



SURGICAL TECHNICAL/FUNCTIONAL ABILITIES

Category	Test
Gross Motor Skills	
1. Sit and maintain balance	Same
2. Stand and maintain balance	Stand on platform
3. Reach above shoulders	IV Pole/Surgical Overhead Light
4. Reach below waist	Unplug electrical cord
Fine Motor Skills	
1. Pick up small objects with hands	Pick up various surgical needles
2. Typing using a computer	Same
3. Twist	Disconnect and assemble equipment
Physical Endurance	
1. Walk	100 meters in 1 minute
2. Stand during procedure	Stand at OR bed for 1-3 hrs at a time
3. Sustain repetitive motion	Handle instrumentation
Physical Strength	
1. Heavy lifting	Transfer and position surgical patient
2. Repetitive lifting	Lift 30 pound instrument tray
3. Move large equipment	Push/Pull a laparoscopic tower, other equipment
Mobility	
1. Stoop/Squat	Squat then rise from standing
2. Move quickly	Retrieve supplies from OR or CS
3. Climb	Climb flight of stairs
4. Bend	Pick up objects from floor
Hearing	
1. Hear normal speech	Repeat sentence
2. Hear without seeing lips	Repeat sentence
3. Hear faint body sounds	Identify blood pressure/BS
4. Hear auditory alarms	Identify equipment alarms
Visual	
1. See objects at 20 inches away	Mayo Stand
2. See objects at 20 feet away	Countable items off the sterile field
3. Distinguish color	Suture boxes – vessel loop boxes
Tactile	
1. Feel Vibrations	Palpate pulse
2. Detect temperature	Identify cold, hot solutions