Journal Club Curriculum

Objectives

1) To critically appraise the literature
2) To develop an approach to the analysis of the various types of articles (harm, diagnosis, prognosis, etc)
3) To understand the basis of hypothesis testing (Type I and II errors, p values, 95% confidence intervals, sample size)
4) To understand the basis of diagnostic testing (prevalence, sensitivity, specificity, positive and negative predictive values, likelihood ratios)
5) To become familiar with sources of bias
6) To understand how results of study can be used in clinical practice

Core Curriculum

1) Journal club is held the 1st Wednesday of each month, 5:30-6:30 pm
2) 2 fellows will present each session
3) Each fellow will receive a copy of JAMA’s Users’ Guide to the Medical Literature: A Manual for Evidence-Based Clinical Practice
4) Fellows are to work with assigned mentor to chose and analyze an appropriate article. Articles may be chosen from Gastroenterology, Hepatology, NEJM, JAMA, The Lancet, Science, Nature, Annals of Internal Medicine
5) Powerpoint presentations should be organized as follows: 10 minutes background, 10 minutes article 15 minutes analysis 5 minutes discussion
6) Fellows are encouraged to critically appraise the literature, and develop their own independent criticisms