Note to Participants: There are interactive pop-up questions throughout this lecture. If you choose to pause the lecture and return at a later time, a natural break time would be after answering the interactive questions. (You are able to pause at any time and the presentation will “remember” where you were. It’s just a more natural time to pause after the interactive questions.) For your convenience, this outline reflects where/when within the lecture the interactive questions occur.

This lecture has 106 slides and is 124 minutes in duration.

I. Clinical case presentation: Strategies for the physical therapist to quickly educate themselves in order to perform an evaluation.

II. Overview of cancer
   A. Definition of cancer
   B. Important statistics
   C. Key terms and definitions

Interactive Questions — slide 33 @ 31 minutes

III. Pathogenesis of cancer
   A. Environmental and genetic factors
   B. Cellular characteristics of cancer
   C. Growth of cancer

Interactive Questions — slide 45 @ 44 minutes

IV. Cancer diagnosis
   A. General systemic signs
   B. ACS warning signs
   C. Diagnostic testing
      1. Imaging
      2. Biopsy
      3. Blood tests
   D. Pathology reports
      1. Tumor grade
      2. Staging
      3. TNM system
   E. Cancer prognosis: Applying these terms to our case study

Interactive Questions — slide 75 @ 84 minutes

V. General medical treatment strategies of cancer
   A. Surgery
   B. Chemotherapy
      1. Common adverse effects
C. Transplant therapy
D. Hormone therapy
E. Immunotherapy
F. Biological therapy
G. Radiation
   1. Standard treatment
   2. Radiation fibrosis
   3. Newer technologies

**Interactive Questions — slide 102 @ 118 minutes**

VI. Summary
   A. Patient case follow-up