

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 choose 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