INTRODUCTION TO YEAR II THEMES

COURSE-LEVEL LEARNING OBJECTIVES
Created for 2015
Modified in 2016
Changes in yellow for 2017

1. Describe several unique features of pediatric healthcare compared to adult healthcare
2. List the typical elements that determine the stage of a cancer
3. List typical histologic features of cancer found in a pathology specimen
4. Summarize the mechanisms of action of chemotherapy and radiation therapy in cancer care, as well as acute and late potential side effects of these treatments
5. Describe some of the special medical ethical issues that can arise when doctors are trying to plan an optimal approach to treating a life-threatening malignancy that develops in a pediatric patient
6. List the most common types of imaging used in healthcare and their attendant risks and advantages
7. Describe how and why some patients develop elements of malnutrition while being cared for in the hospital
8. Explain the impact of age and stage of development on the differential diagnosis of presentations of disease in childhood
9. Summarize the usefulness of clinical staging and principles of cancer care
10. Summarize the principles of genetic counseling
11. Describe the special challenges involved in following a pediatric cancer survivor
12. Describe the advantages of different imaging modalities for helping to establish the origin of a mediastinal mass, or a mass of the upper arm (as examples)
13. Describe the advantages and disadvantages of oral, enteral, and parenteral nutritional supplementation
14. Describe the scope of the field of medicine known as Physiatry (Rehabilitation Medicine), and how those issues relate to a child requiring amputation of one arm
15. Explain how you might counsel the parents of a pediatric cancer survivor in terms of long term risks and optimal follow-up plans
16. Demonstrate personal responsibility for your own education by attending all required classes, and by completing essential components of the course (quizzes, final essay) in a timely fashion
17. Demonstrate your ability to find recent and reliable sources of information to answer focused clinical questions
18. Identify your own style of learning that works best for you when specific learning issues are raised indirectly by cases, rather than directly by a teacher
19. Describe the components of the PDSA cycle in improvement work in general, as applied to healthcare delivery issues raised in our CPC case
20. Describe the differences between palliative care and hospice care, when it is appropriate to request those services, and how those services are billed and funded