

# Oncologic

## Physical Therapy

*Description of Specialty Practice*

*Specialty Council on Oncologic Physical Therapy*



American Board of Physical Therapy Specialties

## CHAPTER 4: EXAMINATION CONTENT OUTLINE AND MEDICAL CONDITIONS SEEN BY ONCOLOGIC CLINICAL SPECIALISTS

The examination will comprise approximately 200 questions. Questions may include graphics. Examination questions can represent both a practice expectation and a knowledge area associated with that expectation. The following is a summary, including the percent of exam questions for each of the major components of the DSP.

Examination Content Domain	% of Exam	
<b>I. Knowledge Areas</b>		<b>15%</b>
A. Foundation sciences	5%	
B. Clinical sciences	5%	
C. Behavioral sciences	5%	
<b>II. Professional roles, responsibilities, and values</b>		<b>16%</b>
A. Professional behavior	2%	
B. Professional development	2%	
C. Communication	2%	
D. Social responsibility	2%	
E. Leadership	2%	
F. Education	1%	
G. Advocacy	1%	
H. Administration	1%	
I. Consultation	1%	
J. Evidence-based practice	2%	
<b>III. Patient and client management expectations</b>		<b>69%</b>
A. Examination	23%	
B. Reexamination		
C. Evaluation	14%	
D. Diagnosis		
E. Prognosis		
F. Intervention/instruction	27%	
G. Outcomes Assessment	5%	
<b>TOTAL</b>		<b>100%</b>

### Medical Conditions

The following list represents conditions that could be represented on the specialty exam. The list is meant to be a guide and is not comprehensive. Further, it is expected that consideration is given not only to the medical diagnosis of cancer, but also to the side effects and late effects of the treatments rendered to manage the disease, including but not limited to chemotherapy, radiation therapy, and surgery.

#### • Types of Cancer

- Breast
- Prostate
- Lung
- Colorectal
- Ovarian
- Melanoma
- Cervical
- Uterine
- Bladder
- Testicular
- Pancreatic
- Leukemia
- Lymphoma
- Multiple myeloma
- Osteosarcoma
- Soft-tissue sarcoma
- Central nervous system
- Brain
- Kidney
- Stomach
- Head and neck
- Thyroid
- Paraneoplastic syndromes

#### • Musculoskeletal

- Bone metastasis
- Hormonal deprivation induced osteoporosis
- Pelvic pain, hypertonus, vaginal fibrosis
- Weakness
- Postural deviations from radiation-related tissue contraction
- Loss of ROM
- Cording/axillary web syndrome
- Steroid myopathy

- **Neurological**
  - Nerve palsies (facial, spinal accessory, long thoracic)
  - Brachial plexopathies (radiation induced vs metastatic)
  - Lumbosacral plexopathies
  - Peripheral neuropathies
  - Balance dysfunction
  - Chemotherapeutic neurotoxicities
  - Falls
  - Gait abnormalities
  - Spinal cord compression
  - Brain and CNS metastasis
  
- **Integumentary**
  - Radiation fibrosis
  - Phlebotoxicity
  - Radiotherapy toxicities
  - Skin extrusion
  - Infection
  
- **Cardiovascular and Pulmonary**
  - Deconditioning
  - Cancer-related fatigue
  - Lymphedema
  - Chemotherapeutic cardiotoxicities
  - Interstitial pulmonary fibrosis
  - Cachexia
  - Vena cava syndrome
  - Pulmonary metastasis
  
- **Immunosuppressive**
  - Graft vs Host disease
  - Scleroderma
  - Thrombocytopenia
  - Neutropenia
  - Anemia
  
- **End of Life**