CONCEPT MAPPING STUDY GUIDE FOR STUDENTS
MEDICINE 251 – INTEGRATED CLINICAL CLERKSHIP IN MEDICINE II

Introduction:
Numerous techniques may be employed in learning, understanding, and integrating concepts. While the effectivity of a learning technique may vary from learner to learner the desired outcome of meaningful learning remains the same. In Medicine, meaningful learning is best demonstrated when knowledge translates to good clinical practice. Thus, creating linkages within and between theory and actual behavior remains at the core of Medicine as a learned discipline. Concept mapping is a teaching and learning strategy that helps focus on such linkages.

Learning Objectives:
After going through this topic, the students should be able to:
- Differentiate a concept map from a mind map or outline
- Create a concept map

What are Concept Maps?
An article written by Daley B, Durning S, and Torre D (2016) provides an in depth discussion of concept mapping and its role in medical education. You can access it online at https://www.mededpublish.org/manuscripts/380. A copy of the article is uploaded at the VLE course site.

How do I make a Concept Map?
A more concise introduction, including a step by step process on how to make a concept map, may be viewed at https://medicine.llu.edu/academics/resources/concept-mapping-medical-school. Alternatively, you can view this video https://www.youtube.com/watch?v=8XGQGhli0I0&vl=en. These links are also available at the course site.

Several variations of concept maps maybe produced for a single topic depending on what the learner wants to focus on and what linkages they want to identify. For example, take these two concept maps https://cmapsconverted.ihmc.us/rid=1J1T15N99-QF3JDB-2DVW/Thalassemias.cmap and https://maaz.ihmc.us/rid=1J2NFLYTY-2RT3QN-R0B/Thalassemia.cmap. Images of the concept maps are uploaded in the course site. The important thing to remember here is concept maps are supposed to aid the learner remember key concepts and linkages. It is up to the learner to decide on what works best given a certain situation.