Medical Literature Curriculum-1 Goals and Objectives for 2013-2014 Academic Year

Abbreviations Utilized: CBL = Case-Based Learning; IND= Independent Learning

Objective(s) Initials	Related Course Objective	Mode of Teaching	Mode of Assessment	
			Formative	Summative
	Case-Based Learning Components			
MK-2, LI-2	Attain an understanding of the biology of disease and apply knowledge of the relevant background concepts in the basic sciences to case reports and readings.	CBL, IND	x	x
MK-2, LI-2	Define all medical terminology used in the case presentation.	CBL, IND	x	
CS-2	Compile notes on the facts of the case in standard format for write-up	CBL, IND	x	
PC-2, MK-2	Generate a problem list and attempt to group findings into pathophysiologic syndromes.	CBL, IND	x	
PC-2, LI-2, LI-3, MK-2, MK-4	Formulate a differential diagnosis for each of the patient's major problems at each stage of the clinical presentation, incorporating an evidence-based medicine framework for structuring and applying scientific knowledge into the clinical reasoning process.	CBL, IND	x	
PC-5, MK-2, LI-2	Relate the clinical data and further workup to sorting among the diagnostic possibilities and determine the basis for interpretation of any special studies used in the work-up of the case.	CBL, IND	x	
MK-3, LI-2	Determine the mechanism of action and rationale for each drug or other therapeutic intervention used in the case.	CBL, IND	x	
PC-2, MK-2	Summarize the prototypical features of each disease in the differential diagnosis suggested by the discussant in the case report and outline the author's clinical reasoning in discussing the diagnostic hypotheses.	CBL, IND	x	
MK-2, LI-1, LI-2, CS-2	Construct a "pathophysiologic hypothesis" to account for the clinical findings based on the patient's underlying diseases.	CBL, IND	x	
LI-2, LI-3, MK-2, MK-5, PC-5	Acquire the ability to critically assess scientific data presented in terms of the conclusions drawn by the authors, identify what is established and what the question is with respect to the clinical issue being addressed and appropriately apply the findings to specific clinical problems.	CBL, IND	x	
PR-3	Develop awareness of the ethical issues raised by the case reports and/or readings (e.g., conflicts of interest, patient safety, informed consent, etc.).	CBL, Faculty Role Modeling	x	
	"**General Pathology" Component**			
MK-1	Acquire a disease related vocabulary that is essential to understanding human illnesses	Lecture, IND	x	x
MK-1	Recognize important cellular and molecular mechanisms and theories fundamental to the pathogenesis of major human diseases.	Lecture, IND	x	x
MK-2	Compare and contrast the biochemical, molecular, gross and histopathologic changes caused by common and/or important major organ system diseases.	Lecture, IND	x	x
MK-1	Compare and contrast current biologic principles which govern changes in cells and tissues as a response to abnormal stimuli.	Lecture, IND	x	x
MK-1, MK-2	Describe how molecular alterations affect structure, modify system function, and contribute to symptomatology.	Lecture, IND	x	x
MK-2, MK-4	Analyze experimental models, investigational and epidemiological studies that advance understanding of human diseases.	Lecture, IND	x	x
PH-2	Demonstrate an understanding of how pathology as a medical specialty relates to and contributes to effective and efficient medical practice.	Lecture, Faculty Role Modeling	x	