled, Double-blind Study of the Efficacy, Safety, and Pharmacokinetics of Lubiprostone in Paediatric Subjects Aged > or equal to 6 Years to < 18 Years with Functional Constipation | Sucampo Pharma AG | Roxanne Hecht | Industry Sponsored |
| Ascertaining Optimum Public Health Interventions to Control the Spread of Methicillin Resistant Staphylococcus aureus Infections in the Pediatric Population | Arizona Biomedical Research Commission | Sarada Panchanathan, MD | Academic Research |
| Assessment of Resident Physician Workload in the Emergency Department Using the Multidimensional Nasa-TLX Scale | Investigator Initiated | Madhumita Sinha, MD | Investigator Initiated |
| Attainment of Breastfeeding Goals in Resident Physicians at MIHS | Investigator Initiated | Bhavaraju Vasudh, MD | Non-Sponsored |
| Children with Scorpion Envenomation Visiting a Pediatric Emergency Department: A Decade Long Experience | Investigator Initiated | Madhumita Sinha, MD | Non-Sponsored |
| Clostridium Difficile Colonization in Asymptomatic Infants Aged 1-12 Months Old Admitted to a Community Hospital | Investigator Initiated | Kelly Guido | Resident |
| Comparing Transcutaneous vs. Serum Bilirubin after Phototherapy in the Outpatient Setting | Investigator Initiated | Shawn McMahon, MD | Scholarly Project |
| First Things First Central Phoenix Care Coordination | Arizona Early Childhood Development & Health Board | Jennifer Joiner | Health Grant |



PEDIATRICS

| Program / Project Title | Funder/Sponsor | Project Manager/ Principal Investigator | Category |
|---|---|--|------------------------|
| First Things First Northwest/ Southwest Phoenix Care Coordination | Arizona Early Childhood Development & Health Board | Jennifer Joiner | Health Grant |
| First Things First South Phoenix Care Coordination | Arizona Early Childhood Development & Health Board | Jennifer Joiner | Health Grant |
| Improving Detection of Hypertension in Pediatric Ambulatory Vests | Investigator Initiated | Sarada Panchanathan, MD | Scholarly Project |
| Outcome of Children Admitted to a Trauma Referral Center with Dogbite Related Injuries | Investigator Initiated | Madhumita Sinha, MD | Investigator Initiated |
| Point of Care Ultrasound for Ankle Injuries in the Emergency Department | Investigator Initiated | Madhumita Sinha, MD | Investigator Initiated |
| Prenatal Care Utilization Among Refugee Women | University of California, Los Angeles | Amin Ostovar | Academic Research |
| Presence of Viral Respiratory Infections in Infants 0-90 Days with Fever | Investigator Initiated | Karen Philip | Resident |
| Role of Mechanism of Injury in the Outcome and Prediction of Complications in Pediatric Burn Patients | Investigator Initiated | Sarada Panchanathan, MD | Non-Sponsored |
| Studying the Significance of Salivary Biomarkers in Pediatric Traumatic Brain Injury | Investigator Initiated | Claudia Yeung | Resident |
| TeBOPP (Technology Based Obesity Prevention Project) | Department of Health & Human Services, Agency for Healthcare Research & Quality | Jennifer Joiner Madhumita Sinha, MD | Academic Research |

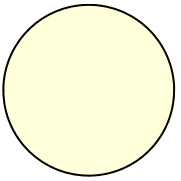
PEDIATRICS

| Program / Project Title | Funder/Sponsor | Project Manager/ Principal Investigator | Category |
|---|---------------------------------------|--|-------------------|
| The Effect of CPOE Generated Dosing on Measurability if Doses of Liquid Oral Pediatric Medication | Investigator Initiated | Sarada Panchanathan, MD | Scholarly Project |
| The Role of Bathing in Pediatric Atopic Dermatitis | Maricopa Medical Foundation | Neal Jain | Resident |
| The Utility of Transcutaneous Bilirubin Measurement | Investigator Initiated | David Brodtkin, MD | Non-Sponsored |
| Transportation Related Injury Prevention Program (TRIPP) | Arizona Department of Health Services | Jennifer Joiner | Research Grant |
| Validation of Residency Report in Electronic Health Record: A Preliminary Study | Investigator Initiated | Sarada Panchanathan, MD | Academic Research |

PSYCHIATRY

| Program / Project Title | Funder/Sponsor | Project Manager/ Principal Investigator | Category |
|--|------------------------|--|------------------------|
| Adverse Reactions Before and After Formulary Changes of Antipsychotic Medications Due to Changes in Benefits. | Investigator Initiated | William James, MD | Resident |
| An Exploratory Study of Neuropsychiatric Test Findings in Three Diagnostic Groups of Child/Adolescent Psychiatry Outpatients | Investigator Initiated | Jennifer Weller, PhD | Non-Sponsored |
| An Investigation into the Relationship between Metabolic Syndrome and Dementia in Patients with Severe Mental Illness | Investigator Initiated | Frank Bevacqua, MD | Non-Sponsored |
| Behavior Plans In An Adult Psychiatric Inpatient Population; A Descriptive Study | Investigator Initiated | Nancy Van Der Veer, PSY D | Investigator Initiated |

PSYCHIATRY



| Program / Project Title | Funder/Sponsor | Project Manager/ Principal Investigator | Category |
|--|------------------------|--|------------------------|
| Cannabis Use Rates in a Psychiatric Inpatient Setting from 2007 through 2013 | Investigator Initiated | Nancy Van Der Veer, PSY D | Investigator Initiated |
| Cognitive Impairment in Psychiatric Inpatients with and without HIV | Investigator Initiated | Jennifer Weller, PhD | Investigator Initiated |
| Effects of Computerized Order Entry (CPOE) on Medication Errors in a Public Behavioral Healthcare Service | Investigator Initiated | Gretchen Alexander | Non-Sponsored |
| Identification of Psychotropic Medications Used to Manage Behavioral Problems in Dementia | Investigator Initiated | Maryam Hazeghazam | Resident |
| Identification of Risk Factors Associated with Venous Thromboembolism and the Use of Psychotropic Medications. | Investigator Initiated | Maria Jesus-Bailon, MD | Non-Sponsored |
| Inpatient Stays of Ethnic Patients with Psychiatric Diagnosis in the Maricopa Integrated Health System | Investigator Initiated | William James, MD | Resident |
| Risk Factors for Rehospitalization for Patients Following Release from Court Ordered Treatment | Investigator Initiated | Shabnam Sood | Investigator Initiated |
| Validation of a brief screen for Posttraumatic Stress Disorder in a psychiatric acute inpatient population | Investigator Initiated | Nancy Van Der Veer, PSY D | Academic Research |
| Working with Active Military Personnel: A Guide to Civilian Providers On Caring for Active Service Members and the Challenges of Combat Related Trauma | Investigator Initiated | Gwen Levitt, DO | Investigator Initiated |

RADIOLOGY

| Program / Project Title | Funder/Sponsor | Project Manager/ Principal Investigator | Category |
|--|------------------------|--|------------------------|
| Comparison of 3T MRI Protocol vs CT in the Routine Evaluation of Acute Appendicitis in the Adult Population | Investigator Initiated | Albert Roh | Resident |
| CT Findings of Primary Pulmonary Hypertension | Investigator Initiated | David August | Resident |
| Evaluating Radiation Exposure for NICU Babies During Their Initial Hospitalization | Investigator Initiated | Mary Connell, MD | Resident |
| Evaluation of Obesity on Chest X-Rays | Investigator Initiated | Albert Roh | Resident |
| Feasibility of T2 FLAIR MRI sequence of the Brain as a first choice imaging technique in the outpatient setting over CT: A retrospective review of cross sectional Brain imaging utilization | Investigator Initiated | Daniel Gridley, MD | Non-Sponsored |
| Humeral Head Height and Supraspinatus Footplate Angle | Investigator Initiated | Jason Young, MD | Academic Research |
| Ovarian Torsion: A Predictive Diagnostic Score Based on Clinical and Sonographic Findings | Investigator Initiated | Mary Connell, MD | Non-Sponsored |
| Radiologic, Pathologic and Intraoperative Evaluation and Correlation of CNS Findings in HIV/AIDS | Investigator Initiated | Phillip Fairbourn | Investigator Initiated |
| When the CT Blushes in Face of Trauma: Embolize or Not Intervenet at All? | Investigator Initiated | Amardeep Johar | Resident |