

# IM Residency Program Current Research in 2019

Specialties	Projects	Leading Residents	Supervising Attending	Status	Recruiting new residents
Cardiology	Local Vancomycin application on prevention of ICD/pacemaker related infection	B. Liu	Dr. Bomma (Cardio)	In progress	Yes
	Study of outcomes of heart failure patients on teaching versus non teaching services.	S. Singh; X. Guan; k. Khanal	Dr. Majeed	Data analysis	No
	Immune checkpoint inhibitors cardiotoxicity: a retrospective single center observational study.	X. Guan; L. Meng; B. Deng;	Dr. Hsu	Manuscript preparation	No
	Essential thrombocytosis is associated with higher mortality in patients with acute MI	B. Liu	Dr. Everett	Completed	No
Gastroenterology	Endoscopic mucosal resection: Long term outcomes.	M. Rashid	Dr. Hasan (CIE)	Completed	No
	Pancreatic necrosis: A meta-analysis on surgical management	M. Rashid	Dr. Hasan (CIE)	Completed	No
	Cold Snare Polypectomy versus Jumbo Forceps Polypectomy in the Resection of Diminutive Colorectal polyps.	R. Shobar	Dr. Joshua Melson (Rush)	Data analysis	No
	Development of clinical outcome predictive score in cirrhotic patient in ICU	A. Farooq; A. Ramandan	Dr. Guan	In progress	Yes
Hematology/Oncology	Study of weight based dosing regimen of Flu-Bu 4 for myeloablation in AML.	A. Jain; A. Khan	Dr. Mori (BMT)	Manuscript preparation	No
	Chimerism in BMT	A. Jain	Dr. Patel(BMT)	In progress	Yes
	Allogenic BMT-Pre-transplant ferritin, albumin and Hgb are predictive of survival outcome independent of disease risk index following allogeneic BMT	A. Jain	Dr. Mori(BMT)	In progress	Yes
	Efficacy/safety of PD-1 inhibitors in HIV or Hepatitis + patients with head/neck CA	L. Meng	Dr. Hsu	Manuscript preparation	No
	Prognostic value of K-RAS mutation in patients with lung adenocarcinoma	L. Tao, L. Meng; J. Sun	Dr. Chang	Manuscript preparation	No
	Next generation sequencing and multiple gene mutation detection in AML patients.	J. Sun; L. Tao	Dr. Chang	Data analysis	Yes



# IM Residency Program Current Research in 2019

Specialties	Projects	Leading Residents	Supervising Attending	Status	Recruiting new residents
<b>Cardiology</b>	Local Vancomycin application on prevention of ICD/pacemaker related infection	B. Liu	Dr. Bomma (Cardio)	In progress	Yes
<b>Pulmonary/CCM</b>	Differences in patient outcomes in cases of acute PE between teaching and non teaching services	A. Khan; A. Jain; B. Mandzhieva	Dr. Majeed	Manuscript preparation	No
	A study of compliance with guideline based anti coagulation in acute PE in a large hospital	A. Khan; B. Mandzhieva	Dr. Majeed	Manuscript preparation	No
	A study of differences in clinical presentation of acute PE in a large tertiary hospital	A. Khan; B. Mandzhieva	Dr. Majeed	Manuscript preparation	No
	Comparison of hospital metrics/performance in teaching ICU vs. non-teaching ICU	B. Patel; A. Lackey	Dr. Guan	In progress	Yes
	A study of using imaging to predict the neurological recovery after therapeutic hypothermia	A. Khan	Dr. Guan/Dr. Cearras	In progress	Yes
<b>Rheumatology</b>	A survey on Fibromyalgia-related knowledge among internal medicine residents	S. Afridi		Manuscript preparation	No
<b>Nephrology and others</b>	Assessing a dose-response relationship of Hydralazine and its effects on DNA methyltransferase 1 in Polycystic Kidney Disease patients	X. Zhou		Data analysis	No
	Predictive value of Neuropsychiatric assessment and Berg balance test in selecting among NPH patients for long-term VP shunts.	M. Rashid	Dr. MM	Manuscript preparation	No



# IM Residency Program Quality Improvement and Patient Safety Projects 2019

Projects	Status	Leading Residents	Supervising Attending	Recruiting residents
Assessment/improvement of colon CA screening rates in outpatient clinic with a focus on increasing stool blood test completion rates (HS-gFOBT/FIT).	In progress	P. Zykova; A. Jalil; B. Mandzhieva; R. Shobar; X. Zhou; A. Ramadan; A. Farooq	MM	Yes
Chronic opioid prescription in our continuity clinic	Data analysis	L. Tao; A. Jain; M, Rashid; P. Zykova; R. Shobar; A. Jalil	MM	No
Comparison of cost-effectiveness, management, and outcomes of uncomplicated SSTI between teaching and nonteaching services.	In progress	R. Kumar; X. Zhou	MM	Yes
Depression screening	In progress	B. Deng, X. Zhou, X. Guan, R. Shobar, X. Zhou	MM	Yes
Evaluation of Anti-pneumococcal vaccine in immune-competent patients 65-90 y/o in the outpatient setting.	In progress	S. Peiman; A. Ramadan	MM	Yes
Evaluation with compliance of breast cancer screening rates in primary care setting.	In progress	B. Deng; V. Simaev; S. Singh; J. Taylor; X. Zhou	MM	Yes
Evaluation with compliance of lung cancer screening rates in primary care setting.	In progress	A. Jain; A, Khan; B. Deng	MM	Yes
Improving Patient flow in the outpatient clinic	In progress	S. Afridi; L. Isea; A. Ansari	DG	Yes
Improving discharge process and its effect on HCAPS/readmission	Manuscript preparation	S. Afridi; L, Meng; L. Tao; P. Zykova; A. Jalil; R. Shobar; V. Simaev	DT	No
Improving transitions of care between ICU and ward patients on a teaching service	In progress	L. Isea; X. Guan; A. Mainali; S. Shah	DG	Yes
Survey of cholesterol management in primary and secondary cardiovascular prevention.	In progress	P. Parajuli; X. Guan; K. Khanal; S. Singh	MM	Yes