	Policies and Procedures Title: CODE BLUE CART – CONTENTS AND USE I.D. Number: 1069
Authorization: <input checked="" type="checkbox"/> Code Blue Committee <input checked="" type="checkbox"/> SHR Nursing Practice Committee	Source: Code Blue Committee Cross Index: SHR Nursing Policy & Procedure Manual: Code Blue #1012 Date Revised: May 2013 Date Reaffirmed: October 2017 Date Effective: October 2006 Scope: Saskatoon City Hospital Royal University Hospital St. Paul's Hospital

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1. PURPOSE

1.1 To ensure adequate supplies are available and the equipment is in proper working function.

2. POLICY

- 2.1 Code Blue Carts in SHR facilities will be stocked with standard equipment, supplies, and medications (See Appendix A).
- 2.2 Code Blue Carts in SHR facilities must be checked and restocked by a licensed care provider.

3. PROCEDURE

- 3.1 It is the responsibility of the unit where the Code Blue Cart is located to ensure that it is checked as per SHR standards. See below.
 - Defibrillator checked **daily** as per manufacturer's guidelines.
Note: When not in use the Lifepak 20 should have the cable attached to self test plug to allow for the daily automatic self-test @ 0300 hours) See Standard Work (See Appendix B).
Note: Outpatient units to checked at the beginning of work week and every day unit is open
 - Supplies are checked weekly i.e. Prepared modules are intact.
 - Review expiry dates monthly.
 - Oxygen tank checked weekly and after each use.
Note: Replace oxygen tank when less than 300 L remains.
 - Recharge portable suction q 6 months and following each use.
Note: Replace suction canisters/filters every 2 months and following each use
 - Code Blue Cart Checklist must be filled out daily, weekly, and monthly(See Appendix C).
 - The fully stocked Code Blue Cart should have a safety device to alert staff that the Code Blue Cart is fully stocked.

- 3.2 When a Code Blue cart has been used, it is the responsibility of the unit calling the Code Blue to restock the Code Blue cart immediately, prior to returning it to its home location.
- 3.3 Ensure supplies on the Code Blue cart match those listed in the Minimum list for Code Blue equipment – Code Blue Carts (See Appendix A).
- 3.4 For areas caring for pediatric patients (17 years of age less a day) Code Blue Carts must also contain the pediatric code supplies (See Appendix A).
- 3.5 If supplies are unavailable to restock the Code Blue Cart, or an equipment malfunction occurs, the unit must notify another area to cover any Code Blue calls that arise until the problem has been rectified.
- 3.6 Code Blue carts may be used for non-arrest situations in non-critical care hospital units at the discretion of a physician provided that:
 - The physician supervises client for the duration of use
 - Arrangements have been made for another Code Blue Cart to be available while that Code Blue cart is in use
 - Nursing staff who are not certified in ECG Monitoring and Rhythm Interpretation, are not responsible for cardiac monitor interpretation during non-arrest usage of Code Blue Cart monitors.

Appendix A

Minimum Supplies – Code Blue Cart

Code Blue Cart Checklist

It is the responsibility of the unit where the Code Blue cart is located to ensure that they are checked routinely and following each use as per SHR standards.

- Defibrillator is checked daily as per manufacturer’s guidelines.
- Supplies are checked weekly. I.e. Prepared modules are intact
- Oxygen tank checked weekly
- Review expiry dates monthly.
- *Note: Replace tank when less than 300 Litres*
- The fully stocked cart should have a safety device to alert staff that the cart is fully stocked

Reference: Code Blue Cart Policy #1069

Points of Note regarding handling of modules:

- Opened or expired pharmacy modules can be replaced from SPD or Pharmacy
- Opened or expired intubation kit or airway management tray can be replaced from SPD

Ensure appropriate precautions are used when Code Blue Cart is used for patients on **Additional Precautions**.

- Limit the supplies that are brought into the room
- Anything that is wrapped in paper cannot be cleaned and is to be discarded
- Remaining items that can be cleaned, can be kept for future use on the unit but cannot be returned to SPD

Code Cart Check for Lifepak 20

After 0300hrs:

1. Ensure Defibrillator/Monitor plugged in and Charge Light is on.
2. This defibrillator will do a self-test every night @ 0300hrs as long as the self- test plug is connected.
3. ECG cable to be in place and attached.



1. Green light is on when plugged in and charging

2. ECG cable is in place

3. Cable is plugged into Self-test plug

TOP OF CART		
ITEM	QUANTITY	SPD#
ECG Paper	1 roll	42467
ECG Electrodes – (5 per package)	2 Pkg	62135
Red Locking Device (may use alternate)	2	83385
Sharps container (medium)	1	112400
Lifepak 20e defibrillator/monitor cable	1	Clinical Engineering
Multifunction Defibrillation Electrodes	2	200965
Razor	1	47240
Mask/Face shields	5	83128
Unsterile gloves - large	1	61430
Provincial Standardized Critical Care Infusion Chart	1	Internet (SK Smart IV Pump)
Clipboard with "Code Blue Record" & Pen	2	Ward Stock
Side of Cart- Oxygen Tank with manifold and flow meter (make sure tank is full daily/minimum 300L)		Ward Stock
Devilbiss Portable Suction and Tubing (required for travel carts only)		Suction Tubing - 51105 Canister Filter Replacement-215604
Code Blue Binder with Checklist		

DRAWER #1: EMERGENCY DRUGS: 2 Modules

Module A

ITEM	QUANTITY
Amiodarone 150mg/3ml amp	3
Atropine 0.5mg/ 5ml prefilled syringe	3
Epinephrine 1 mg/ 10 ml (1:10,000) prefilled syringe	4
Epinephrine 1mg/ 1ml (1:1000) vials	12
Lidocaine 100 mg prefilled syringe	2
Metropolol 5 mg vial	1
Norepinephrine 4 mg/ml vial	4
Sodium Bicarbonate 50 mEq prefilled syringe	1

Module C

ITEM	QUANTITY
Atropine 0.4 mg/ 1 ml amp	2
Calcium Chloride 1 gm prefilled syringe	1
Dextrose 25g/ 50 ml (50%) prefilled syringe	1
Dobutamine 250 mg/ 20 ml vial	1
Furosemide 40 mg/ 4 ml amp	1
Naloxone 0.4 mg/ 1 ml amp	2
Magnesium Sulfate 5gm / 10 ml amp	1
Midazolam 10 mg/ 10 ml vial	1
Procainamide 1 gm / 10 ml vial	1
Phenylephrine 10 mg / 1 ml vial	3

*1 Premixed bag of Dopamine 400mg/250 mL from Pharmacy (1600 mcg/ml)

DRAWER #2: IV STARTS AND SYRINGES

ITEM	QUANTITY	SKU #
IV Cathlons:		
#18	2	219834
#20	2	219835
#22	2	219831
#24	2	219833
Assorted Needles:		
#20 G (1 ½ inch)	2	200911
#18G (1 ½ inch)	2	200918
#18G Blunt Fill	5	200928
Pre-filled Saline Flush Syringe	10	503320
Sodium Chloride 0.9% (10ml Vial)	2	503321
Transparent IV dressing	2	60410
Medication Labels	5	WS
Tourniquet	2	43150
Alcohol Swabs	10	WS
Chlorohexidine Swabs	2	44546
Adhesive Tape 1" roll	1	44470
Syringes:		
Syringe with blunt fill attached 10 ml	6	200973
Syringe with blunt fill attached 5 ml	6	200972
Syringe with blunt fill attached 3 ml	5	200971
Syringe 1 ml (needleless)	5	100777
Macrobore Clave Extension	2	83090

DRAWER #3 : ABG & LAB

ITEM	QUANTITY	SKU #
ABG Kits with needle	2	200987
Blood Spec Tubes:		
<ul style="list-style-type: none"> • Large green 3 ml • Gold Top 5 ml • Blue Top 2.7 ml • Lavender Tube 3 ml • Red Top 5 ml 	<p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p>	<p>124043</p> <p>124045</p> <p>124107</p> <p>83261</p> <p>124038</p>
2.0 Suture Silk	1	48362
Needle Driver	1	525240
Vacutainer holder	1	200985
Multisample needle 20 G	2	200983
60 ml syringe tip luer lock	1	50730
Scalpels size 11	1	47440
2 x 2's	6	44300
4 x 4's	6	88646
Suture Scissors	1	525345

Check Expiry dates

DRAWER #4: Manual: Lifepak 20

Life Pack Manual

DRAWER #5: AIRWAY SUPPLIES

**DO NOT
OPEN TRAY
TO CHECK
EXPIRATION
DATES**

ITEM	QUANTITY	SKU #
Intubation Kit: 1of 2		
• #7 Evac Endotracheal Tube	1	112737
• #8 Evac Endotracheal Tube	1	
• Adult Intubating Stylet	1	
• Adult Laryngoscope handle with Mac 3 Blade (Disposable)	1	
• Adult Laryngoscope handle with Mac 4 Blade (Disposable)	1	
• #4 Oral Airway	1	
• 12 ml Syringe without needle	1	
• Twill tape (2 meter length)	1	
• CO ₂ Detector	1	
• #14 Suction Catheter	1	
• Yaunkauer Suction	1	
• Muko gel pkg	1	
Adult Airway Management Tray: 2of 2		SKU #
• Oral airway #2, #3, #5	1 of each	111616
• #6 Endotracheal tube	1	
• #7 Endotracheal tube	1	
• #8 Endotracheal tube	1	
• #6 Nasal trumpet	1	
• Roll 1" adhesive cloth tape	1	
• Adult intubating stylets	1	
• 12 ml syringe without needle	1	
• McGill forceps	1	
• Adult Laryngoscope handle with Mac 2 blade (disposable)	1	
• Muko gel pkg	1	
Adult Bag Mask Device comes with #5 Mask	1	215679
Mask #3	1	60825
Mask # 4	1	60826
Oxygen Tubing	1	47420
Suction Tubing	1	51105
Non-rebreather Oxygen Mask	1	47340
Lidocaine Endotracheal Spray Canister (30 ml) Nozzle	1	Pharmacy

Drawer #6: PEDIATRIC EQUIPMENT
 For the following Units Only
 SCH = OR, 3rd floor observation unit, 3300, PACU, 4300, and ER travel cart
 SPH= ICU travel cart, OR, Medical Imaging, ER travel cart
 RUH = ER, PET/CT, Hemodynamics, Diagnostic Imaging, Nuclear Medicine, MRI, Pediatric Outpatient, PICU, NICU, Electrodiagnostics, Labour and Delivery and Dube Centre

ITEM	QUANTITY	SPD #
Pediatric Bag-Valve Mask	1	215953
Pediatric Face Mask Size 1	1	60823
Pediatric Face Mask Size 2	1	60824
Pediatric Non-Rebreather Mask	1	125656
Pediatric Oxygen Mask	1	473301
# 8 French Feeding Tube	1	217516
18 Gauge 4 cm Intraosseous Needle	1	77655
18 Gauge 2.5 cm Intraosseous Needle	1	77657
Broselow Tape	1	Special order
Defibrillation Radiotransparent electrodes/patches	1	40326
Pediatric Intubation Tray Endotracheal Tubes <ul style="list-style-type: none"> • #2.5 uncuffed ET tube • #3.0 uncuffed ET tube • #3.5 uncuffed ET tube • #3.5 microcuffed ET tube • #4.0 microcuffed ET tube • #4.5 microcuffed ET tube • #5.0 microcuffed ET tube • #5.5 microcuffed ET tube Oral Airway <ul style="list-style-type: none"> • #00 • #0 Size, • #1 Size, • #2 Size <ul style="list-style-type: none"> • pediatric intubation stylet • 12ml luer lock syringe • Easycap CO₂ detector device • Pedicap detector device (Portex CO₂ clip) • child McGill forcep • Yankauer suction • Small Laryngoscope handle (disposable) • #1 Macintosh curved Laryngoscope blade (disposable) • #2 Macintosh curved Laryngoscope blade (disposable) • #0 Miller straight Laryngoscope blade (disposable) • #1 Miller straight Laryngoscope blade (disposable) • #6 French suction catheter • #8 French suction catheter • #10 French suction catheter 	1	535010

Left Side Panel:	IV Supplies
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ITEM	QUANTITY	SPD #
1000 mL 0.9%NaCl(1 st Drawer)	1	503290
Primary IV non-pump tubing (1st Drawer)	3	83096
500 mL 0.9% NaCl (2 nd Drawer)	2	503300
Primary IV pump tubing (2 nd Drawer)	2	201597
250 mL D5W (3 rd Drawer)	2	503130
100 mL D5W (3rd Drawer)	4	88229
Manual BP cuff and stethoscope (4 th Drawer -travel carts only)		Ward Stock
Pulse oximeter with finger probe (4 th Drawer - travel carts only- Non patient areas		Ward Stock
IV Pressure Bag (4 th Drawer)	1	Ward Stock

Appendix B

	Name of Activity: LifePak 20 Defibrillator Standards		
	Role performing Activity: clinical engineering, code blue cart unit staff owners		
<h1>WORK STANDARD</h1>	Location: Saskatoon Health Region		Department: Patient Care areas
	Document Owner: Code Blue Committee		Region/Organization where this Standard Work originated: SHR
	Date Prepared: September 4, 2015	Last Revision: October 11, 2017	Date Approved:


Standard Work Summary:

Task Sequence (Order in which tasks occur)	Task Definition (Brief summary of task)
1.	All LifePak20 defibrillators should come with a door and have the default to AED mode (exception Emergency departments, RUH CCU/ICU, RUH PICU and RUH Cardiac catheterization laboratory) <ul style="list-style-type: none"> • Energy delivered in AED mode will escalate 200-300-360 joules
2.	The LifePak20 will be assessed for readiness q 24hrs <ul style="list-style-type: none"> • Green charging light on • ECG cable in place securely • Self-test plug connected • Printer paper in place • "Self-test succeeded" print-out confirmation present
3.	Self-test is generated @ 0300hrs every day <ul style="list-style-type: none"> • If LifePak20 fails self-test, check that self- test plug is connected • If connected, turn on machine • Turn off AED mode by opening door • Press options • Select "user test" • Select "yes" to start user test • Confirm strip prints "User test succeeded" • If user test fails, notify Clinical Engineering for assessment • Notify closest unit for code blue coverage until LifePak 20 replaced or repaired

Appendix C

Code Blue Cart checklist: LifePak 20

MONTH _____ (RETURN TO MANAGER)

Initial	Daily Recommend to assess after 0300hrs to ensure self-test completed	Weekly	Monthly	Portable Suction Every 2 months + Every 6 months
Date	1. Defibrillator charging light on 2. Self-test plug connected 3. Strip printed to show 0300hrs test passed 4. Safety device intact to confirm cart fully stocked 	1. Modules intact/ All supplies present 2. Replace expired products 3. Oxygen tank >300 liters 4. Check Portable Suction	Overall review of expiry dates	* for select carts only 1. Charge battery at least 5 hours every 6 months 2. Replace canister and filter q2months & after use
INITIAL ITEM ON COMPLETION OF CHECK				
Aug 26, 2017	<i>EW RN</i>	<i>EW RN</i>	<i>EW RN</i>	<i>EW RN</i>

EXAMPLE