

Health Care Assistant (HCA) Education Program

HCA Program Minimum Laboratory Equipment Checklist

The following is a list of equipment that must be available within the HCA lab. It is expected that the equipment provided is industry standard and in good repair. Recognized HCA programs are expected to have processes and procedures in place for lab maintenance (including systems and personnel for inventory control, re-stocking and equipment upkeep and repair).

The lab needs to be set up with bed stations that simulate a multi-level/complex care environment. Programs are also strongly encouraged to set up a space simulating a home environment (e.g. bathroom with adaptive equipment, etc.) There must be adequate space for circulation of people and equipment between beds, as well as storage for supplies and equipment. There is a ratio of a minimum of 1 instructor to 18 students in the lab. To ensure students are provided with adequate access to equipment, it is understood that a lab rotation schedule may be established.

Given it is a learning environment, it is recommended that the lab also include an area where students can be seated (e.g., with movable tables and seating in the middle of the room), as well as a desk/chair/computer station for the instructor and an LCD projector (for video/data projection to allow for demonstration of skills and scenarios, etc.). In addition to the minimum equipment, the program is encouraged to include items that students may encounter during their practice education placements, such as site-specific documentation, signage (e.g., isolation precautions, etc.), isolation cart, palliative care items, etc.

Students must have access to required lifts and slings for the duration of lab-based training. Lifts should be power-operated. Ceiling and/or overhead lift systems may also be supplied in the lab setting. At a minimum, it is expected that students will be trained in the use of ceiling and/or overhead lift systems during the clinical portion of the program. Slings of varying sizes should be made available (e.g., XS, S, M, L, XL).

Items listed with an * can be supplied by students themselves; in such cases, there should be evidence that students are provided with written notification in advance to bring items required for lab practice (i.e. items and dates they will be required are listed within course outline/course information).

<input checked="" type="checkbox"/>	Equipment	Ratio per student number	Inventory Number
	Hospital beds ¹ (power operated, with remote control)	1:4	
	Linens for <u>each bed</u> (reflective of current practice, matching and in good repair)		
	Top sheet (2 sets)		

¹ The program must have enough beds to accommodate the number of students in each intake. For recognized program locations, a minimum of 2 beds per lab is required. It is recommended that at least one bed has four side rails to bring awareness to the use of restraints in multi-level/complex care.



	Bottom/fitted sheets (2 sets)		
	Pillows (2 per bed)		
	Pillowcases (4 per bed)		
	Blankets (1 per bed)		
	Slider sheets (1 per bed)		
	Flannel blankets (1 per bed)		
	Incontinence underpads (2 per bed, quilted and disposable)		
	Equipment for <u>each bed</u> : (unless otherwise noted)		
	Bedside table		
	Overbed table		
	Call bell or simulation		
	Garbage can		
	One bedpan		
	Urinal		
	One kidney basin or small bowl		
	One wash basin		
	Soap and examples of skin cleansers used for personal care*		
	Hand sanitizer		
	Roll of toilet paper		
	Moisturizing lotion*		
	Mouth wash (or simulation)		
	Denture cup and brushes		

	Oral care swabs or sage toothettes		
	Brush and comb*		
	Toothbrush and toothpaste*		
	Supplies for nail care, including nail brush, file, clippers (for hands and feet), wooden manicure stick (orange stick), surface cleaning and disinfecting wipes, small, re-sealable plastic bag/container		
	Dentures (1 set per lab)		
	Sample Meal tray (2 per lab) (industry standard material, such as melamine or plastic)		
	Set of dishes and cutlery* (2 sets per lab) (Industry standard, non - breakable for safety reasons)		
	Set of adaptive utensils (1 set per lab)		
	Other adaptive eating and drinking aids (2 items, such as specialized cups and dishes)		
	Thermometers – variety: temporal, tympanic (2 of each per lab)		
	Transfer belt/gait belt (4 per lab) (industry standard, with grip handles, etc.)		
	Personal Protective Equipment (goggles, face shields, disposable or launderable gowns, masks) (Ensure an adequate supply to meet industry and safety standards, minimum 2 of each per lab)		
	Measuring cups for measuring intake and output		
	Urinary drainage systems, including catheters. Supplies for emptying urinary drainage bags, including alcohol swabs and catheter secure lock.		
	Condom catheter system		
	Colostomy bags and supplies for colostomy change practice, including skin prep-adhesive		
	Samples of suppositories and enemas		
	Samples of pre-packaged medications		

	Supplies for medication support activities and documentation, including sample MAR and drinking cups		
	Acute care supplies, including IV infusion set, wound drain, NG tube and PEG tube		
	Samples of non-prescription eye/ear drops		
	Specimen containers – Assorted		
	Patient clothing		
	Pajamas*	1:4	
	Patient shirt and pants*	1:4	
	Adaptive Clothing Set		
	Hip protectors (shorts/pants)		
	Support stockings	1:8	
	Adult disposable briefs of different styles (e.g., with adhesive tabs, mesh with inserts, pull ups, etc., along with a variety of incontinence supplies for demonstration purposes)	1:4	
	Sink (plumbed, with hot and cold running water) (1 per lab)		
	Towels (hand and bath) and washcloths (2 of each per bed)* Distinction for per cloths (e.g., colour-coded)		
	Disposable gloves for each student*		
	Paper towels		
	Scale (1 per lab)		
	Transfer/sliding board (1 per lab)		
	Bed cradle for hospital bed (1 per lab)		
	Eyeglasses for simulation of visual deficiencies	1:4	

Hearing aid (1 per lab for demonstration only; does not need to be in working order)		
Electric razor (for demo only, students to bring their own for practice)*		
Wheelchairs	1:8	
Patient walkers	1:8	
Commode	1:8	
Raised toilet seat		
Bath bench	1:12	
Canes		
Laundry basket / system		
Patient mechanical lift (sit to stand) – (1 per lab)		
Patient mechanical lift (full) with a variety of slings - (1 per lab)		
Male torsos – (1:4) or Male Genitalia Parts (1:4)		
Female torsos – (1:4) or Female Genitalia Parts (1:4)		
Adult manikin (1 per lab: high fidelity, geriatric manikin recommended but not required)		
Stethoscope (for demonstration purposes)		
Sphygmomanometer (for demonstration purposes)		
Blood glucose meter and testing strips (for demonstration purposes)		
Oxygen equipment (for demonstration purposes)		
Inhaled Respiratory Devices (for demonstration purposes)		