

## 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**