




ANNEX 1

LIST OF EQUIPMENT REQUIRED FOR NURSING ARTLAB (2021)

Item	Qty	Image	Minimum requirement / Specifications	Training / installation	Maintenance
1 Advanced Skill Trainer	2		<ul style="list-style-type: none"> • High-quality airway management with supraglottic airway devices • Live defibrillation (ShockLink) and synchronized ECG • Pulse monitoring • IV insertion • Quality CPR (QCPR) feedback to measure and improve CPR performance 	Required	Required
2 Advanced Defibrillator Simulator	1		<p>Cardiac rhythm generator for cardiac emergency situations. Can be used on a mannequin. Should include:</p> <ul style="list-style-type: none"> • Synchronized Cardio version • AED mode • PACER function • Preset scenarios • Ideal for BLS, ACLS and PALS training 	Required	Required





Nursing Art Lab equipment (2021)

3	12-lead heart rhythm defibrillator simulator ✓	1		<ul style="list-style-type: none"> • 11 rhythms for defibrillator training • 6 rhythms for pacing • Capture during pacing • High-capacity discharge load - you can shock according to protocol • Visual indicator of energy delivered of 50 joules or more • Defibrillate/Cardiovert into waiting rhythm • Color-coded ECG snaps • Patient connection and 10 connectors provide true 12-Lead analysis and interpretation • Additional arrhythmias include: Anterior ST Depression, Acute Anterior Wall MI with PVCs, Sinus Tachycardia with Right Bundle Branch Block, Inferior ST Elevations, plus more. 	Required	
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Nursing Art Lab equipment (2021)

4	MONITOR (bedside)		<p>Portable patient monitor (bedside)</p> <ul style="list-style-type: none"> • Compact configured monitor with intuitive touchscreen user interface • ECG, Respiration, SpO₂, IBP, NIBP, dual temperature and plug-in 3 channel recorder capability • Comprehensive arrhythmia detection and recall with ST segment analysis and diagnostic 12 lead ECG • Multi-waveform/multi-parameter full disclosure 		
5	Nursing care training manikin		<p>Head with anatomical landmarks, trachea, and esophagus, along with simulated lungs and stomach, allow the practice of many procedures: Irrigation of the eye and ear (simulated)</p> <ul style="list-style-type: none"> • Application/instillation of medications in the eye, ear and nose including nasal packing • Mouth and denture care procedures • Insertion and suctioning of oropharyngeal and nasopharyngeal airways • Insertion, securing, and care of endotracheal tubes • Tracheostomy care and tracheal suctioning 	<p>Required Can be operated with a SimPad® Plus system</p>	





			<ul style="list-style-type: none"> • Various oxygen delivery procedures • NG tube insertion, care, medication administration, and removal • Gastric lavage and gavage • Subclavian and Hickman catheter openings (placement only) • Manually generated carotid pulse • Injection sites include deltoid, bilateral thigh, dorsal gluteal and ventral gluteal • Full range of motion for realistic patient handling • Abdominal plate with interchangeable stomalocations depicting colostomy, ileostomy and suprapubic cystostomy • Colostomy may be irrigated and will retain an indwelling catheter • Fingers and toes are spread to allow bandaging <p>Interchangeable Male and Female Genitalia</p> <ul style="list-style-type: none"> • Can be attached to urinary and colon reservoirs via connector valves • Urinary valves give the natural resistance felt when catheterizing 		
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Nursing Art Lab equipment (2021)

6	Adult IV training arm URGENT	10		<ul style="list-style-type: none"> • Complete urinary catheterization • Female genitalia capable of vaginal douching • Will retain indwelling or straight catheter • Anal valves simulate the internal anal sphincter • Enema procedures may be performed using fluid for realistic return • When used with manikin, fluid may be used for realistic return <p>Articulating IV Training Arm (Left)</p> <ul style="list-style-type: none"> • Allows peripheral intravenous therapy and site care • Venipuncture is possible in the antecubital fossa and dorsum of the hand • Accessible veins include median, basilic and cephalic • Replaceable skin and infusible vein system 		
				<ul style="list-style-type: none"> • Venipuncture, peripheral IV line insertion and removal • Accessible veins - median, basilic and cephalic • Palpable veins enable site selection and preparation • Infusible veins allow peripheral therapy with IV bolus or push injection method • Peripheral IV line maintenance including assessment and 	Required	

Nursing Art Lab equipment (2021)

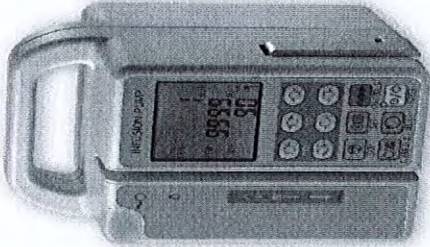
7	Arterial Puncture Arm	2		<ul style="list-style-type: none"> • rotation of site and dressing, solution and tubing change • Replaceable skin and multi-vein system ensures longevity of model • Articulates to adult manikins • Simulation of hand placement during performance of Allen's Test is possible • Flexible wrist enables proper positioning • Arterial pressure may be generated manually • Artery palpation is possible • Percutaneous puncture sites in both brachial and radial artery • Infusible arteries with ability to pressurize system, enable blood backflow in syringe • Articulates to adult male manikins • Arm may be purchased separately 		Required
8	Neonatal resuscitation baby	1		<p>Airway features:</p> <ul style="list-style-type: none"> • Oxygen delivery procedures • Suctioning techniques • Positive pressure ventilation • Spontaneous chest rise and fall <p>CPR features:</p> <ul style="list-style-type: none"> • Anatomical landmarks • Ventilation with bag-valve mask • Closed chest compressions • Auscultate heart sounds <p>Blood pressure/puls features:</p>	Required	Required

Nursing Art Lab equipment (2021)

9	Magills forceps	5		<ul style="list-style-type: none"> Manual umbilical pulse Other features: <ul style="list-style-type: none"> Simulated crying sounds Angles forceps used to guide a tracheal tube into the larynx or a nasogastric tube into the esophagus under direct vision 		
10	Boujee	5		Flexible tracheal tube introducers/bougies aid placement of tracheal tubes. Both straight tip bougies and angled (coude) tips		
11	Nasopharyngeal Airway	1 set		<p>Nasopharyngeal Airway: Medical-grade Polyvinyl Chloride (PVC) Plastic</p> <ul style="list-style-type: none"> Nasopharyngeal Airway 14Fr (I.D. 3.5mm) Nasopharyngeal Airway 16Fr (I.D. 4.0mm) Nasopharyngeal Airway 18Fr (I.D. 4.5mm) Nasopharyngeal Airway 20Fr (I.D. 5.0mm) Nasopharyngeal Airway 22Fr (I.D. 5.5mm) 		


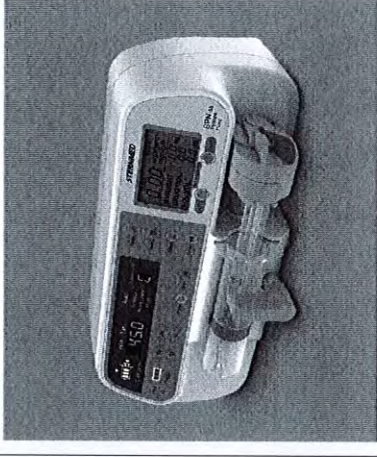


Nursing Art Lab equipment (2021)

12	INFUSION PUMP	6		<ul style="list-style-type: none"> • Nasopharyngeal Airway 24Fr (I.D. 6.0mm) • Nasopharyngeal Airway 26Fr (I.D. 6.5mm) • Nasopharyngeal Airway 28Fr (I.D. 7.0mm) • Nasopharyngeal Airway 30Fr (I.D. 7.5mm) • Nasopharyngeal Airway 32Fr (I.D. 8.0mm) • Nasopharyngeal Airway 34Fr (I.D. 8.5mm) • Nasopharyngeal Airway 36Fr (I.D. 9.0mm) 	<ul style="list-style-type: none"> • Four-line lcd display • Fully microprocessor controlled based system • Portable, durable, light weight user friendly and easy to operate 	Required
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Nursing Art Lab equipment (2021)

13	Nebulizer	1		<p>Medical Specifications</p> <ul style="list-style-type: none"> • Operating Air Flow Rate • Mmad (micro m) • Medication Capacity (ml) • Average Nebulization Rate (ml/min) • Particle Size (micro m) 		
14	SYRINGE PUMP	6		<p>Syringe pump with LCD screen</p> <ul style="list-style-type: none"> • Light weight pump (1.4kg) and reliable battery duration of 8 hours on a 25 ml/h rate • Automatic syringe size recognition and compatible with syringes 2/3 ml, 5/6 ml, 10/12 ml, 20 ml, 30/35 ml and 50/60 ml. • Therapy Profiles available : Dose Rate Calculation, Dose Over Time, Ramp and Taper Mode, Program Mode, Intermittent Mode, PCA, TCI, TIVA, KVO and Take Over Mode • Syringe holder with integrated piston break, protecting against free flow 		