



Knowledge and Skills Assessment Template

DATE OF ASSESSMENT:	Limited Knowledge or Skill	Needs More Experience	Has Knowledge or Skill
NAME:	0 ←	5 →	10
Resident Has Adequate Knowledge of:			
Musculoskeletal anatomy, including upper limb, lower limb, spinal, cranial			
Neuroanatomy and neurophysiology			
Systems anatomy (for example, motor control, vestibular, somatosensory)			
Surface anatomy			
Medical terminology			
Kinesiology, including upper limb, lower limb, spinal			
Normal human locomotion			
Observational gait assessment			
Pathological gait			
Gait training			
Tissue characteristics and management			
Wound Care			
Volumetric control			
Planes of motion			
Biomechanics			
Mechanics (for example, levers and force systems)			
Pathologies (for example, muscular, neurologic, skeletal, vascular)			
Basic pharmacology			
Resident has adequate Knowledge of:			
Referral documents			
Procedures for data collection and recording			
Policies and procedures regarding protected health information (PHI)			
Roles and responsibilities associated with other healthcare professions			
Reimbursement protocols (for example, CMS, DME MAC, LCDs)			
Material safety procedures and standards (for example, OSHA, SDS)			
Universal precautions			
Orthotic/prosthetic design			
Orthotic/prosthetic fitting criteria			
Clinical examination techniques (i.e., ROM, manual muscle tests, sensation, proprioception)			
Measurement and shape capture techniques, materials, devices, and equipment			
Measurement tools and techniques			
Modification/rectification procedures as they relate to specific orthotic/prosthetic designs			
Orthotic/prosthetic forms (i.e., assessment, orthometry, measurement, eval, outcomes)			
Outcome measurement			
Materials science			



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Resident Has Adequate Knowledge of:	0	←	5	→	10
Components					
Alignment devices and techniques					
Hand and power tools					
Care and maintenance of orthoses/prostheses					
Computer-aided design and manufacturing					
Item warranty and warranty limitations					
Loss control (for example, risk management, inventory control)					
Research methodology and literature					
Biostatistics					
Human development and aging, ranging from pediatric to geriatric, as they relate to orthotic and prosthetic treatment					
The psychology of patients with disability					
Patient educational materials					
Ethical standards, including ABC Code of Professional Responsibility					
Scope of practice related to orthotic/prosthetic credentials					
Boundaries of the scope of practice (i.e., when to refer a patient to other healthcare providers)					
Federal and state rules, regulations, and guidelines (for example, FDA, HIPAA)					
ABC Facility Accreditation Standards					
NCOPE Residency Standards					
Resident Has Demonstrated Skill in:					
Interpreting referral documents, (for example, prescriptions, orders)					
Interpreting radiological images					
Communicating with patient/family/caregiver					
Communicating with referral sources and appropriately licensed healthcare providers					
Performing clinical assessment					
Identifying surface anatomy					
Interpreting physical findings (i.e., recognizing skin pressures, dermatological conditions)					
Analyzing normal and pathological gait/motion					
Analyzing orthotic/prosthetic gait/motion					
Managing patients relative to their diagnosis or condition					
Critically assessing the literature as it pertains to patient care					
Measuring and capturing shapes of patients for orthoses/prostheses					
Using mechanical measuring devices					
Using computer-based measuring devices/scanning devices					
Delineating, rectifying, modifying patient models					
Fabricating orthotic/prosthetic devices					
Use of safety equipment					



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Resident Has Demonstrated Skill in:	0	←	5	→	10
Using hand and power tools					
Selecting appropriate materials and components					
Using alignment devices					
Aesthetic finishing					
Evaluating fit and function of an orthosis/prosthesis					
Selecting and administering and interpreting outcome measures					
Adjusting and modifying orthoses/prostheses					
Maintaining and repairing orthoses/prostheses					
Restoring optimal fit and function of orthoses/prostheses					
Resolving patient's problems related to ADLs					
Refining treatment plans to reflect patient's change in health status					
Documenting					