

BSN & BSPN
Student Lab Equipment Requisitions
(Revised Feb_2017)

1. Airway - Oxygen Administration
2. Airway - Suctioning/Oral Airway Insertion
3. Airway - Tracheostomy Care
4. Blood Transfusion
5. Central Venous Catheter - Nutrition: CVC-PN (Central Venous Catheter and Total Parenteral Nutrition)
6. Central Venous Catheter (Central Venous Catheter Dressing Change and Flushing Ports)
7. Chest Tube Drainage Set up
8. IV - IV Bag and Tubing Change
9. IV - Converting IV to Saline Lock
10. Medications - SC Injection
11. Medications - Intramuscular Injection
12. Medications - Preparing Insulin
13. Medications - IV Medication Continuous Infusion
14. Medications - Intermittent Administration of IV Medications via Saline Lock
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31. Wound Care - Dressing Change: Acute Surgical Dressing
32. Wound Care - Chronic Wounds (Irrigation/Packing)
33. Wound Care - Drain Shortening
34. Wound Care - Suture/Staple Removal

<p>Skill #1 – Oxygen Administration</p> <ul style="list-style-type: none"> • Oxygen flow meter with adapter • Oxygen source • Sterile water for humidifier • Mannequin • Nasal prongs with tubing • Plain mask (simple mask) with tubing • Face tent • Plastic face mask with reservoir bag (non-rebreather mask) • Venturi mask • Incentive spirometer • Peak flow meter • Doctor's order: • apply O₂ via nasal prongs at 3 l/min • apply O₂ via mask at 8 l/min to keep O₂ Saturation > 92% • Apply non-re-breather mask at 15 l/min • Apply Venturi mask at 28% 	<p>Skill #2 – Suctioning/Oral Airway Insertion</p> <ul style="list-style-type: none"> • Clean gloves • Airway mannequin which can be suctioned • Wall suction: regulator, container and tubing • Suction kit • Suction catheter, (suction catheter and Yankauer suction) • Oral airways variety of sizes • Pulse oximeter (VSM) • Towel • Mask, goggles, or face shield • Normal saline bottle • Stethoscope • Wash cloth • Tooth brush and tooth paste • Emesis basin
<p>Skill #3 – Tracheostomy care</p> <ul style="list-style-type: none"> • Bedside table • Towel • Stethoscope • Ambu bag with tracheostomy adapter • Mannequin with a tracheostomy in place (including an inner cannula) • Tracheostomy care kit includes: • Sterile 4x4 inch gauze pads • Sterile cotton tipped applicators • Sterile tracheostomy dressing • Sterile basin • Normal saline • Small sterile brush or disposable inner cannula • Tracheostomy ties or tracheostomy holder • scissors • clean gloves 2 pairs • Pulse oximeter (VSM) • Mask, goggles or face shield • Tracheostomy Suction Equipment • Appropriate size suction catheter and inline suction catheter • One sterile and one clean glove • Clean towel • Suction machine/source with suction tubing • Small adapter if catheter does not have suction control • Sterile normal saline solution • Sterile basin • Mask, goggles, face shield • Mucous trap • C & S specimen bottle • Lab Specimen Requisition 	<p>Skill #4 – Blood Transfusion</p> <ul style="list-style-type: none"> • Doctor's order to transfuse Blood product • Blood Clinical decision tool, policy and Blood component administration set (refer to Blackboard resources) • IV arm with clear link extension set with needleless device with IV 2/3 and 1/3 500 cc and Continu-flo tubing to extension tubing with tubing change label • Clean gloves • Blood administration set • 250 ml N/S bags • 50 ml N/S bags • Alcohol swabs and chlorhexidine swabs • 3 ml prefilled N/S syringes • Blood packs with pink tags → orders and consent in blood package • Plastic bag for disposal • Non allergic tape • Fluid balance report (I & O) • Sample of "Consent for transfusion of Blood and/or Blood products" (in Blood Package)

<p>Skill #5 – Nutrition: CVC-PN (Central Venous Catheter and Total Parenteral Nutrition)</p> <ul style="list-style-type: none"> • Mannequin with triple lumen central line – Chester chest • CVC line, one line connected to Parenteral nutrition set for Alaris pump • Parenteral solutions • Smooth clamps to Parenteral Nutrition bag • Alaris pump • Tape • Sterile Saline • Clean gloves • Alcohol swabs (2) • Posters - CVC 	<p>Skill #6 – CVC-PN (Central Venous Catheter Dressing Change and Flushing Ports)</p> <ul style="list-style-type: none"> • Mannequin with triple lumen central line – Chester chest • CVC line, one line connected to continuous flow NS set for Alaris pump • Parenteral solutions • Smooth clamps • Alaris pump • Standard Dressing Tray • Trach Dressing • Non-allergic Tape • Sterile Saline • Sterile gloves • Mask (1) • Alcohol swabs (2) • 10cc luer lock syringe • 3cc luer lock syringe Posters – CVC
<p>Skill #7 – Chest Tubes Drainage Set Up</p> <ul style="list-style-type: none"> • Mannequin torso with a chest tube in place stabilized with a stat lock. Attached to a Pleur-evac® (include trouble shooting booklet) • New Pleur-evac® wrapped A6000 unit or waterless system • Clean gloves • Sterile water for Pleur-evac® – 120mL • Waterproof tape • Scissors • Alcohol swab and chlorhexidine swabs <p><i>Chest Tube Safety kit includes:</i></p> <ul style="list-style-type: none"> ○ 500 ml sterile water ○ 2 smooth tipped clamps ○ 1 large Opsite ○ 2 2x2 gauze ○ 1 4x4 gauze 	<p>Skill #8 – IV Bag and Tubing Change</p> <ul style="list-style-type: none"> • Health care provider order: IV normal saline 100 ml/hr • Clean gloves • IV 500 or 1000 ml normal saline primary IV fluid with 50 cc left to primary bag, connected to macrodrip administration set infusion tubing, connected to extension tubing with needleless device on an IV arm • Tubing change label on tubing to signify date of tubing changed. • 500 or 1000 mL normal saline IV fluid bag • Macrodrip administration set infusion tubing /or substitute tubing • IV pole • IV Rate label • Tubing change label • Non-allergenic tape • In/out sheet • 2 x 2's • Clean gloves

Skill #9 – Converting IV to Saline Lock

- Doctor's Order: Convert IV to saline lock
- Clean gloves
- 3 cc syringes with 1" 21 G needle and interlink adaptor
- Clean gloves
- IV 500 ml NS to macrodrip administration set infusion tubing connected to IV arm
- Alcohol swabs
- Non-allergenic tape
- 10 cc prefilled normal saline syringe
- Saline lock extension tubing with needleless device
- Red dead end cap

Skill #10 – SC Injections

- Doctor's Order & Medication administration record
- Doctor's order: Heparin 5000 units sc bid
- Doctor's order: Lovenox 30 mg sc bid (also known as enoxaparin)
- Lovenox vial 100 mg/ml
- Heparin vial 10,000 units per mL
- Lovenox drug monographs
- Heparin drug monograph
- Injecta pad
- Site – rotation chart
- Clean gloves
- Alcohol swabs
- Sterile 2 x 2 gauzes
- Syringe medication labels
- Subcutaneous syringes (1 mL with 25 G 5/8" safety needle)
- Blunt filled needles (2)
- Anticoagulant record
- Sharps Container

Skill #11 – Intramuscular Injection

- Doctor's Order & MAR
- Morphine 5-10 mg Q4H prn I.M.
- Dimenhydrinate 25- 50 mg Q4H prn I.M.
- 3 cc 1 ½ " 21 G safety needle
- Injecta pad
- Alcohol swabs
- Morphine 10 mg/ml ampule
- Dimenhydrinate 50 mg/ml vial
- Syringe medication label
- Blunt fill filter needle
- Blunt fill needle
- Clean gloves
- Alcohol swabs
- Yellow disposable bucket
- Poster with I.M. sites
- Narcotic sheet
- Medication administration record for charting

Skill #12 – Preparing Insulin

- Doctor's Order:
 - Humulin R 10 units SC q am
 - Humulin N 30units SC q am
- Clean gloves
- Alcohol swabs
- 2 x 2 gauzes
- Injecta pad
- Poster subcutaneous injection sites
- Diabetic record
- Site rotation record
- Diabetic teaching material
- Humulin R insulin vial
- Humulin N insulin vial
- Syringe medication labels
- Insulin 50 unit and 100 unit insulin syringes
- Humulin R and Humulin N drug monographs
- Variety of other insulin drugs (Lantus, novo rapid, 30/70)

Skill #13 – IV Medication Continuous Infusion

- Doctor's order: heparin 25,000 units administer as per heparin protocol
- Heparin protocol signed by physician
- Anticoagulant record
- Heparin drug nomogram
- Heparin bag 25,000 unit in 500 mls
- Single flow tubing set, no ports - Alaris
- Alaris pump
- Alaris guide for trouble shooting
- IV arm with extension tubing and needleless device attached
- 10 mL prefilled syringe

Skill #14 – Intermittent Administration of IV Medications via Saline Lock

- Doctor's Orders: in MAR
- Cefazolin 1 gm IV Q12H x 7 days via saline lock
- Drug monograph for Cefazolin
- Clean gloves
- Alcohol swabs
- On IV pole, IV set up, empty Cefazolin 50 mL mini bag to secondary medication line, connected to 250 mL Normal saline macro drip administration set infusion tubing with red dead end cap and tubing change label on tubing
- Medication record
- Non-allergenic tape
- IV arm with slide-clamp extension tubing with PRN interlink adaptor (slide clamp shut off) and needleless device
- Syringe medication labels
- Alcohol swabs
- Normal saline vial
- Cefazolin 1 gm powdered vial
- 50 cc Normal Saline mini bag
- Dead end cap
- Blunt fill needle
- 5 and 10 mL prefilled syringes x2

Skill #15 – Medications by Intravenous Bolus (IV Push/ IV Direct) into a Saline Lock

- Medications
- Doctor's Order: Give Morphine 2 – 5 mg IV push q1h prn
- Narcotic count book
- Ampule Morphine 1 mg in 1 mL
- Drug nomogram for morphine
- Saline lock with needleless device on an IV arm or static mannequin
- Blunt fill filter needle
- 10 ml syringe
- Normal saline vial (10 mL vial)
- Syringe medication label
- Pre-filled syringes 5cc and 10cc syringes x 2
- Clean gloves

Skill #16 – Subcutaneous Injection via a Subcutaneous Butterfly

- Doctor's orders: Hydromorphone 2-5 mg SC q2 hours prn
- Injector pad with a subcutaneous butterfly in place with needleless device. Dressing site has an opsite in place labelled Hydromorphone 50 mg/mL
- Alcohol swabs
- Subcutaneous syringes (1 mL with 25 G 5/8" safety needle
- Hydromorphone vial 50mg/mL – 5 mL vial
- Blunt filled needle
- Syringe medication labels
- Medication record
- Drug monographs for Hydromorphone

Skill #17 – IV Medication in a Primary IV Line (via Secondary or Piggyback Line)

- Doctor's Order and MAR: Cefazolin 1 gm. IV Q8H x 7 days. Metronidazole 500 mg IV Q12H x 3 days
- 5 ml and 10 ml pre-filled normal saline syringes
- IV compatibility chart laminated and on clipboard
- 3 cc syringe (needleless)
- Alcohol swabs
- Orange med label
- 50 cc N/S or D5W mini bag
- Pre-mixed Metronidazole mini bag
- Cefazolin 1 gm powder vial
- Microdrip or macrodrip secondary or piggyback IV tubing set with needleless system attachment
- IV 500 cc N/S with 20 mmol/L KCL IV primary IV fluid connected to macrodrip administration set infusion tubing, connected to extension tubing with needleless device on an IV arm
- Microdrip or macrodrip secondary or piggyback IV tubing set with needleless system attached to primary line, with an empty Cefazolin 1 gm medication IV medication bag hanging clean gloves

Skill #18 – Medications by Intravenous Bolus (IV Push/ IV Direct) into an Existing Intravenous Line

- Medications
- Doctor's Order: Give Furosemide 20 mg IV push stat
- vial marked – Furosemide injectable 10 mg/ml, 4 mL vial for IV use
- Drug monographs for Furosemide
- IV 500 cc N/S with 20 mmol/L KCL IV primary IV fluid connected to macrodrip administration set infusion tubing, connected to extension tubing with needleless device on an IV arm or static mannequin
- Blunt fill needle
- 10 ml syringe
- 5 ml syringe
- Syringe medication label
- Pre-filled syringes 5cc and 10cc syringes x 2
- Clean gloves

Skill #19 – Administering Medication through an Enteral Feeding Tube

- Add to 16A
- Medication record for Tylenol, Lasix and ASA administration
- 60 mL syringe, catheter tip for large bore tubes luer lock 20 ml syringe for small bore tubes
- Gastric pH test strips
- Graduated container
- Medication to be administered
- Pill crusher
- Water
- Tongue blade or straw
- Clean gloves
- stethoscope

Skill #20 – Nasointestinal Feeding Tube via Pump with Meds

- Doctor's Order: Feeding tube for continuous feeds
- Non-allergenic tape
- Flashlight or pen light
- Clean gloves
- Mannequin for feeding tube insertion
- Small-bore feeding tube
- 60 mL catheter tip syringe
- Irrigation container (graduated cylinder)
- Normal saline 500 mL
- Pulse oximeter
- Stethoscope
- Stat lock nose Securement device
- Tongue blade
- PH indicator test strips
- Water based lubricant
- Tissues, bedside unit
- Cup of water and straw
- Oral hygiene supplies
- Tube feed solution
- Tube feed pump
- Tube feed pole

Skill #21 – Nasogastric Tube Insertion and Irrigation

- Doctor's Order: Nasogastric tube to suction
- Flashlight or pen light
- Clean gloves
- Mannequin for NG tube insertion
- Nasal gastric tube #12-14 with anti-reflux valve
- 60 mL catheter tip syringe
- Irrigation container (graduated cylinder)
- Normal saline or water 500 mL
- "Gastric Fluid" (acid green) in C/S container to test of gastric counts
- Pulse oximeter
- Stethoscope
- Stat lock nose securement device
- Wall suction regulator, drainage bottle and tubing
- Tongue blade
- PH test strips with chart on container
- Water based lubricant
- Tissues, bedside unit
- Cup of water and straw
- Oral hygiene supplies
- Washcloth, towel and basin
- Elastic band, Safety pin, non-allergic tape
- Blue pad

Skill #22 – Newborn Assessment (Vitamin K Eye Ung)

- Newborn doll dressed and wrapped in bassinets, receiving blankets
- Scale
- Paper measuring tape
- Stethoscope, thermometer (electronic)
- Injectapad, alcohol swabs, 2 x 2 gauze
- Eye ointment-erythromycin, individual doses
- Vitamin K Ampoules 1 mg/0.5 ml
- Blunt fill filter needle
- Gloves
- Tuberculin syringe with 25 gauge, 5/8 inch needle
- Blunt fill filter needle
- Poster 33, 34, 35, and 36

**Skill #23 – Newborn Bath/Incubator/
Phototherapy/Car Seat**

- Newborn doll with diaper and nightie and blanket on, in bassinet
- Tub (1), towels (2), facecloths (2), soap, diaper (1)
- Newborn doll bundled
- Infant restraint seat
- Newborn in incubator with diaper and with eye patches on
- Blanket and nightie
- Electronic thermometer
- Stethoscope
- Alcohol swabs
- Clean Gloves

Skill #24 – Ostomy Care

- Doctor's Order: Irrigate ostomy prn
- Clean gloves
- Colostomy irrigation set
- Ostomy simulator
- Ostomy bags
- Mannikin with ostomy appliance and stool
- Curved scissors
- Measuring guide
- J-cloths
- Q-tips
- 2 x 2's
- Non-allergenic tape
- IV pole
- Bedpan
- Towel – bedside unit
- Basin
- Plastic garbage bags
- Bed protection pads
- Teaching binders
- Posters
- Assorted other ostomy supplies
- Skin prep

<p>Skill #25 – Intrapartum Assessment</p> <ul style="list-style-type: none"> • Posters – Labour and Delivery (#39) • Cloth pelvis and doll detachable placenta with cord • Pregnant Annie • Fetoscope • Clean Gloves 	<p>Skill #26 – Postpartum Assessment</p> <ul style="list-style-type: none"> • Female adult doll with breasts, bra and peripad (with varying degree of red or pink soaked pads to represent lochia), pad held on net pants • Fundus skills assessment trainer • Clean gloves
<p>Skill #27 – Urinary Catheterization</p> <ul style="list-style-type: none"> • Female simulator • Male simulator • Bath towel • Water proof absorbent pad • Clean gloves, wash basin, perineal cleaner and peri wipes • catheterization kit • antiseptic cleaning sponges – chlorhexidine • sterile gloves • Sterile straight catheter 14 and 16 Fr • Sterile foley catheter 14 and 16 Fr • Flashlight • Lubricant for mannequin • Sterile Urinary drainage system • 10 cc prefilled syringe • Alcohol swabs • Urine for C & S container • Device to secure catheter 	<p>Skill #28 – Bladder Irrigation: Intermittent</p> <ul style="list-style-type: none"> • Doctor’s Order: Irrigate urinary catheter PRN • Clean gloves • Indwelling Foley catheter in mannequin stat lock to anterior upper thigh • Closed urinary drainage system attached to Foley catheter • Normal saline bottle sterile 500mL • Antiseptic wipes • Clean gloves • 10 mL syringe • Disposable sterile irrigation kit • 30- to 60-mL irrigation syringe • Waterproof blue pad • Sterile gloves (not in kit) • Sterile catheter plug
<p>Skill #29 – Bladder Irrigation: Continuous</p> <ul style="list-style-type: none"> • Doctor’s Order: Continuous Bladder Irrigation 3000 ml N.S. x 2 • Sterile irrigation solution 3000mL normal saline irrigation bags • Antiseptic wipes • Clean gloves • Continuous bladder irrigation administration set (CBI set) • Closed drainage system and large bag • Indwelling 3-way catheter in mannequin stat locked to anterior upper thigh • Poster – continuous bladder irrigation • 30- to 60-mL irrigation syringe • Waterproof blue pad • IV pole 	<p>Skill #30 - Suprapubic Catheter Care</p> <ul style="list-style-type: none"> • Doctor’s Order: Irrigate supra pubic catheter pen, Change suprapubic catheter dressing prn • Mannikin with suprapubic catheter covered with Tegaderm and attached to continuous drainage bag containing urine • Sterile irrigation set • Large Sterile N/S

<p>Skill #31 – Dressing Change: Acute Surgical Dressing</p> <ul style="list-style-type: none"> • Doctor's Order: Change dressing prn • Dressing set • Dressing board • Clean gloves • N/S bottle, small bottle • 2 x 2's (4), 4 x 4's (2), 6 x 8's (1), 8 x 10's (1) • Abdominal Dressing(1) • Masking, non-allergenic tape 	<p>Skill #32 – Chronic Wounds (Irrigation/Packing)</p> <ul style="list-style-type: none"> • Doctor's Order: Irrigate wound with N/S and pack BID, follow with moist NS dressing • Dressing set • Clean gloves • Sterile gloves • Seymour Butt • Open abdominal wound with yellow drainage • NS bottles (sterile) • 2 x 2's, 4 x 4's, 6 x 8's, 8 x 10's • Sterile compress bowl • Green pad • Masking/non allergenic tape • Sterile packing • Med-Rx irrigation tip • Angiocatheter 19 gauge + 35 ml syringe • Normal saline (sterile) • Poster- Black, yellow, red wounds <p>Wound Management Binder</p>
<p>Skill #33 – Drain Shortening</p> <ul style="list-style-type: none"> • Doctor's Order: Shorten Penrose Drain 5 cm daily • Dressing sets • N/S (small) • Dressing board with Penrose drain and suture • Extra 4 x 4's, 6 x 8's, 8 x 10's • Graduated measure device • Trach dressing • Sterile scissors • Sterile safety pins • Masking/non-allergenic tape • Sterile gloves/clean gloves • NS Sterile bottle small/large • Green pads 	<p>Skill #34 – Suture/Staple Removal</p> <ul style="list-style-type: none"> • Doctor's Order: Remove staples/sutures today and remainder tomorrow • Dressing set • Clean gloves • Dressing board • Suture simulator • Staple simulator • Suture scissors (sterile) • Staple remover (sterile) • Steri-strips (sterile) • Normal saline (sterile) • Extra 2 x 2's, 4 x 4's, 6 x 8's, 8 x 10's