“Simulation-Guided Systems Redesign in GI Endoscopy”

A presentation by Ziad F. Gellad, MD, MPH

Summary: Increasing demand for endoscopic procedures, coupled with decreasing reimbursement, has necessitated improvement in endoscopy unit efficiency. Discrete Event Simulation (DES) is a systems engineering methodology that can be applied to improve patient flow and efficiency of unit operations and optimize capacity planning. The application of this methodology has been well established and validated in the manufacturing sector but its use in the medical field is limited. This seminar will provide an overview of simulation methods and, through case studies, discuss the challenges in their implementation.

Dr. Gellad is an assistant professor of Gastroenterology at Duke University Medical Center and a faculty member of the Duke Clinical Research Institute.

THURSDAY, FEB 4
4:00 PM
BAYLOR CAMPUS
DEBAKEY, M112

Faculty Host: Fasiha Kanwal, MD, MSHS

References: Gellad et al; Endoscopy Unit Efficiency: Quality Redefined; CGH 2013. Day et al; Optimizing Efficiency and operations at a California...; GIE 2014

Junior Investigators Luncheon
Young GI investigators are invited to join Dr. Gellad for a luncheon. Please email escamill@bcm.edu for details. RSVP no later than 02/01/2016. Lunch provided.

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