

## Summer Student Research Program

### Project Description

**FACULTY SPONSOR'S NAME AND DEGREE:** Nisha Narula, MD

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**PROJECT TITLE (200 Characters max):**

Billing data in symptomatic cholelithiasis

### **HYPOTHESIS:**

Billing data is inaccurate compared to ultrasound data and manual review in identifying patients with symptomatic cholelithiasis/biliary colic.

**PROJECT DESCRIPTION** (Include design, methodology, data collection, techniques, data analysis to be employed and evaluation and interpretation methodology)

Patients with ICD-10 codes for symptomatic cholelithiasis will be identified and compared to patients with ultrasound reports with cholelithiasis combined with a manual chart review. Data will be analyzed to determine how many patients were inaccurately included or excluded with billing data alone.

### **SPONSOR'S MOST RECENT PUBLICATIONS RELEVANT TO THIS RESEARCH:**

Guliani J, Bartelson RI, Eraky F, Mehra S, Glass NE, Narula N. Patients with symptomatic cholelithiasis at a safety net hospital: Early surgeon involvement matters. World J Surg. 2024 Dec;48(12):2855-2862. Epub 2024 Nov 11.

**THIS PROJECT IS:** ☒ Clinical    ☐ Laboratory    ☐ Behavioral    ☐ Other

**THIS PROJECT IS CANCER-RELATED** ☐

Please explain Cancer relevance

**THIS PROJECT IS HEART, LUNG & BLOOD- RELATED** ☐

Please explain Heart, Lung, Blood relevance

**THIS PROJECT INVOLVE RADIOISOTOPES?** ☐

**THIS PROJECT INVOLVES THE USE OF ANIMALS** ☐

**PENDING** ☐    **APPROVED** ☐    **IACUC**    **PROTOCOL**  
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**THIS PROJECT INVOLVES THE USE OF HUMAN SUBJECTS?** ☒

**PENDING** ☒    **APPROVED** ☐    **IRB PROTOCOL #** **M**

**THIS PROJECT IS SUITABLE FOR:**

**UNDERGRADUATE STUDENTS** ☐    **ENTERING FRESHMAN** ☐

Summer Student Research Program

Project Description

SOPHMORES

☐

ALL STUDENTS

☐

Medical students x

**THIS PROJECT IS WORK-STUDY:**      Yes ☐      or      No x

**THIS PROJECT WILL BE POSTED DURING ACADEMIC YEAR  
FOR INTERESTED VOLUNTEERS:**      Yes x      or      No ☐

**WHAT WILL THE STUDENT LEARN FROM THIS EXPERIENCE?**

Data analysis, manuscript writing