University of Dayton Doctor of Physical Therapy Program

DPT 951 General Medicine Clinical
Preparedness Competencies

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Didactic preparation for clinical rotations progressively readies UD DPT students to meet affective, cognitive, and psychomotor objectives, while equipping students with growing technical competence in the performance of standard and specific physical therapy tests, measures, and interventions. At this level of their education, students are expected to be able to demonstrate competency in the following tests, measures, and interventions:

- Vital signs (BP, HR, Respiratory rate, and pulses)
- Assess breathing patterns and auscultation of heart and lungs
- Anthropomorphic measures for height, weight, length, and girth
- Basic assessment of patient orientation
- Analysis of basic assistive and adaptive devices
- Analysis of kinematics including gait and balance scales and Wheelchair mobility
- Evaluation of skin and wounds including skin integrity, wound location, shape, size, depth, color, drainage, odor, and infection
- Basic analysis of posture (static and dynamic) including observation and palpation. • Basic Musculoskeletal Exam including Joint Play Tests, MMT, DTRs, palpation, and functional and goniometric ROM (active and passive), including end-range feel.
- Basic myotome and dermatome screens
- Assessment of autonomic responses to position changes
- Analysis of thoracoabdominal movement, breathing patterns, capillary refill
- Analysis of heart and lung auscultation, pulse oximetry, vital signs and pulmonary function
- Breathing strategies (pursed lip, paced, stair case breathing)
- Wound care for dressing changes, oxygen therapy, hydrotherapy, and topical agents
- TENS
- Basic ADL training, transfers, and gait techniques
- Assistive equipment (walkers, canes, crutches)
- Modalities (cryotherapy, superficial and deep thermal, CPM, tilt table, and compression
- Therapeutic exercise: aerobic endurance, conditioning, strengthening, stretching, and flexibility