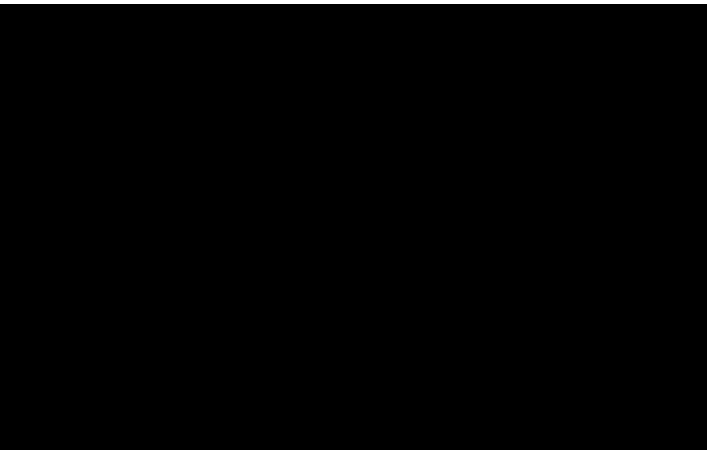


TABLE 5.3 DATA COLLECTION TECHNIQUES UTILIZED BY PHYSICAL THERAPIST ASSISTANTS IN THE DELIVERY OF PHYSICAL THERAPY INTERVENTIONS

DATA COLLECTION TECHNIQUES	ASSOCIATED PROCEDURAL INTERVENTIONS	EXAMPLES OF TECHNIQUES USED (Modified from the Guide to Physical Therapist Practice)	SAMPLE TERMINAL BEHAVIORAL OBJECTIVES At the completion of the clinical experience, the student will be able to:
Anthropometric Characteristics	<ul style="list-style-type: none"> <li>x Manual therapy techniques</li> <li>x Application of devices and equipment</li> <li>x Integumentary repair and protection techniques</li> <li>x Electrotherapeutic modalities</li> <li>x Physical agents</li> </ul>	<ul style="list-style-type: none"> <li>x Body dimensions (eg, girth measurement, length measurement)</li> <li>x Edema (eg, girth measurement, palpation, scales, volume measurement)</li> </ul>	<ul style="list-style-type: none"> <li>x Measure girth of a limb before and after mechanical intermittent compression</li> <li>x Measure the volume of a patient's/client's foot before and after therapeutic message for edema reduction.</li> </ul>
Arousal, Attention, and Cognition	<ul style="list-style-type: none"> <li>x Therapeutic exercise: neuromotor development training</li> <li>x Therapeutic exercise: relaxation</li> <li>x</li> </ul>		
x		<ul style="list-style-type: none"> <li>x Safety during use of assistive, adaptive orthotic, protective, supportive and prosthetic devices and</li> </ul>	

DATA COLLECTION TECHNIQUES	ASSOCIATED PROCEDURAL INTERVENTIONS	EXAMPLES OF TECHNIQUES USED (Modified from the Guide to Physical Therapist Practice)	SAMPLE TERMINAL BEHAVIORAL OBJECTIVES At the completion of the clinical experience, the student will be able to:
		<ul style="list-style-type: none"> <li>x Residual limb or adjacent segment, including edema, range of motion, skin integrity, and strength (eg, goniometry, muscle tests, observations, palpation, photographic records, skin integrity tests, volume measurement)</li> </ul>	<ul style="list-style-type: none"> <li>x Measure girth of the residual limb at given intervals.</li> <li>x Measure joint range of motion of the residual limb.</li> <li>x Observe and describe the skin integrity of the residual limb.</li> </ul>
Body Mechanics	<ul style="list-style-type: none"> <li>x Therapeutic exercise: body mechanics and postural stabilization</li> <li>x Functional training in self-care and home management</li> </ul>	<ul style="list-style-type: none"> <li>x Body mechanics during functional training activities (eg., observations)</li> </ul>	<ul style="list-style-type: none"> <li>x Observe and describe the posture of a patient during lifting instruction.</li> <li>x Observe and describe the postural alignment of the trunk during gait training with a walker.</li> </ul>
Environmental Barriers, Self-Care and Home Management			

DATA  
COLLECTION  
TECHNIQUES

ASSOCIATED PROCEDURAL  
INTERVENTIONS

EXAMPLES OF TECHNIQUES USED  
(Modified from the Guide to Physical Therapist  
Practice)

DATA COLLECTION TECHNIQUES	ASSOCIATED PROCEDURAL INTERVENTIONS	EXAMPLES OF TECHNIQUES USED (Modified from the Guide to Physical Therapist Practice)	SAMPLE TERMINAL BEHAVIORAL OBJECTIVES At the completion of the clinical experience, the student will be able to:
Muscle Performance	<ul style="list-style-type: none"> <li>x Therapeutic exercise: body mechanics and postural stabilization</li> <li>x Therapeutic exercises: strength, power, and endurance training</li> <li>x Electrotherapeutic modalities</li> </ul>	<ul style="list-style-type: none"> <li>x Muscle strength, power, and endurance (e.g., dynamic tree, selected manual muscle test)</li> <li>x Muscle strength, power, and endurance during functional activities (e.g., functional muscle test, observations)</li> <li>x Muscle tension (e.g., palpitation)</li> </ul>	<ul style="list-style-type: none"> <li>x Measure of patient's/client's wrist flexion and extension strength after providing neuromuscular reeducation exercises.</li> <li>x Measure the knee strength of a patient/client receiving strengthening exercises for total knee arthroplasty.</li> </ul>
Neuromotor Function	<ul style="list-style-type: none"> <li>x Therapeutic exercises: aerobic capacity/endurance conditioning/reconditioning</li> <li>x Therapeutic exercises: balance, coordination, and agility training</li> <li>x Therapeutic exercise: flexibility exercises</li> <li>x Therapeutic exercises: gait and locomotion training</li> <li>x Therapeutic exercises: neuromotor development training</li> <li>x Therapeutic exercises: relaxation</li> <li>x Therapeutic exercises: strength, power, and endurance training</li> <li>x Functional training and self-care and home management</li> <li>x Electrotherapeutic modalities</li> </ul>	<ul style="list-style-type: none"> <li>x Coordination (e.g., observation)</li> <li>x Hand function (e.g., observation of fine and gross motor tasks)</li> <li>x Movement patterns (e.g., observations of initiation, modification, tone, and control)</li> </ul>	

DATA COLLECTION TECHNIQUES	ASSOCIATED PROCEDURAL INTERVENTIONS	EXAMPLES OF TECHNIQUES USED (Modified from the Guide to Physical Therapist Practice)	SAMPLE TERMINAL BEHAVIORAL OBJECTIVES At the completion of the clinical experience, the student will be able to:
Posture	<ul style="list-style-type: none"> <li>x Therapeutic exercises: balance, coordination, and agility training</li> <li>x Therapeutic exercises: body mechanics and postural stabilization</li> <li>x Therapeutic exercise: Strength, power, and endurance training</li> <li>x Application of devices</li> </ul>	<ul style="list-style-type: none"> <li>x Postural alignment and position (static and dynamic), including symmetry and deviation from midline (e.g., goniometer measurement, observation)</li> </ul>	<ul style="list-style-type: none"> <li>x Observe and describe the alignment of a patient/client who is been receiving training in postural awareness.</li> <li>x Observe and describe postural alignment during resistive exercise training.</li> <li>x Observe and describe changes in posture with application of orthotic device.</li> </ul>

Range of Motion 1:

DATA COLLECTION TECHNIQUES	ASSOCIATED PROCEDURAL INTERVENTIONS	EXAMPLES OF TECHNIQUES USED (Modified from the Guide to Physical Therapist Practice)	SAMPLE TERMINAL BEHAVIORAL OBJECTIVES At the completion of the clinical experience, the student will be able to:
Vital Signs	<ul style="list-style-type: none"> <li>x Therapeutic exercises: aerobic capacity/endurance conditioning/reconditioning</li> <li>x Therapeutic exercise: relaxation</li> <li>x Airway clearance techniques</li> <li>x Physical agents</li> </ul>	<ul style="list-style-type: none"> <li>x Cardiovascular signs and symptoms including heart rate, rhythm, pressures, and flow and superficial vascular responses (e.g., girth measurement, observations, palpitation, sphygmomanometry, angina, claudication, and perceived exertion scales)</li> <li>x Aerobic capacity during functional activities (e.g., indexes, observations, timed activity test)</li> <li>x Physiologic</li> </ul>	