Evidence-based Medicine Project

Goal:

To instruct medical students in the principles of evidence-based medicine, including developing a research question, evaluating the validity and relevance of primary and secondary information sources, and summarizing evidence to efficiently address community, patient and physician needs in the format of a POEM write up.

Objectives:

1. Students will decide with their Preceptor on a clinical question to investigate that arose out of a patient care issue. The student will use the PICO structure to synthesize a patient-focused research question.
2. Students will identify 5 reference articles that address the patient-focused research question.
3. Students will create a POEM write up on ONE of the articles

PICO Patient Intervention Comparison Outcome
POEM Patient Oriented Evidence that Matters ebm format from AAFP

Preparation Learning Activities: SEE ASSIGNMENT TAB

I. Review the information on Duke web Evidence–Based Practice Tutorial. Especially the information on the well-built clinical question (PICO)
II. Look at the study review forms from Duke: Critical Review form for Therapy Study, Critical Review Form for Overview Study and EBM Cheat Sheets for Treatment and Harm
III. Look at the e links for the definition of POEM and the e link for top POEM samples:


http://www.aafp.org/journals/afp/authors/ebm-toolkit/resources/top-poems.html

IV. Read 5 articles related to your PICO question; select ONE article for your POEM write up

V. This link on your Resources tab is a good place to start looking at EBM resources about your clinical question:
https://ecurriculum.som.vcu.edu/portal/resources/2011/fam/EBMResources.pdf