



**EDUCATA**

Your Online Continuing Education Resource

# Treating a Patient With Cancer: What Outpatient PTs Need to Know

## Part I: Understanding How Cancer and its Treatments Relate to PT

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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 154 slides and is 136 minutes in duration.

- I. Learning about cancer
  - A. Cancer prevention
  - B. Who gets cancer?
  - C. Cancer statistics
    - 1. Types of cancer
    - 2. Survivorship
    - 3. New cases
    - 4. Trends

Interactive Questions — slide 36 @ 18 minutes

- II. What is cancer?
  - A. Terminology
  - B. Diagnosis
  - C. Staging
  - D. Tumor grading
  - E. Treatment planning

Interactive Questions — slide 55 @ 31 minutes

- III. Medical treatment
  - A. Surgery
    - 1. Curative
    - 2. Palliative
  - B. Chemotherapy
    - 1. Definition
    - 2. Local and systemic effects
    - 3. Side effects
  - C. Radiation therapy
    - 1. Definition
    - 2. External beam radiation
      - a. Dosages
      - b. Skin impairment
      - c. Burns
      - d. Precautions

Notes

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- 3. Other types
    - a. Brachytherapy
    - b. MammoSite
    - c. Cyberknife
  - 4. Local and systemic side effects
  - D. Other cancer treatments
    - 1. Biological therapy
    - 2. Anti-angiogenic therapy
    - 3. Hormone therapy
    - 4. Aromatase inhibitors (AIs)
    - 5. Targeted therapy

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Interactive Questions — slide 96 @ 67 minutes

IV. Genetics

V. Survivorship

- A. Who are cancer survivors?
- B. Survivors with highest risk of subsequent cancers
- C. Seasons of survival

VI. Overview: Breast, prostate, colorectal and melanoma

- A. Breast cancer
  - 1. Who is at risk?
  - 2. Screening guidelines
  - 3. Prevalence
- B. Colorectal cancer
  - 1. Who is at risk?
  - 2. Screening guidelines
- C. Prostate cancer
  - 1. Who is at risk?
  - 2. Screening guidelines
- D. Melanoma
  - 1. Who is at risk?
  - 2. Screening guidelines

VII. Precautions and red flags

- A. Precautions for rehabilitation
- B. Bone marrow suppression
- C. Red flags
  - 1. Metastatic bone disease
  - 2. Brain metastasis
  - 3. Vascular issues
  - 4. Pulmonary issues
- D. Oncological emergencies: Definitions, symptoms, diagnoses and treatments
  - 1. Superior Vena Cava Syndrome (SVCS)
  - 2. Spinal cord compression
  - 3. Tumor lysis syndrome
  - 4. Hypercalcemia
  - 5. Febrile neutropenia and septic shock

Interactive Questions — slide 147 @ 128 minutes

VIII. Conclusion

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