

## Curricular Standards Guide: NPTE & CAPTE PHYSICAL THERAPY (PT)

### WEB APPLICATIONS

#### Acute Care






#### FSBPT: NPTE-PT Test Content Outline -

- BODY SYSTEM:
  - Cardiovascular & Pulmonary
  - Musculoskeletal System
  - Neuromuscular & Nervous Systems
- NONSYSTEM:
  - Safety & Protection
  - Equipment, Devices, & Technology

#### CAPTE: PT Standards and Required Elements

- 7A The physical therapist professional curriculum includes content and learning experiences in the biological, physical, behavioral and movement sciences necessary for entry level practice. Topics covered include anatomy, physiology, genetics, exercise science, biomechanics, kinesiology, neuroscience, pathology, pharmacology, diagnostic imaging, histology, nutrition, and psychosocial aspects of health and disability.
- 7C The physical therapist professional curriculum includes content and learning experiences about the cardiovascular, endocrine and metabolic, gastrointestinal, genital and reproductive, hematologic, hepatic and biliary, immune, integumentary, lymphatic, musculoskeletal, nervous, respiratory, and renal and urologic systems; system interactions; differential diagnosis; and the medical and surgical conditions across the lifespan commonly seen in physical therapy practice.
- Examination, Evaluation and Diagnosis
  - 7D17: Obtain a history and relevant information from the patient/client and from other sources as needed.
  - 7D20: Evaluate data from the examination (history, health record, systems review, and tests and measures) to make clinical judgments.
  - 7D24 Establish a safe and effective plan of care in collaboration with appropriate stakeholders, including

	<p>patients/clients, family members, payors, other professionals and other appropriate individuals.</p> <ul style="list-style-type: none"> <li>○ 7D26 Create a discontinuation of episode of care plan that optimizes success for the patient in moving along the continuum of care.</li> </ul> <ul style="list-style-type: none"> <li>● Intervention             <ul style="list-style-type: none"> <li>○ 7D27 Competently perform physical therapy interventions to achieve patient/client goals and outcomes. Interventions include: h. Patient/Client education.</li> </ul> </li> </ul> <p><b>Textbook References</b></p> <ul style="list-style-type: none"> <li>● Paz JC. <i>Acute Care Handbook for Physical Therapists</i>. Saunders; 2020.</li> </ul>
<p>Adaptive Equipment</p> 	<p><b>FSBPT: NPTE-PT Test Content Outline -</b></p> <ul style="list-style-type: none"> <li>● NONSYSTEM:             <ul style="list-style-type: none"> <li>○ Equipment, Devices, &amp; Technology</li> </ul> </li> </ul> <p><b>CAPTE: PT Standards and Required Elements</b></p> <ul style="list-style-type: none"> <li>● Examination, Evaluation, and Diagnosis             <ul style="list-style-type: none"> <li>○ 7D19 Select, and competently administer tests and measures appropriate to the patient's age, diagnosis and health status including, but not limited to, those that assess:                 <ul style="list-style-type: none"> <li>■ f. Self-Care and Civic, Community, Domestic, Education, Social and Work Life</li> </ul> </li> <li>○ 7D20 Evaluate data from the examination (history, health record, systems review, and tests and measures) to make clinical judgments.</li> </ul> </li> <li>● Prognosis and Plan of Care             <ul style="list-style-type: none"> <li>○ 7D24 Establish a safe and effective plan of care in collaboration with appropriate stakeholders, including patients/clients, family members, payors, other professionals and other appropriate individuals.</li> </ul> </li> <li>● Intervention             <ul style="list-style-type: none"> <li>○ 7D27 Competently perform physical therapy interventions to achieve patient/client goals and outcomes. Interventions include:                 <ul style="list-style-type: none"> <li>■ b. Assistive Technology: Prescription, Application, and, as appropriate, Fabrication or Modification</li> <li>■ d. Functional Training in Self-Care and in Domestic, Education, Work, Community, Social, and Civic Life</li> </ul> </li> </ul> </li> </ul>

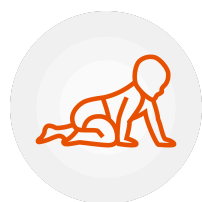
	<ul style="list-style-type: none"> <li>■ h. Patient/Client education</li> </ul> <p><b>Textbook References</b></p> <ul style="list-style-type: none"> <li>● American Occupational Therapy Association. (2020). Occupational therapy practice framework: Domain et process.</li> </ul>
<p>Assistive Devices</p> 	<p><b>FSBPT: NPTE-PT Test Content Outline</b></p> <ul style="list-style-type: none"> <li>● NONSYSTEM: Equipment, Devices, &amp; Technologies</li> </ul> <p><b>CAPTE: PT Standards and Required Elements</b></p> <ul style="list-style-type: none"> <li>● Examination, Evaluation &amp; Diagnosis <ul style="list-style-type: none"> <li>○ 7D19: Select, and competently administer tests and measures<sup>52</sup> appropriate to the patient's age, diagnosis and health status including, but not limited to, those that assess: <ul style="list-style-type: none"> <li>■ 7D19c: Assistive Technology</li> <li>■ 7D19i: Gait</li> </ul> </li> </ul> </li> <li>● Intervention <ul style="list-style-type: none"> <li>○ 7D27d: Functional Training in Self-Care and in Domestic, Education, Work, Community, Social, and Civic Life</li> <li>○ 7D27g: Motor Function Training (balance, gait, etc.)</li> </ul> </li> </ul> <p><b>Textbook Reference</b></p> <ul style="list-style-type: none"> <li>● American Physical Therapy Association. (2020). Guide to physical therapist practice (3rd ed.). American Physical Therapy Association.</li> <li>● O'Sullivan, S. B., Schmitz, T. J., &amp; Fulk, G. D. (2019). Physical rehabilitation (7th ed.). F.A. Davis.</li> <li>● Fairchild, S. L., O'Shea, R. K., &amp; Washington, R. D. (2018). Pierson and Fairchild's Principles &amp; Techniques of Patient Care (6th ed.). Elsevier.</li> </ul>
<p>Cardiopulmonary Rehabilitation</p> 	<p><b>FSBPT: NPTE-PT Test Content Outline -</b></p> <ul style="list-style-type: none"> <li>● BODY SYSTEMS: Cardiovascular &amp; Pulmonary Systems</li> </ul> <p><b>CAPTE: PT Standards and Required Elements</b></p> <ul style="list-style-type: none"> <li>● Examination, Evaluation, and Diagnosis <ul style="list-style-type: none"> <li>○ 7D18: Perform systems review</li> <li>○ 7D19: Select, and competently administer tests and measures<sup>52</sup> appropriate to the patient's age, diagnosis and health status including, but not limited to, those that assess: <ul style="list-style-type: none"> <li>■ 7D19a: Aerobic Capacity/Endurance</li> <li>■ 7D19e: Circulation (Arterial, Venous, Lymphatic)</li> <li>■ 7D19m: Mobility (including Locomotion)</li> </ul> </li> </ul> </li> </ul>

- 7D19w: Ventilation and Respiration or Gas Exchange
  - 7D20: Evaluate data from the examination (history, health record, systems review, and tests and measures) to make clinical judgments.
  - 7D21: Use the International Classification of Function (ICF) to describe a patient's/client's impairments, activity and participation limitations.
  - 7D22: Determine a diagnosis that guides future patient/client management.
- Intervention
  - 7D27a: Airway Clearance Techniques
  - 7D27d: Functional Training in Self-Care and in Domestic, Education, Work, Community, Social, and Civic Life
  - 7D27i: Therapeutic Exercise

**Textbook References**

- Hillegass, E. A. (2016). Essentials of cardiopulmonary physical therapy (4th ed.). Elsevier/Saunders.
- American Physical Therapy Association. (2020). Guide to physical therapist practice (3rd ed.). American Physical Therapy Association.
- Goodman, C. C., & Fuller, K. S. (2015). Pathology: Implications for the physical therapist (4th ed.). Elsevier Saunders.
- Goodman, C. C. (2017). Pathology for the physical therapist assistant (2nd ed.). Elsevier.
- O'Sullivan, S. B., Schmitz, T. J., & Fulk, G. D. (2019). Physical rehabilitation (7th ed.). F.A. Davis.

Developmental Milestones







**CAPTE: PT Standards and Required Elements**

- Examination, Evaluation, and Diagnosis
  - 7D19: Select, and competently administer tests and measures appropriate to the patient's age, diagnosis and health status including, but not limited to, those that assess:
    - p. Neuromotor Development and Sensory Processing'
    - t. Reflex Integrity

**Textbook References**

- Palisano, R. J., Orlin, M., & Schriber, J. (2018). Campbell's Physical Therapy for Children (5th ed.). Elsevier.
- O'Sullivan, S. B., Schmitz, T. J., & Fulk, G. D. (2019). Physical rehabilitation (7th ed.). F.A. Davis.

<p>Evidence-based Taping</p> 	<p><b>FSBPT: NPTE-PT Test Content Outline</b></p> <p>NONSYSTEM:</p> <ul style="list-style-type: none"> <li>• Research &amp; Evidence-based practice</li> </ul> <p><b>Textbook References</b></p> <ul style="list-style-type: none"> <li>• Fairchild, S. L., O'Shea, R. K., &amp; Washington, R. D. (2018). Pierson and Fairchild's Principles &amp; Techniques of Patient Care (6th ed.). Elsevier.</li> </ul>
<p>Exercise Patterns</p> 	<p><b>FSBPT: NPTE-PT Test Content Outline</b></p> <p>NONSYSTEM:</p> <ul style="list-style-type: none"> <li>• Research &amp; Evidence-based practice</li> </ul> <p><b>CAPTE: PT Standards and Required Elements</b></p> <ul style="list-style-type: none"> <li>• Intervention             <ul style="list-style-type: none"> <li>○ 7D27 Competently perform physical therapy interventions to achieve patient/client goals and outcomes. Interventions include:                 <ul style="list-style-type: none"> <li>■ i. Therapeutic Exercise</li> </ul> </li> </ul> </li> </ul> <p><b>Textbook References</b></p> <ul style="list-style-type: none"> <li>• Liguori, G., &amp; American College of Sports Medicine. (2021). ACSM's Resource Manual for Guidelines for Exercise Testing &amp; Prescription (11th ed.). Wolters Kluwer.</li> <li>• American Physical Therapy Association. (2020). Guide to physical therapist practice (3rd ed.). American Physical Therapy Association.</li> <li>• O'Sullivan, S. B., Schmitz, T. J., &amp; Fulk, G. D. (2019). Physical rehabilitation (7th ed.). F.A. Davis.</li> <li>• Kisner, C., Borstad, J., &amp; Colby, L. A. (2018). Therapeutic exercise: Foundations and techniques (7th ed.). F.A. Davis.</li> </ul>

<p style="text-align: center;">Gait</p> 	<p><b>CAPTE: PT Standards and Required Elements</b></p> <ul style="list-style-type: none"> <li>● Examination, Evaluation, and Diagnosis <ul style="list-style-type: none"> <li>○ 7D19: Select, and competently administer tests and measures appropriate to the patient's age, diagnosis and health status including, but not limited to, those that assess: <ul style="list-style-type: none"> <li>■ 7D19i: Gait</li> <li>■ 7D19m: Mobility (including Locomotion)</li> </ul> </li> <li>○ 7D20: Evaluate data from the examination (history, health record, systems review, and tests and measures) to make clinical judgments.</li> <li>○ 7D21: Use the International Classification of Function (ICF) to describe a patient's/client's impairments, activity and participation limitations.</li> <li>○ 7D22: Determine a diagnosis that guides future patient/client management.</li> </ul> </li> <li>● Intervention <ul style="list-style-type: none"> <li>○ 7D27d: Functional Training in Self-Care and in Domestic, Education, Work, Community, Social, and Civic Life</li> </ul> </li> </ul> <p><b>Textbook References</b></p> <ul style="list-style-type: none"> <li>● American Physical Therapy Association. (2020). Guide to physical therapist practice (3rd ed.). American Physical Therapy Association.</li> <li>● O'Sullivan, S. B., Schmitz, T. J., &amp; Fulk, G. D. (2019). Physical rehabilitation (7th ed.). F.A. Davis.</li> </ul>
<p style="text-align: center;">Lines &amp; Tubes</p> 	<p><b>FSBPT: NPTE-PT Test Content Outline</b></p> <ul style="list-style-type: none"> <li>● NONSYSTEM: Equipment, Devices, &amp; Technologies</li> </ul> <p><b>CAPTE: PT Standards and Required Elements</b></p> <ul style="list-style-type: none"> <li>○ Examination, Evaluation, and Diagnosis <ul style="list-style-type: none"> <li>■ 7D19h: Environmental Factors</li> <li>■ 7D19m: Mobility (including Locomotion)</li> </ul> </li> <li>○ Intervention <ul style="list-style-type: none"> <li>■ 7D27d: Competently perform physical therapy interventions to achieve patient/client goals and outcomes. Interventions include: Functional Training in Self-Care and in Domestic, Education, Work, Community, Social, and Civic Life</li> </ul> </li> </ul>

## MSK Decision Tree




### FSBPT: NPTE-PT Test Content Outline

- BODY SYSTEM
  - System Interactions
  - Musculoskeletal System
  - Neuromuscular & Nervous Systems
  - Research & Evidence-based Practice

### CAPTE: PT Standards and Required Elements

- Patient/Client Management/Screening
  - 7D16: Determine when patients/clients need further examination or consultation by a physical therapist or referral to another health care professional.
- Examination, Evaluation, and Diagnosis
  - 7D17 Obtain a history and relevant information from the patient/client and from other sources as needed.
  - 7D18 Perform systems review.
  - 7D19 Select, and competently administer tests and measures appropriate to the patient's age, diagnosis and health status including, but not limited to, those that assess:
    - f. Self-Care and Civic, Community, Domestic, Education, Social and Work Life
    - g Cranial and Peripheral Nerve Integrity
    - k. Joint Integrity and Mobility
    - n. Motor Function
    - o. Muscle Performance (including Strength, Power, Endurance, and Length)
    - q. Pain
    - r. Posture
    - s. Range of Motion
    - t. Reflex Integrity
    - u. Sensory Integrity
    - v. Skeletal Integrity
  - 7D20 Evaluate data from the examination (history, health record, systems review, and tests and measures) to make clinical judgments.
  - 7D21 Use the International Classification of Function (ICF) to describe a patient's/client's impairments, activity and participation limitations.
  - 7D22 Determine a diagnosis that guides future patient/client management.
- Prognosis and Plan of Care
  - 7D23 Determine patient/client goals and expected outcomes within available resources (including applicable payment sources) and specify expected length of time to achieve the goals and outcomes.
  - 7D24 Establish a safe and effective plan of care in collaboration with appropriate stakeholders, including patients/clients, family members, payors, other professionals and other appropriate individuals.
  - 7D26 Create a discontinuation of episode of care plan that optimizes success for the patient in moving along the

	<p>continuum of care.</p> <ul style="list-style-type: none"> <li>● Intervention             <ul style="list-style-type: none"> <li>○ 7D27 Competently perform physical therapy interventions to achieve patient/client goals and outcomes. Interventions include:                 <ul style="list-style-type: none"> <li>■ d. Functional Training in Self-Care and in Domestic, Education, Work, Community, Social, and Civic Life</li> <li>■ f. Manual Therapy Techniques (including mobilization/manipulation thrust and nonthrust techniques)</li> <li>■ i. Therapeutic Exercise</li> </ul> </li> </ul> </li> <li>● Management of Care Delivery             <ul style="list-style-type: none"> <li>○ 7D28 Manage the delivery of the plan of care that is consistent with professional obligations, interprofessional collaborations, and administrative policies and procedures of the practice environment.</li> <li>○ 7D30 Monitor and adjust the plan of care in response to patient/client status.</li> <li>○ 7D31 Assess patient outcomes, including the use of appropriate standardized tests and measures that address impairments, functional status and participation.</li> </ul> </li> </ul> <p><b>References</b></p> <ul style="list-style-type: none"> <li>● <a href="https://www.orthopt.org/content/practice/clinical-practice-guidelines/published-cpgs">https://www.orthopt.org/content/practice/clinical-practice-guidelines/published-cpgs</a></li> </ul>
<p>Medical Screening</p> 	<p><b>FSBPT: NPTE-PT Test Content Outline</b></p> <ul style="list-style-type: none"> <li>● BODY SYSTEM:             <ul style="list-style-type: none"> <li>○ Cardiovascular &amp; Pulmonary Systems</li> <li>○ Musculoskeletal System</li> <li>○ Neuromuscular &amp; Nervous Systems</li> <li>○ Integumentary System</li> <li>○ Metabolic &amp; Endocrine Systems</li> <li>○ Gastrointestinal System</li> <li>○ Genitourinary System</li> <li>○ Lymphatic System</li> </ul> </li> </ul> <p><b>CAPTE: PT Standards and Required Elements</b></p> <ul style="list-style-type: none"> <li>● Patient/Client Management Screening             <ul style="list-style-type: none"> <li>○ 7D16 Determine when patients/clients need further examination or consultation by a physical therapist or referral to another health care professional.</li> </ul> </li> <li>● Examination, Evaluation, and Diagnosis             <ul style="list-style-type: none"> <li>○ 7D17 Obtain a history and relevant information from the patient/client and from other sources as needed.</li> <li>○ 7D18 Perform systems review.</li> <li>○ 7D19 Select, and competently administer tests and measures appropriate to the patient's age, diagnosis and health status including, but not limited to, those that assess:                 <ul style="list-style-type: none"> <li>■ d. Balance</li> <li>■ e. Circulation (Arterial, Venous, Lymphatic)</li> <li>■ g. Cranial and Peripheral Nerve Integrity</li> </ul> </li> </ul> </li> </ul>



- j. Integumentary Integrity
- k. Joint Integrity and Mobility
- m. Mobility (including Locomotion)
- n. Motor Function
- o. Muscle Performance (including Strength, Power, Endurance, and Length)
- s. Range of Motion
- t. Reflex Integrity
- 7D20 Evaluate data from the examination (history, health record, systems review, and tests and measures) to make clinical judgments.
- 7D21 Use the International Classification of Function (ICF) to describe a patient's/client's impairments, activity and participation limitations.
- 7D22 Determine a diagnosis that guides future patient/client management.

#### Textbook References

- Bickley L., Szilagy P, Hoffman R. Bates' guide to physical examination and history taking. 12th ed. Philadelphia: Wolters Kluwer, 2017.
- Boissonnault WG, Vanwye WR. Primary care for the physical therapist: examination and triage. 3rd ed. Elsevier Health Sciences; 2021.
- Heick J, Lazaro RT. Goodman and Snyder's Differential Diagnosis for Physical Therapists-E-Book: Screening for Referral. Elsevier Health Sciences; 2022 Jun 25.

#### Mental Health



#### FSBPT: NPTE-PT Test Content Outline

- BODY SYSTEM:
  - System Interactions
    - Psychological and psychiatric conditions that impact patient/client management (e.g., grief, depression, schizophrenia)
    - Dimensions of pain that impact patient/client management (e.g., psychological, social, physiological, neurological, mechanical)
- NONSYSTEM:
  - Safety and Protection
    - • Signs/symptoms of physical, sexual, and psychological abuse and neglect

#### CAPTE: PT Standards and Required Elements

- Examination, Evaluation and Diagnosis
  - 7D17 Obtain a history and relevant information from the patient/client and from other sources as needed. 7D19 Select, and competently administer tests and measures appropriate to the patient's age, diagnosis and health status including, but not limited to, those that assess: l. Mental Functions q. Pain
  - 7D20 Evaluate data from the examination (history, health record, systems review, and tests and measures) to make clinical judgments.
- Prognosis and Plan of Care
  - 7D24 Establish a safe and effective plan of care in collaboration with appropriate stakeholders, including patients/clients, family members, payors, other professionals and other appropriate individuals.
- Management of Care Delivery
  - 7D28 Manage the delivery of the plan of care that is consistent with professional obligations, interprofessional collaborations, and administrative policies and procedures of the practice environment.

**Textbook References**

- American Psychiatric Association. (2013). Diagnostic and statistical manual of mental disorders (5th ed.).
- Probst M, Skjaerven LH. Physiotherapy in Mental Health and Psychiatry - a scientific and clinical based approach. 1st ed. Elsevier; 2018.
- Preston J, Johnson J. Clinical Psychopharmacology. 9th ed. MedMaster; 2020.
- Brown, C. Stoffel, VC. Occupational Therapy in Mental Health - A Vision for Participation. 1st ed. F.A. Davis Company; 2011.

NeuroAnatomy




**FSBPT: NPTE-PT Test Content Outline**

- BODY SYSTEMS: Neuromuscular & Nervous systems

**CAPTE: PT Standards and Required Elements**

- 7A The physical therapist professional curriculum includes content and learning experiences in the biological, physical, behavioral and movement sciences necessary for entry level practice. Topics covered include anatomy, physiology, genetics, exercise science, biomechanics, kinesiology, neuroscience, pathology, pharmacology, diagnostic imaging, histology, nutrition, and psychosocial aspects of health and disability.
- 7C The physical therapist professional curriculum includes content and learning experiences about the cardiovascular, endocrine and metabolic, gastrointestinal, genital and reproductive, hematologic, hepatic and biliary, immune, integumentary, lymphatic, musculoskeletal, nervous, respiratory, and renal and urologic systems;

	<p>system interactions; differential diagnosis; and the medical and surgical conditions across the lifespan commonly seen in physical therapy practice.</p> <p><b>Textbook References</b></p> <ul style="list-style-type: none"> <li>● Lundy-Ekman L. &amp; Weyer A. (2023). <i>Neuroscience : fundamentals for rehabilitation</i> (6th ed.). Elsevier.</li> <li>● Nichols-Larsen D. S. (2016). <i>Neurologic rehabilitation: neuroscience and neuroplasticity in physical therapy practice</i>. McGraw-Hill Education / Medical.</li> </ul>
<p>NeuroExam</p> 	<p><b>FSBPT: NPTE-PT Test Content Outline</b></p> <ul style="list-style-type: none"> <li>● BODY SYSTEMS: Neuromuscular &amp; nervous systems</li> </ul> <p><b>CAPTE: PT Standards and Required Elements</b></p> <ul style="list-style-type: none"> <li>● Examination, Evaluation, and Diagnosis <ul style="list-style-type: none"> <li>○ 7D18: Perform systems review.</li> <li>○ 7D19: Select, and competently administer tests and measures<sup>52</sup> appropriate to the patient's age, diagnosis and health status including, but not limited to, those that assess: <ul style="list-style-type: none"> <li>■ d. Balance</li> <li>■ f. Self-Care and Civic, Community, Domestic, Education, Social and Work Life</li> <li>■ n. Motor Function</li> <li>■ t. Reflex Integrity</li> <li>■ u. Sensory Integrity</li> </ul> </li> </ul> </li> </ul> <p><b>Textbook References</b></p> <ul style="list-style-type: none"> <li>● Goodman, C. C., Heick, J., &amp; Lazaro, R. T. (2018). <i>Differential diagnosis for physical therapists: Screening for referral</i> (6th ed.). Elsevier.</li> <li>● American Physical Therapy Association. (2020). <i>Guide to physical therapist practice</i> (3rd ed.). American Physical Therapy Association.</li> <li>● Martin, S. T., &amp; Kessler, M. (2016). <i>Neurologic interventions for physical therapy</i> (3rd ed.). Elsevier.</li> <li>● O'Sullivan, S. B., Schmitz, T. J., &amp; Fulk, G. D. (2019). <i>Physical rehabilitation</i> (7th ed.). F.A. Davis.</li> </ul>
<p>Neuro Rehab</p>	<p><b>CAPTE: PT Standards and Required Elements</b></p> <ul style="list-style-type: none"> <li>● Examination, Evaluation, and Diagnosis <ul style="list-style-type: none"> <li>○ 7D19: Select, and competently administer tests and measures<sup>52</sup> appropriate to the patient's age, diagnosis and health status including, but not limited to, those that assess: <ul style="list-style-type: none"> <li>■ l. Mental Functions</li> </ul> </li> </ul> </li> </ul>



- t. Reflex Integrity
    - u. Sensory Integrity
  - Intervention
    - 7D27: Competently perform physical therapy interventions to achieve patient/client goals and outcomes. Interventions include:
      - d. Functional Training in Self-Care and in Domestic, Education, Work, Community, Social, and Civic Life
      - g. Motor Function Training (balance, gait, etc.)
      - i. Therapeutic Exercise

#### Textbook References

- American Physical Therapy Association. (2020). Guide to physical therapist practice (3rd ed.). American Physical Therapy Association.
- Bellew, J. W., Michlovitz, S. B., & Nolan, T. P. (2016). Michlovitz's Modalities for Therapeutic Intervention (6th ed.). F.A. Davis.
- Martin, S. T., & Kessler, M. (2016). Neurologic interventions for physical therapy (3rd ed.). Elsevier.
- Goodman, C. C., & Fuller, K. S. (2015). Pathology: Implications for the physical therapist (4th ed.). Elsevier Saunders.
- Goodman, C. C. (2017). Pathology for the physical therapist assistant (2nd ed.). Elsevier.
- O'Sullivan, S. B., Schmitz, T. J., & Fulk, G. D. (2019). Physical rehabilitation (7th ed.). F.A. Davis.

#### Neuro Conditions Library



#### FSBPT: NPTE-PT Test Content Outline

- BODY SYSTEMS: Neuromuscular & nervous systems

#### CAPTE: PT Standards and Required Elements

- Examination, Evaluation, and Diagnosis
  - 7D18: Perform systems review.
  - 7D19: Select, and competently administer tests and measures appropriate to the patient's age, diagnosis and health status including, but not limited to, those that assess:
    - d. Balance
    - f. Self-Care and Civic, Community, Domestic, Education, Social and Work Life
    - l. Mental Functions
    - n. Motor Function
    - t. Reflex Integrity
    - u. Sensory Integrity
- Intervention
  - 7D27: Competently perform physical therapy interventions to achieve patient/client goals and outcomes. Interventions include:
    - d. Functional Training in Self-Care and in Domestic, Education, Work, Community, Social, and Civic Life

- g. Motor Function Training (balance, gait, etc.)
- i. Therapeutic Exercise

### Textbook References

- American Physical Therapy Association. (2020). Guide to physical therapist practice (3rd ed.). American Physical Therapy Association.
- Bellew, J. W., Michlovitz, S. B., & Nolan, T. P. (2016). Michlovitz's Modalities for Therapeutic Intervention (6th ed.). F.A. Davis.
- Lundy-Ekman L. Neuroscience: Fundamentals for Rehabilitation. 6th ed. Elsevier; 2022.
- Martin, S. T., & Kessler, M. (2016). Neurologic interventions for physical therapy (3rd ed.). Elsevier.
- Goodman, C. C., & Fuller, K. S. (2015). Pathology: Implications for the physical therapist (4th ed.). Elsevier Saunders.
- Goodman, C. C. (2017). Pathology for the physical therapist assistant (2nd ed.). Elsevier.
- O'Sullivan, S. B., Schmitz, T. J., & Fulk, G. D. (2019). Physical rehabilitation (7th ed.). F.A. Davis.

## Orthopaedics



### FSBPT: NPTE-PT Test Content Outline

- BODY SYSTEM
  - System Interactions
  - Musculoskeletal System / Gastrointestinal System / Genitourinary system
  - Research & Evidence-based Practice


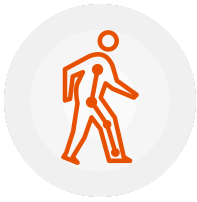

### CAPTE: PT Standards and Required Elements



- Patient/Client Management/Screening
  - 7D16: Determine when patients/clients need further examination or consultation by a physical therapist or referral to another health care professional.
- Examination, Evaluation, and Diagnosis
  - 7D17 Obtain a history and relevant information from the patient/client and from other sources as needed.
  - 7D18 Perform systems review.
  - 7D19 Select, and competently administer tests and measures appropriate to the patient's age, diagnosis and health status including, but not limited to, those that assess:
    - f. Self-Care and Civic, Community, Domestic, Education, Social and Work Life
    - h. Environmental Factors
    - i. Gait
    - k. Joint Integrity and Mobility
    - n. Motor Function
    - o. Muscle Performance (including Strength, Power, Endurance, and Length)

- t. Reflex Integrity
    - u. Sensory Integrity
    - v. Skeletal Integrity
  - 7D20 Evaluate data from the examination (history, health record, systems review, and tests and measures) to make clinical judgments.
  - 7D21 Use the International Classification of Function (ICF) to describe a patient's/client's impairments, activity and participation limitations.
  - 7D22 Determine a diagnosis that guides future patient/client management.
- Prognosis and Plan of Care
  - 7D23 Determine patient/client goals and expected outcomes within available resources (including applicable payment sources) and specify expected length of time to achieve the goals and outcomes.
- Intervention
  - 7D27 Competently perform physical therapy interventions to achieve patient/client goals and outcomes. Interventions include:
    - d. Functional Training in Self-Care and in Domestic, Education, Work, Community, Social, and Civic Life
    - f. Manual Therapy Techniques (including mobilization/manipulation thrust and nonthrust techniques)
    - i. Therapeutic Exercise

### Textbook References

- Liguori, G., & American College of Sports Medicine. (2021). ACSM's Resource Manual for Guidelines for Exercise Testing & Prescription (11th ed.). Wolters Kluwer.
- Goodman, C. C., Heick, J., & Lazaro, R. T. (2018). Differential diagnosis for physical therapists: Screening for referral (6th ed.). Elsevier.
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- Goodman, C. C., & Fuller, K. S. (2015). Pathology: Implications for the physical therapist (4th ed.). Elsevier Saunders.
- Goodman, C. C. (2017). Pathology for the physical therapist assistant (2nd ed.). Elsevier.
- O'Sullivan, S. B., Schmitz, T. J., & Fulk, G. D. (2019). Physical rehabilitation (7th ed.). F.A. Davis.
- Kisner, C., Borstad, J., & Colby, L. A. (2018). Therapeutic exercise: Foundations and techniques (7th ed.). F.A. Davis.

<p>PNF</p> 	<p><b>CAPTE: PT Standards and Required Elements</b></p> <ul style="list-style-type: none"> <li>● Intervention             <ul style="list-style-type: none"> <li>● 7D27: Competently perform physical therapy interventions to achieve patient/client goals and outcomes. Interventions include:                 <ul style="list-style-type: none"> <li>○ i. Therapeutic Exercise</li> </ul> </li> </ul> </li> </ul> <p><b>Textbook References</b></p> <ul style="list-style-type: none"> <li>● Shumway-Cook, A., Rachwani, J., Woollacott, M. H., &amp; Santamaria, V. (2017). Motor control: Translating research into clinical practice (5th ed.). Wolters Kluwer.</li> <li>● Martin, S. T., &amp; Kessler, M. (2016). Neurologic interventions for physical therapy (3rd ed.). Elsevier.</li> <li>● Lundy-Ekman, L. (2016). Neuroscience: Fundamentals for rehabilitation (7th ed.). Elsevier.</li> <li>● Lazaro, R. T., Reina-Guerra, S. G., &amp; Quiben, M. U. (2020). Umphred's neurological rehabilitation (7th ed.). Elsevier.</li> </ul>
<p>Pediatric Gait VR</p> 	<p><b>CAPTE: PT Standards and Required Elements</b></p> <ul style="list-style-type: none"> <li>● Participation in Health Care Environment</li> <li>● 7D37 Assess and document safety risks of patients and the healthcare provider and design and implement strategies to improve safety in the healthcare setting as an individual and as a member of the interprofessional healthcare team</li> </ul>
<p>Pharmacology</p> 	<p><b>CAPTE: PT Standards and Required Elements</b></p> <ul style="list-style-type: none"> <li>● 7A The physical therapist professional curriculum includes content and learning experiences in the biological, physical, behavioral and movement sciences necessary for entry level practice. Topics covered include anatomy, physiology, genetics, exercise science, biomechanics, kinesiology, neuroscience, pathology, pharmacology, diagnostic imaging, histology, nutrition, and psychosocial aspects of health and disability.</li> </ul> <p><b>Textbook References</b></p> <ul style="list-style-type: none"> <li>● Ciccone, C. D., Bednarek, M. L., &amp; Miller, K. L. (2016). Pharmacology in rehabilitation (5th ed.). F.A. Davis Company.</li> </ul>

<p>Physical Agents</p> 	<p><b>CAPTE: PT Standards and Required Elements</b></p> <ul style="list-style-type: none"> <li>● Intervention             <ul style="list-style-type: none"> <li>○ 7D27 Biophysical Agents</li> </ul> </li> </ul> <p><b>Textbook References</b></p> <ul style="list-style-type: none"> <li>● Cameron, M. H. (2018). Physical Agents in rehabilitation: From research to practice (5th ed.). Elsevier - Health Sciences Division.</li> </ul>
<p>Post-Op</p> 	<p><b>FSBPT: NPTE-PT Test Content Outline</b></p> <ul style="list-style-type: none"> <li>● BODY SYSTEM             <ul style="list-style-type: none"> <li>○ Musculoskeletal System / Gastrointestinal System / Genitourinary system</li> <li>○ Research &amp; Evidence-based Practice</li> </ul> </li> </ul> <p><b>CAPTE: PT Standards and Required Elements</b></p> <ul style="list-style-type: none"> <li>● Patient/Client Management/Screening             <ul style="list-style-type: none"> <li>○ 7D16: Determine when patients/clients need further examination or consultation by a physical therapist or referral to another health care professional.</li> </ul> </li> <li>● Examination, Evaluation, and Diagnosis             <ul style="list-style-type: none"> <li>○ 7D17 Obtain a history and relevant information from the patient/client and from other sources as needed.</li> <li>○ 7D18 Perform systems review.</li> <li>○ 7D19 Select, and competently administer tests and measures appropriate to the patient's age, diagnosis and health status including, but not limited to, those that assess:                 <ul style="list-style-type: none"> <li>■ f. Self-Care and Civic, Community, Domestic, Education, Social and Work Life</li> <li>■ h. Environmental Factors</li> <li>■ k. Joint Integrity and Mobility</li> <li>■ n. Motor Function</li> <li>■ o. Muscle Performance (including Strength, Power, Endurance, and Length)</li> <li>■ s. Range of Motion</li> </ul> </li> <li>○ 7D20 Evaluate data from the examination (history, health record, systems review, and tests and measures) to make clinical judgments.</li> <li>○ 7D21 Use the International Classification of Function (ICF) to describe a patient's/client's impairments, activity and participation limitations.</li> </ul> </li> <li>● Prognosis and Plan of Care             <ul style="list-style-type: none"> <li>○ 7D23 Determine patient/client goals and expected outcomes within available resources (including applicable payment sources) and specify expected length of time to achieve the goals and outcomes.</li> </ul> </li> </ul>



- 7D24 Establish a safe and effective plan of care in collaboration with appropriate stakeholders, including patients/clients, family members, payors, other professionals and other appropriate individuals.
- 7D25 Determine those components of the plan of care that may, or may not, be directed to the physical therapist assistant (PTA) based on (a) the needs of the patient/client, (b) the role, education, and training of the PTA, (c) competence of the individual PTA, (d) jurisdictional law, (e) practice guidelines policies, and (f) facility policies.
- Intervention
  - 7D27 Competently perform physical therapy interventions to achieve patient/client goals and outcomes. Interventions include:
    - d. Functional Training in Self-Care and in Domestic, Education, Work, Community, Social, and Civic Life
    - f. Manual Therapy Techniques (including mobilization/manipulation thrust and nonthrust techniques)
    - g. Motor Function Training
    - h. Patient Client Education
    - i. Therapeutic Exercise

ROM, MMT, and Palpation




#### CAPTE: PT Standards and Required Elements

- Examination, Evaluation & Diagnosis
  - 7D19: Select, and competently administer tests and measures appropriate to the patient's age, diagnosis and health status including, but not limited to, those that assess:
    - Muscle Performance (including Strength, Power, Endurance, and Length)
    - Range of Motion

#### Textbook References

- Gilroy, A. M., MacPherson, B. R., Wikenheiser, J. C., Schünke Michael, Schulte, E., Schumacher, U., Zeberg, H., Voll, M., & Wesker, K. (2020). Atlas of Anatomy (4th ed.). Thieme.
- Netter, F. H. (2019). Atlas of Human Anatomy (7th ed.). Elsevier.
- Lippert, L. S. (2017). Clinical Kinesiology and Anatomy (6th ed.). F.A. Davis Company.
- Moore, K. L., & Dalley, A. F. (2018). Clinically oriented anatomy (8th ed.). Lippincott Williams and Wilkins.
- Avers, D., & Brown, M. (2018). Daniels and Worthingham's muscle testing: Techniques of manual examination and performance testing. Elsevier.
- Manske, R. C. (2022). Fundamental Orthopedic management for the physical therapist assistant (5th ed.). Elsevier Health Sciences.
- Jewell, D. V. (2018). Guide to evidence-based physical therapist practice (4th ed.). Jones & Bartlett Learning.
- American Physical Therapy Association. (2020). Guide to physical therapist practice (3rd ed.). American Physical Therapy Association.
- Neumann, D. A., Kelly, E. R., & Kiefer, C. (2017). Kinesiology of the musculoskeletal system: Foundations for rehabilitation (3rd ed.). Elsevier.
- Norkin, C. C., & White, D. J. (2016). Measurement of joint motion a guide to goniometry (5th ed.). Davis.
- Shumway-Cook, A., Rachwani, J., Woollacott, M. H., & Santamaria, V. (2017). Motor control: Translating research into

	<p>clinical practice (5th ed.). Wolters Kluwer.</p> <ul style="list-style-type: none"> <li>● Magee, D. J. (2014). Orthopedic Physical Examination (6th ed.). Elsevier Saunders.</li> <li>● O'Sullivan, S. B., Schmitz, T. J., &amp; Fulk, G. D. (2019). Physical rehabilitation (7th ed.). F.A. Davis.</li> <li>● Kisner, C., Borstad, J., &amp; Colby, L. A. (2018). Therapeutic exercise: Foundations and techniques (7th ed.). F.A. Davis</li> <li>● Kendall FP, Romani WA, Rodgers MM, Provance PG, McCreary EK. Muscle Testing and Function with Posture and Pain. 5th ed. Lippincott Williams; 2005.</li> <li>● Berryman Reese N, Lovelace-Chandler V, Soderberg GL, Zabel RJ. Muscle and Sensory Testing. 2nd ed. Elsevier Saunders; 2005. .</li> </ul>
<p>Special Tests</p> 	<p><b>FSBPT: NPTE-PT Test Content Outline - BODY SYSTEM:</b></p> <ul style="list-style-type: none"> <li>● System Interactions</li> <li>● Musculoskeletal System / Gastrointestinal System / Genitourinary system</li> </ul> <p><b>CAPTE: PT Standards and Required Elements</b></p> <ul style="list-style-type: none"> <li>● Examination, Evaluation, and Diagnosis <ul style="list-style-type: none"> <li>○ 7D19 Select, and competently administer tests and measures appropriate to the patient's age, diagnosis and health status including, but not limited to, those that assess: <ul style="list-style-type: none"> <li>t. Reflex Integrity</li> </ul> </li> </ul> </li> </ul> <p><b>Textbook References</b></p> <ul style="list-style-type: none"> <li>● Manske, R. C. (2022). Fundamental Orthopedic management for the physical therapist assistant (5th ed.). Elsevier Health Sciences.</li> <li>● American Physical Therapy Association. (2020). Guide to physical therapist practice (3rd ed.). American Physical Therapy Association.</li> <li>● Magee, D. J. (2014). Orthopedic Physical Examination (6th ed.). Elsevier Saunders.</li> <li>● O'Sullivan, S. B., Schmitz, T. J., &amp; Fulk, G. D. (2019). Physical rehabilitation (7th ed.). F.A. Davis.</li> </ul>

## Splinting



### CAPTE: PT Standards and Required Elements

- 2B4 program resources are meeting, and will continue to meet, current and projected program needs including, but not limited to, financial resources, staff, space, equipment, technology, materials, library and learning resources, and student services.

### Textbook References

- Manske, R. C. (2022). *Fundamental Orthopedic management for the physical therapist assistant* (5th ed.). Elsevier Health Sciences.
- American Physical Therapy Association. (2020). *Guide to physical therapist practice* (3rd ed.). American Physical Therapy Association.
- Magee, D. J. (2014). *Orthopedic Physical Examination* (6th ed.). Elsevier Saunders.
- O'Sullivan, S. B., Schmitz, T. J., & Fulk, G. D. (2019). *Physical rehabilitation* (7th ed.). F.A. Davis.

## Surface Anatomy Palpation



### CAPTE: PT Standards and Required Elements

- 7C The physical therapist professional curriculum includes content and learning experiences about the cardiovascular, endocrine and metabolic, gastrointestinal, genital and reproductive, hematologic, hepatic and biliary, immune, integumentary, lymphatic, musculoskeletal, nervous, respiratory, and renal and urologic systems; system interactions; differential diagnosis; and the medical and surgical conditions across the lifespan commonly seen in physical therapy practice.

### Textbook References

- Gilroy, A. M., MacPherson, B. R., Wikenheiser, J. C., Schünke Michael, Schulte, E., Schumacher, U., Zeberg, H., Voll, M., & Wesker, K. (2020). *Atlas of Anatomy* (4th ed.). Thieme.
- Netter, F. H. (2019). *Atlas of Human Anatomy* (7th ed.). Elsevier.
- Lippert, L. S. (2017). *Clinical Kinesiology and Anatomy* (6th ed.). F.A. Davis Company.
- Moore, K. L., & Dalley, A. F. (2018). *Clinically oriented anatomy* (8th ed.). Lippincott Williams and Wilkins.
- Magee, D. J. (2014). *Orthopedic Physical Examination* (6th ed.). Elsevier Saunders.
- O'Sullivan, S. B., Schmitz, T. J., & Fulk, G. D. (2019). *Physical rehabilitation* (7th ed.). F.A. Davis.
- Biel, A. (2019). *Trail Guide to the body essentials* (6th ed.). Books of Discovery.

## Task Analysis



### CAPTE: PT Standards and Required Elements

- 7B The physical therapist professional curriculum includes content and learning experiences in communication, ethics and values, management, finance, teaching and learning, law, clinical reasoning, evidenced-based practice and applied statistics.
- 7C The physical therapist professional curriculum includes content and learning experiences about the cardiovascular, endocrine and metabolic, gastrointestinal, genital and reproductive, hematologic, hepatic and biliary, immune, integumentary, lymphatic, musculoskeletal, nervous, respiratory, and renal and urologic systems; system interactions; differential diagnosis; and the medical and surgical conditions across the lifespan commonly seen in physical therapy practice.

### Textbook References

- Erickson, M. L., & McKnight, R. (2018). Documentation basics: A guide for the physical therapist assistant (3rd ed.). SLACK.
- Bircher, W. D. (2018). Documentation for physical therapist assistants (5th ed.). F.A. Davis.
- American Physical Therapy Association. (2020). Guide to physical therapist practice (3rd ed.). American Physical Therapy Association.
- Neumann, D. A., Kelly, E. R., & Kiefer, C. (2017). Kinesiology of the musculoskeletal system: Foundations for rehabilitation (3rd ed.). Elsevier.
- Shumway-Cook, A., Rachwani, J., Woollacott, M. H., & Santamaria, V. (2017). Motor control: Translating research into clinical practice (5th ed.). Wolters Kluwer.
- Martin, S. T., & Kessler, M. (2016). Neurologic interventions for physical therapy (3rd ed.). Elsevier.
- Lundy-Ekman, L. (2016). Neuroscience: Fundamentals for rehabilitation (7th ed.). Elsevier.
- O'Sullivan, S. B., Schmitz, T. J., & Fulk, G. D. (2019). Physical rehabilitation (7th ed.). F.A. Davis.

## Vision



### FSBPT: NPTE-PT Test Content Outline

- BODY SYSTEM:
  - NEUROMUSCULAR & NERVOUS SYSTEMS:
    - Physical Therapy Examination.
      - Neuromuscular & nervous systems tests/measures, including outcome measures, and their applications according to current best evidence
    - Foundations for Evaluation, Differential Diagnosis, & Prognosis.
      - Neuromuscular & nervous systems (CNS, PNS, ANS) diseases/conditions and their pathophysiology to establish and carry out a plan of care, including prognosis
    - Interventions.
      - Neuromuscular & nervous systems physical therapy interventions and their applications for

rehabilitation, health promotion, and performance according to current best evidence

### **CAPTE: PT Standards and Required Elements**

- Patient/Client Management Screening
  - 7D16 Determine when patients/clients need further examination or consultation by a physical therapist or referral to another health care professional.
- Examination, Evaluation and Diagnosis
  - 7D17 Obtain a history and relevant information from the patient/client and from other sources as needed.
  - 7D19 Select, and competently administer tests and measures appropriate to the patient's age, diagnosis and health status including, but not limited to, those that assess:
    - p. Neuromotor Development and Sensory Processing q. Pain r. Posture s. Range of Motion t. Reflex Integrity
    - u. Sensory Integrity.
  - 7D20 Evaluate data from the examination (history, health record, systems review, and tests and measures) to make clinical judgments.
- Prognosis and Plan of Care
  - 7D24 Establish a safe and effective plan of care in collaboration with appropriate stakeholders, including patients/clients, family members, payors, other professionals and other appropriate individuals.
- Management of Care Delivery
  - 7D28 Manage the delivery of the plan of care that is consistent with professional obligations, interprofessional collaborations, and administrative policies and procedures of the practice environment.
  - 7D30 Monitor and adjust the plan of care in response to patient/client status.

### **Textbook References**

- Sterns GK, Faye EE. Low Vision. In: Riordan-Eva P, Cunningham ET, Jr. eds. Vaughan & Asbury's General Ophthalmology, 18e. New York, NY: McGraw-Hill; 2011.

# E-LEARNING & SIMULATIONS

## Acute Care Simulations



### FSBPT: NPTE-PT Test Content Outline - NONSYSTEM:

- Safety & Protection
  - Factors influencing safety and injury prevention (e.g., safe patient handling, fall prevention, equipment maintenance, environmental safety)
  - Function, implications, and related precautions of intravenous lines, tubes, catheters, monitoring devices, and mechanical ventilators/oxygen delivery devices
  - Infection control procedures (e.g., standard/universal precautions, isolation techniques, sterile technique)
- Equipment, Devices, & Technologies
  - Applications and adjustments, indications, contraindications, and precautions of protective, supportive, and orthotic devices/technologies (e.g., braces, helmets, taping, compression garments, serial casts, shoe inserts, splints, robotic exoskeleton)

### FSBPT: NPTE-PT Test Content Outline - BODY SYSTEM

- Cardiovascular & Pulmonary Systems
  - Cardiovascular & pulmonary systems tests/measures, including outcome measures, and their applications according to current best evidence
  - Anatomy and physiology of the cardiovascular & pulmonary systems as related to tests/measures
  - Cardiovascular & pulmonary systems diseases/conditions and their pathophysiology to establish and carry out a plan of care, including prognosis

### CAPTE: PT Standards and Required Elements

- Curriculum Plan - Standard 6
  - 6J The curriculum plan includes a variety of effective tests and measures and evaluation processes used by faculty to determine whether students have achieved the learning objectives. Regular, individual testing and evaluation of student performance in the cognitive, psychomotor, and affective domains is directly related to learning objectives and includes expectations for safe practice during clinical education experiences.
- Patient/Client Management Screening
  - 7D16 Determine when patients/clients need further examination or consultation by a physical therapist or referral to another health care professional.
- Examination, Evaluation and Diagnosis
  - 7D17 Obtain a history and relevant information from the patient/client and from other sources as

- needed.
- 7D19 Select, and competently administer tests and measures appropriate to the patient's age, diagnosis and health status including, but not limited to, those that assess:
  - c. Assistive Technology
  - d. Balance
  - E. Circulation (Arterial, Venous, Lymphatic)
  - w. Ventilation and Respiration or Gas Exchange
- 7D20 Evaluate data from the examination (history, health record, systems review, and tests and measures) to make clinical judgments.
- Prognosis and Plan of Care
  - 7D24 Establish a safe and effective plan of care in collaboration with appropriate stakeholders, including patients/clients, family members, payors, other professionals and other appropriate individuals.
- Management of Care Delivery
  - 7D28 Manage the delivery of the plan of care that is consistent with professional obligations, interprofessional collaborations, and administrative policies and procedures of the practice environment.
  - 7D30 Monitor and adjust the plan of care in response to patient/client status.

**Textbook References**

- Hillegass, E. A. (2016). Essentials of cardiopulmonary physical therapy (4th ed.). Elsevier/Saunders.

Assistive Devices Simulations



**FSBPT: NPTE-PT Test Content Outline - NONSYSTEM:**

- Safety & Protection
  - Factors influencing safety and injury prevention (e.g., safe patient handling, fall prevention, equipment maintenance, environmental safety)
- Equipment, Devices, & Technologies
  - Applications and adjustments, indications, contraindications, and precautions of assistive and adaptive devices/technologies (e.g., walkers, wheelchairs, adaptive seating systems and positioning devices, mechanical lifts)

**CAPTE: PT Standards and Required Elements**

- Curriculum Plan - Standard 6
  - 6J The curriculum plan includes a variety of effective tests and measures and evaluation processes used by faculty to determine whether students have achieved the learning objectives. Regular, individual testing and evaluation of student performance in the cognitive, psychomotor, and affective domains is directly related to learning objectives and includes expectations for

- safe practice during clinical education experiences.
- Standard 7: Examination, Evaluation and Diagnosis
    - 7D17 Obtain a history and relevant information from the patient/client and from other sources as needed.
    - 7D19 Select, and competently administer tests and measures<sup>52</sup> appropriate to the patient's age, diagnosis and health status including, but not limited to, those that assess:
      - c. Assistive Technology
      - d. Balance
    - 7D20 Evaluate data from the examination (history, health record, systems review, and tests and measures) to make clinical judgments.
  - Prognosis and Plan of Care
    - 7D24 Establish a safe and effective plan of care in collaboration with appropriate stakeholders, including patients/clients, family members, payors, other professionals and other appropriate individuals.
  - Management of Care Delivery
    - 7D28 Manage the delivery of the plan of care that is consistent with professional obligations, interprofessional collaborations, and administrative policies and procedures of the practice environment.
    - 7D30 Monitor and adjust the plan of care in response to patient/client status.

**Textbook References**

- Johansson, C., Ramsey, C., & Chinworth, S. A. (2018). Mobility in context: Principles of patient care skills (2nd ed.). F.A. Davis.
- Fairchild, S. L., O'Shea, R. K., & Washington, R. D. (2018). Pierson and Fairchild's Principles & Techniques of Patient Care (6th ed.). Elsevier.

Diagnostic Imaging Simulations



**FSBPT: NPTE-PT Test Content Outline - NONSYSTEM:**

- Research & Evidence-Based Practice - This category refers to the *application of measurement principles and research methods to make reasoned and appropriate assessment and to the interpretation of information sources* and practice research to support patient/client management decisions fundamental to evidence-based practice.
  - Research methodology and interpretation (e.g., qualitative, quantitative, levels of evidence)
- Equipment, Devices, & Technologies
  - Applications and adjustments, indications, contraindications, and precautions of protective, supportive, and orthotic devices/technologies (e.g., braces, helmets, taping, compression garments, serial casts, shoe inserts, splints, robotic exoskeleton)




## FSBPT: NPTE-PT Test Content Outline - BODY SYSTEM

- MUSCULOSKELETAL SYSTEM
  - Physical Therapy Examination
    - Musculoskeletal system tests/measures, including outcome measures, and their applications according to current best evidence.
    - Anatomy and physiology of the musculoskeletal system as related to tests/measures.
    - Movement analysis as related to the musculoskeletal system.
  - Foundations for Evaluation, Differential Diagnosis, & Prognosis
    - Nonpharmacological medical management of the musculoskeletal system (e.g., diagnostic imaging, laboratory test values, other medical tests, surgical procedures)
  - Interventions
    - Musculoskeletal system physical therapy interventions and their applications for rehabilitation, health promotion, and performance according to current best evidence

## CAPTE: PT Standards and Required Elements

- Curriculum Plan - Standard 6
  - 6J The curriculum plan includes a variety of effective tests and measures and evaluation processes used by faculty to determine whether students have achieved the learning objectives. Regular, individual testing and evaluation of student performance in the cognitive, psychomotor, and affective domains is directly related to learning objectives and includes expectations for safe practice during clinical education experiences.
- Patient/Client Management Screening
  - 7D16 Determine when patients/clients need further examination or consultation by a physical therapist or referral to another health care professional.
- Examination, Evaluation and Diagnosis
  - 7D17 Obtain a history and relevant information from the patient/client and from other sources as needed.
  - 7D19 Select, and competently administer tests and measures appropriate to the patient's age, diagnosis and health status including, but not limited to, those that assess:
    - v. Skeletal Integrity
  - 7D20 Evaluate data from the examination (history, health record, systems review, and tests and measures) to make clinical judgments.
- Prognosis and Plan of Care
  - 7D24 Establish a safe and effective plan of care in collaboration with appropriate stakeholders, including patients/clients, family members, payors, other professionals and other appropriate individuals.
- Management of Care Delivery
  - 7D28 Manage the delivery of the plan of care that is consistent with professional obligations, interprofessional collaborations, and administrative policies and procedures of the practice

	<p>environment.</p> <ul style="list-style-type: none"> <li>○ 7D30 Monitor and adjust the plan of care in response to patient/client status.</li> </ul> <p><b>Textbook References</b></p> <ul style="list-style-type: none"> <li>● McKinnis, L. N. (2014). Fundamentals of Musculoskeletal Imaging (4th ed.). F.A. Davis.</li> <li>● Magee, D. J. (2014). Orthopedic Physical Examination (6th ed.). Elsevier Saunders.</li> </ul>
<p>Interprofessional Education (IPE)</p> 	<p><b>FSBPT: NPTE-PT Test Content Outline - NONSYSTEM:</b></p> <ul style="list-style-type: none"> <li>● PROFESSIONAL RESPONSIBILITIES             <ul style="list-style-type: none"> <li>○ This category refers to the responsibilities of health-care providers to ensure that patient/client management and health-care decisions take place in a trustworthy environment.                 <ul style="list-style-type: none"> <li>■ Patient/client rights (e.g., ADA, IDEA, HIPAA, patient bill of rights)</li> <li>■ Roles and responsibilities of the physical therapist, physical therapist assistant, other healthcare professionals, and support staff</li> <li>■ Cultural factors and/or characteristics that affect patient/client management (e.g., language differences, disability, ethnicity, customs, demographics, religion)</li> <li>■ Socioeconomic factors that affect patient/client management</li> </ul> </li> </ul> </li> </ul> <p><b>CAPTE: PT Standards and Required Elements</b></p> <ul style="list-style-type: none"> <li>● Standard 6 - Curriculum Plan:             <ul style="list-style-type: none"> <li>○ 6J The curriculum plan includes a variety of effective tests and measures and evaluation processes used by faculty to determine whether students have achieved the learning objectives. Regular, individual testing and evaluation of student performance in the cognitive, psychomotor, and affective domains is directly related to learning objectives and includes expectations for safe practice during clinical education experiences.</li> </ul> </li> <li>Standard 7:</li> <li>● Professional Ethics, Values and Responsibilities             <ul style="list-style-type: none"> <li>○ 7D7 Communicate effectively with all stakeholders, including patients/clients, family members, caregivers, practitioners, interprofessional team members, consumers, payers, and policymakers.</li> </ul> </li> <li>● Patient/Client Management - Screening             <ul style="list-style-type: none"> <li>○ 7D16 Determine when patients/clients need further examination or consultation by a physical therapist or referral to another health care professional.</li> </ul> </li> <li>● Patient/Client Management - Examination, Evaluation and Diagnosis             <ul style="list-style-type: none"> <li>○ 7D16 Determine when patients/clients need further examination or consultation by a physical therapist or referral to another health care professional.</li> <li>○ 7D19 Select, and competently administer tests and measures appropriate to the patient's age,</li> </ul> </li> </ul>

diagnosis and health status including, but not limited to, those that assess:

- d. Balance e. Circulation (Arterial, Venous, Lymphatic)
- f. Self-Care and Civic, Community, Domestic, Education, Social and Work Life
- i. Gait
- j. Integumentary Integrity
- k. Joint Integrity and Mobility
- l. Mental Functions
- m. Mobility (including Locomotion)
- n. Motor Function o. Muscle Performance (including Strength, Power, Endurance, and Length)
- p. Neuromotor Development and Sensory Processing
- u. Sensory Integrity
- 7D20 Evaluate data from the examination (history, health record, systems review, and tests and measures) to make clinical judgments.
- Patient/Client Management - Prognosis and Plan of Care
  - 7D24 Establish a safe and effective plan of care in collaboration with appropriate stakeholders, including patients/clients, family members, payors, other professionals and other appropriate individuals.
- Patient/Client Management - Management of Care Delivery
  - 7D28 Manage the delivery of the plan of care that is consistent with professional obligations, interprofessional collaborations, and administrative policies and procedures of the practice environment.

Neurological Simulations



**FSBPT: NPTE-PT Test Content Outline - BODY SYSTEM**

- NEUROMUSCULAR & NERVOUS SYSTEMS
  - Physical Therapy Examination.
    - Neuromuscular & nervous systems tests/measures, including outcome measures, and their applications according to current best evidence.
    - Anatomy and physiology of the neuromuscular & nervous systems as related to tests/measures • Movement analysis as related to the neuromuscular & nervous systems
  - Foundations for Evaluation, Differential Diagnosis, & Prognosis.
    - Neuromuscular & nervous systems (CNS, PNS, ANS) diseases/conditions and their pathophysiology to establish and carry out a plan of care, including prognosis
    - Nonpharmacological medical management of the neuromuscular & nervous systems (e.g., diagnostic imaging, laboratory test values, other medical tests, surgical procedures)
    - Pharmacological management of the neuromuscular & nervous systems.
  - Interventions.
    - Anatomy and physiology of the neuromuscular & nervous systems as related to physical therapy interventions, daily activities, and environmental factors.

- Motor control as related to neuromuscular & nervous systems physical therapy interventions.
- Motor learning as related to neuromuscular & nervous systems physical therapy interventions

### **CAPTE: PT Standards and Required Elements**

- Standard 6 - Curriculum Plan
  - 6J The curriculum plan includes a variety of effective tests and measures and evaluation processes used by faculty to determine whether students have achieved the learning objectives. Regular, individual testing and evaluation of student performance in the cognitive, psychomotor, and affective domains is directly related to learning objectives and includes expectations for safe practice during clinical education experiences.
- Standard 7:
- Patient/Client Management Screening
  - 7D16 Determine when patients/clients need further examination or consultation by a physical therapist or referral to another health care professional.
- Examination, Evaluation and Diagnosis
  - 7D17 Obtain a history and relevant information from the patient/client and from other sources as needed.
  - 7D19 Select, and competently administer tests and measures<sup>52</sup> appropriate to the patient's age, diagnosis and health status including, but not limited to, those that assess:
    - d. Balance
    - h. Environmental Factors
    - i. Gait
    - n. Motor Function
    - o. Muscle Performance (including Strength, Power, Endurance, and Length)
    - p. Neuromotor Development and Sensory Processing
    - r. Posture
    - u. Sensory Integrity
  - 7D20 Evaluate data from the examination (history, health record, systems review, and tests and measures) to make clinical judgments.
- Prognosis and Plan of Care
  - 7D24 Establish a safe and effective plan of care in collaboration with appropriate stakeholders, including patients/clients, family members, payors, other professionals and other appropriate individuals.

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- Martin, S. T., & Kessler, M. (2016). Neurologic interventions for physical therapy (3rd ed.). Elsevier.
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- O'Sullivan, S. B., Schmitz, T. J., & Fulk, G. D. (2019). Physical rehabilitation (7th ed.). F.A. Davis

Orthopaedics  
Simulations



**FSBPT: NPTE-PT Test Content Outline - BODY SYSTEM**

- Musculoskeletal System
  - Interventions
    - Musculoskeletal system physical therapy interventions and their applications for rehabilitation, health promotion, and performance according to current best evidence.
  - Physical Therapy Examination
    - Musculoskeletal system tests/measures, including outcome measures, and their applications according to current best evidence.
    - Anatomy and physiology of the musculoskeletal system as related to tests/measures.
    - Movement analysis as related to the musculoskeletal system.
    - Joint biomechanics and their applications.

**FSBPT: NPTE-PT Test Content Outline - NONSYSTEM**

- Research & Evidence-Based Practice
  - This category refers to the application of measurement principles and research methods to make reasoned and appropriate assessment and to the interpretation of information sources and practice research to support patient/client management decisions fundamental to evidence-based practice.
    - Research methodology and interpretation (e.g., qualitative, quantitative, levels of evidence)
    - Data collection techniques (e.g., surveys, direct observation)
    - Measurement science (e.g., reliability, validity)
    - Techniques for accessing evidence (e.g., peer-reviewed publications, scientific proceedings, guidelines, clinical prediction rules)

**CAPTE: PT Standards and Required Elements**

- Curriculum Plan - Standard 6
  - 6J The curriculum plan includes a variety of effective tests and measures and evaluation processes used by faculty to determine whether students have achieved the learning objectives. Regular, individual testing and evaluation of student performance in the cognitive, psychomotor,

and affective domains is directly related to learning objectives and includes expectations for safe practice during clinical education experiences.

- Patient/Client Management/Screening
  - 7D16: Determine when patients/clients need further examination or consultation by a physical therapist or referral to another health care professional.
- Examination, Evaluation, and Diagnosis
  - 7D17 Obtain a history and relevant information from the patient/client and from other sources as needed.
  - 7D19 Select, and competently administer tests and measures appropriate to the patient's age, diagnosis and health status including, but not limited to, those that assess:
    - f. Self-Care and Civic, Community, Domestic, Education, Social and Work Life
    - h. Environmental Factors
    - i. Gait
    - k. Joint Integrity and Mobility
    - n. Motor Function
    - o. Muscle Performance (including Strength, Power, Endurance, and Length)
    - t. Reflex Integrity
    - u. Sensory Integrity
    - v. Skeletal Integrity
  - 7D20 Evaluate data from the examination (history, health record, systems review, and tests and measures) to make clinical judgments.
  - 7D21 Use the International Classification of Function (ICF) to describe a patient's/client's impairments, activity and participation limitations.
  - 7D22 Determine a diagnosis that guides future patient/client management.
- Prognosis and Plan of Care
  - 7D23 Determine patient/client goals and expected outcomes within available resources (including applicable payment sources) and specify expected length of time to achieve the goals and outcomes.
- Intervention
  - 7D27 Competently perform physical therapy interventions to achieve patient/client goals and outcomes. Interventions include:
    - d. Functional Training in Self-Care and in Domestic, Education, Work, Community, Social, and Civic Life
    - f. Manual Therapy Techniques (including mobilization/manipulation thrust and nonthrust techniques)
    - i. Therapeutic Exercise

#### Textbook References

- Erickson, M. L., & McKnight, R. (2018). Documentation basics: A guide for the physical therapist assistant (3rd

- ed.). SLACK.
- Bircher, W. D. (2018). Documentation for physical therapist assistants (5th ed.). F.A. Davis.
- Manske, R. C. (2022). Fundamental Orthopedic management for the physical therapist assistant (5th ed.). Elsevier Health Sciences.
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- American Physical Therapy Association. (2020). Guide to physical therapist practice (3rd ed.). American Physical Therapy Association.
- Magee, D. J. (2014). Orthopedic Physical Examination (6th ed.). Elsevier Saunders.
- Kisner, C., Borstad, J., & Colby, L. A. (2018). Therapeutic exercise: Foundations and techniques (7th ed.). F.A. Davis.

## Physical Agents Simulations



### FSBPT: NPTE-PT Test Content Outline - NONSYSTEM:

- Therapeutic Modalities
  - Applications, indications, contraindications, and precautions of thermal modalities
  - Applications, indications, contraindications, and precautions of iontophoresis.
  - Applications, indications, contraindications, and precautions of electrotherapy modalities, excluding iontophoresis (e.g., neuromuscular electrical stimulation (NMES), transcutaneous electrical nerve stimulation (TENS), functional electrical stimulation (FES), interferential therapy, high-voltage pulsed current).
  - Applications, indications, contraindications, and precautions of ultrasound modalities, excluding phonophoresis.
  - Applications, indications, contraindications, and precautions of mechanical modalities (e.g., mechanical motion devices, traction devices).

### CAPTE: PT Standards and Required Elements

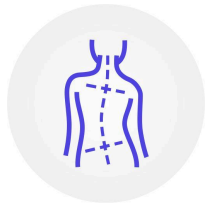
- Intervention
  - 7D27 Competently perform physical therapy interventions to achieve patient/client goals and outcomes. Interventions include:
    - c. Biophysical Agents
    - h. Patient/Client education
    - i. Therapeutic Exercise Management of Care Delivery
  - 7D28 Manage the delivery of the plan of care that is consistent with professional obligations, interprofessional collaborations, and administrative policies and procedures of the practice environment.

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- Bellew, J. W., Michlovitz, S. B., & Nolan, T. P. (2016). Michlovitz's Modalities for Therapeutic Intervention (6th ed.). F.A. Davis.

- Cameron, M. H. (2018). Physical Agents in rehabilitation: From research to practice (5th ed.). Elsevier - Health Sciences Division.
- O'Sullivan, S. B., Schmitz, T. J., & Fulk, G. D. (2019). Physical rehabilitation (7th ed.). F.A. Davis.

## Postures Simulations



### FSBPT: NPTE-PT Test Content Outline - BODY SYSTEM:

- Neuromuscular & Nervous Systems
  - Physical Therapy Examination
    - Neuromuscular & nervous systems tests/measures, including outcome measures, and their applications according to current best evidence.
    - Movement analysis as related to the neuromuscular & nervous systems
  - Interventions
    - Neuromuscular & nervous systems physical therapy interventions and their applications for rehabilitation, health promotion, and performance according to current best evidence.
- Musculoskeletal System
  - Interventions
    - Musculoskeletal system physical therapy interventions and their applications for rehabilitation, health promotion, and performance according to current best evidence.
  - Physical Therapy Examination
    - Musculoskeletal system tests/measures, including outcome measures, and their applications according to current best evidence.
    - Anatomy and physiology of the musculoskeletal system as related to tests/measures.
    - Movement analysis as related to the musculoskeletal system.
    - Joint biomechanics and their applications.

### FSBPT: NPTE-PT Test Content Outline - NONSYSTEM

- Research & Evidence-Based Practice
  - This category refers to the application of measurement principles and research methods to make reasoned and appropriate assessment and to the interpretation of information sources and practice research to support patient/client management decisions fundamental to evidence-based practice.
    - Research methodology and interpretation (e.g., qualitative, quantitative, levels of evidence)
    - Data collection techniques (e.g., surveys, direct observation)
    - Measurement science (e.g., reliability, validity)
    - Techniques for accessing evidence (e.g., peer-reviewed publications, scientific proceedings, guidelines, clinical prediction rules)



## CAPTE: PT Standards and Required Elements

- Curriculum Plan - Standard 6
  - 6J The curriculum plan includes a variety of effective tests and measures and evaluation processes used by faculty to determine whether students have achieved the learning objectives. Regular, individual testing and evaluation of student performance in the cognitive, psychomotor, and affective domains is directly related to learning objectives and includes expectations for safe practice during clinical education experiences.
- Examination, Evaluation, and Diagnosis
  - 7D17 Obtain a history and relevant information from the patient/client and from other sources as needed.
  - 7D19 Select, and competently administer tests and measures appropriate to the patient's age, diagnosis and health status including, but not limited to, those that assess:
    - k. Joint Integrity and Mobility
    - n. Motor Function
    - o. Muscle Performance (including Strength, Power, Endurance, and Length)
    - p. Neuromotor Development and Sensory Processing
    - r. Posture
    - s. Range of Motion
    - u. Sensory Integrity
    - v. Skeletal Integrity
  - 7D20 Evaluate data from the examination (history, health record, systems review, and tests and measures) to make clinical judgments.
- Prognosis and Plan of Care
  - 7D23 Determine patient/client goals and expected outcomes within available resources (including applicable payment sources) and specify expected length of time to achieve the goals and outcomes.
  - 7D24 Establish a safe and effective plan of care in collaboration with appropriate stakeholders, including patients/clients, family members, payors, other professionals and other appropriate individuals.
  - 7D26 Create a discontinuation of episode of care plan that optimizes success for the patient in moving along the continuum of care.
- Intervention
  - 7D27 Competently perform physical therapy interventions to achieve patient/client goals and outcomes. Interventions include:
    - h. Patient/Client education
    - i. Therapeutic Exercise
- Management of Care Delivery

- 7D28 Manage the delivery of the plan of care that is consistent with professional obligations, interprofessional collaborations, and administrative policies and procedures of the practice environment.
- 7D30 Monitor and adjust the plan of care in response to patient/client status.
- 7D31 Assess patient outcomes, including the use of appropriate standardized tests and measures that address impairments, functional status and participation.

ROM/MMT  
Simulations



### **FSBPT: NPTE-PT Test Content Outline - BODY SYSTEM**

- Musculoskeletal System
  - Physical Therapy Examination
    - Musculoskeletal system tests/measures, including outcome measures, and their applications according to current best evidence
    - Anatomy and physiology of the musculoskeletal system as related to tests/measures
    - Movement analysis as related to the musculoskeletal system
    - Joint biomechanics and their applications

### **CAPTE: PT Standards and Required Elements**

- Standard 6 - Curriculum Plan -
  - 6J The curriculum plan includes a variety of effective tests and measures and evaluation processes used by faculty to determine whether students have achieved the learning objectives. Regular, individual testing and evaluation of student performance in the cognitive, psychomotor, and affective domains is directly related to learning objectives and includes expectations for safe practice during clinical education experiences.

Standard 7:

- Examination, Evaluation and Diagnosis
  - 7D19 Select, and competently administer tests and measures appropriate to the patient's age, diagnosis and health status including, but not limited to, those that assess:
    - b. Anthropometric Characteristics
    - k. Joint Integrity and Mobility I. Mental Functions
    - m. Mobility (including Locomotion)
    - n. Motor Function
    - o. Muscle Performance (including Strength, Power, Endurance, and Length)
    - s. Range of Motion
    - v. Skeletal Integrity

- 7D20 Evaluate data from the examination (history, health record, systems review, and tests and measures) to make clinical judgments.
- 7D21 Use the International Classification of Function (ICF) to describe a patient's/client's impairments, activity and participation limitations.

### Textbook References

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- Netter, F. H. (2019). Atlas of Human Anatomy (7th ed.). Elsevier.
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- Norkin, C. C., & White, D. J. (2016). Measurement of joint motion a guide to goniometry (5th ed.). Davis.
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### Wound Care Simulations



### CAPTE: PT Standards and Required Elements

- 7C The physical therapist professional curriculum includes content and learning experiences about the cardiovascular, endocrine and metabolic, gastrointestinal, genital and reproductive, hematologic, hepatic and biliary, immune, integumentary, lymphatic, musculoskeletal, nervous, respiratory, and renal and urologic systems; system interactions; differential diagnosis; and the medical and surgical conditions across the lifespan commonly seen in physical therapy practice.
- Patient/Client Management Screening
  - 7D16 Determine when patients/clients need further examination or consultation by a physical therapist or referral to another health care professional. Examination, Evaluation and Diagnosis
  - 7D17 Obtain a history and relevant information from the patient/client and from other sources as needed.
  - 7D18 Perform systems review
  - 7D19 Select, and competently administer tests and measures appropriate to the patient's age, diagnosis and health status including, but not limited to, those that assess:
    - e. Circulation (Arterial, Venous, Lymphatic)
    - j. Integumentary Integrity

- q. Pain
    - s. Range of Motion
    - u. Sensory Integrity
  - 7D20 Evaluate data from the examination (history, health record, systems review, and tests and measures) to make clinical judgments.
- Prognosis and Plan of Care
  - 7D23 Determine patient/client goals and expected outcomes within available resources (including applicable payment sources) and specify expected length of time to achieve the goals and outcomes.
  - 7D24 Establish a safe and effective plan of care in collaboration with appropriate stakeholders, including patients/clients, family members, payors, other professionals and other appropriate individuals.
- Intervention
  - 7D27 Competently perform physical therapy interventions to achieve patient/client goals and outcomes. Interventions include:
    - e. Integumentary Repair and Protection
    - h. Patient/Client education
    - i. Therapeutic Exercise
- Management of Care Delivery
  - 7D28 Manage the delivery of the plan of care that is consistent with professional obligations, interprofessional collaborations, and administrative policies and procedures of the practice environment.
  - 7D31 Assess patient outcomes, including the use of appropriate standardized tests and measures that address impairments, functional status and participation.

#### Textbook References

- Fairchild, S. L., O'Shea, R. K., & Washington, R. D. (2018). Pierson and Fairchild's Principles & Techniques of Patient Care (6th ed.). Elsevier.
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## REFERENCES

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- CAPTE: PT Standards and Required Elements ([link](#))
- FSBPT 2020 textbook survey report ([link](#))