















Augusta Health  
Educational Program Attendance Roster

Course Title: Impella Skills Checkoff  
 Date: 5-6-21 Length: 30 min Time: 1300 No. Sessions: 1  
 Location: Cath Lab Presenter & Department: Eric Stegcher / Cath Lab

Employee ID #	Printed Name (Write clearly)	Signature	Title	Department	Other (Specify)
10668	Matthew Russell		RN	CCL	
15504	Laura Schneider		RT(R)	CC	
11110	ALLISON HENDERSON		RN	CCL	
11373	Haley Henderson		RT(R)	CCL	
10352	Michael Dubon		RN	CC	
8965	Faith Huff		RN	IR	
11127	Ambour Jude		RT(R)	CCL	
04883	Jonathan Coleman		RN	CC	



EDUCATIONAL PROGRAM ATTENDANCE ROSTER

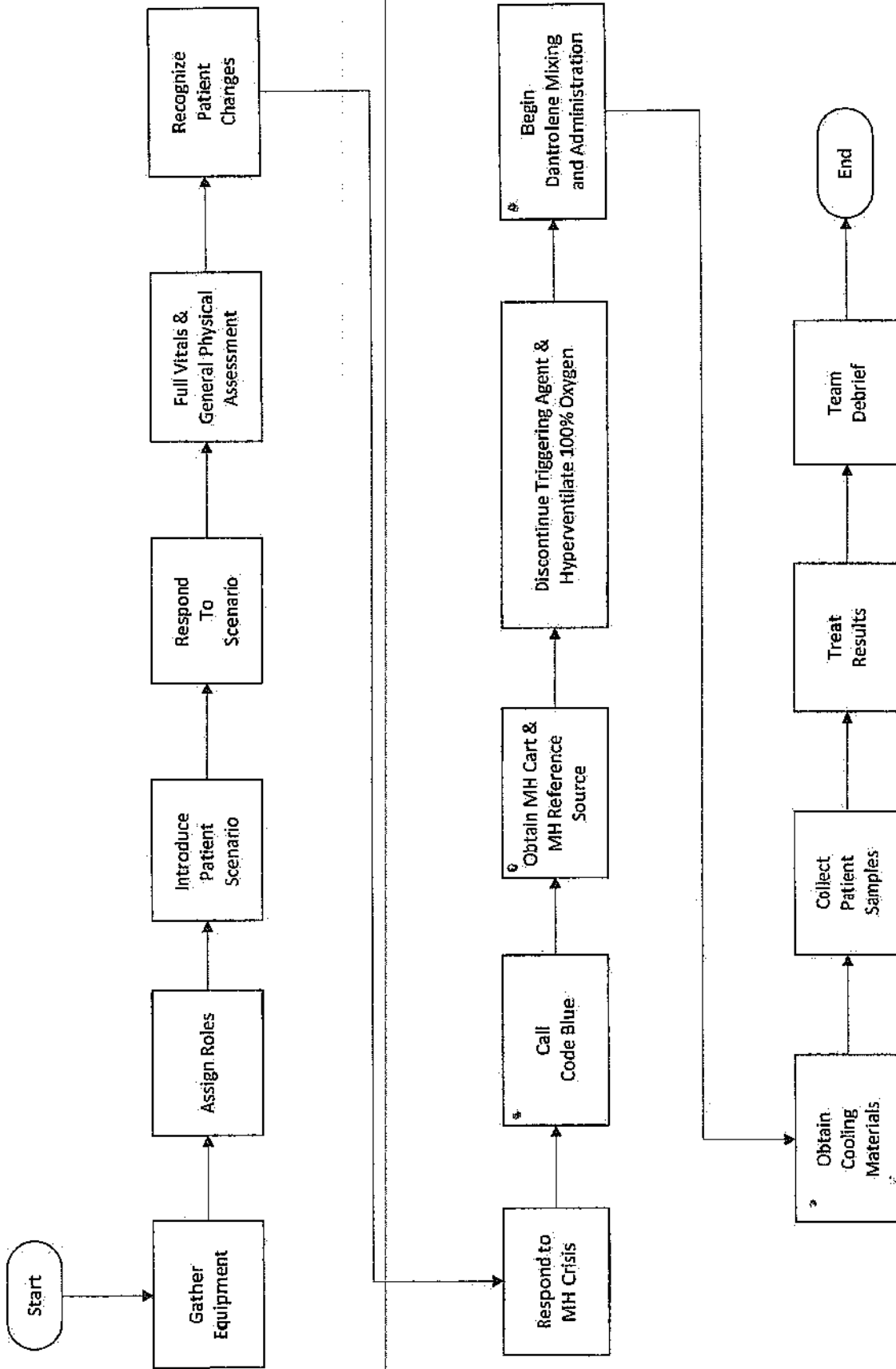
Course Title: Malignant Hyperthermia Code

Date: 5-3-21 Length: 30 min Time: 1100 - 1400 No. Sessions: 6

Location: \_\_\_\_\_ Presenter and Department: Eric Stegeman / CCL

Employee ID #	Printed Name (Write Clearly)	Signature	Title	Department	Other (Specify)
06586	BANDS, Andrew	<i>Andrew Bands</i>	RN	CCL	
4769	Wendy Gibson	<i>Wendy Gibson</i>	RN	CCL	
04883	Jonathan Colman	<i>Jonathan Colman</i>	RN	CCL/EP	
101100	Allison Henderson	<i>Allison Henderson</i>	RN	CCL	
11199	Lara Smith	<i>Lara Smith</i>	RN	CCL	
10350	Richard Rubin	<i>Richard Rubin</i>	RN	CCL	
11373	Haley Henderson	<i>Haley Henderson</i>	RN/VE	CCL	
15171	Daniel Marinelli	<i>Daniel Marinelli</i>	RN	CCL	
16307	Michael Khan	<i>Michael Khan</i>	RN	EP/CCL	
01892	Trece Shiffert	<i>Trece Shiffert</i>	RN	CCL	
10658	Matthew Russell	<i>Matthew Russell</i>	RN	CCL	

# Malignant Hyperthermia (MH) Drill: Process Flow



*Call CPD for handbook  
OR Change for cart if looked for.*

# Malignant Hyperthermia Mock Drill Evaluation Tool

Date/Time/Location of drill: 5/8/12 / 1600 / Cardiac Cath Lab

Evaluator: Emily Wyant, RN / Linda Freed, RN

Type of Drill:

Announced

Unannounced

Objective or Time Parameters

Pharmacy called = 1612

Malignant hyperthermia (MH) suspected:

Call for help (code blue) and MH cart 1608

MH cart arrived 1612

Code cart arrived 1609

First vial of Dantrolene ready & given 1617

Full dose of Dantrolene ready & given 1620

Full dose from pharmacy arrival 1631

Cooling supplies arrive:

ice/ice packs 1616

Saline 1616 (called for, but did not verbalize that it was brought)

Insulin 1615 (in control on unit)

Samples sent:

Blood: 1610

(ABGs, chemistry, CK, coags, lactate)

Urine: 1610

MH Hotline consulted: 1612

Subjective Parameters

Leadership/team dynamics (general): Excellent  Good  Fair  Poor

Anesthesiology Sub-Team

Leader identified clearly

Effective communication

Roles clearly assigned

Tasks accomplished efficiently

Responders checked back with leader

Adaptive to patient and team needs

Nursing Sub-Team

Leader identified clearly

Effective communication

Roles clearly assigned

No

No

No

No

No

No

No

No

No

# Malignant Hyperthermia Mock Drill Evaluation Tool

Tasks accomplished efficiently  
 Responders checked back with leader  
 Adaptive to patient and team needs

## Evaluator/observer comments:

### Communication:

Call for help effective  
 Clear and respectful  
 Questions answered clearly  
 Verification of critical actions  
 Minimal confusion

### System/environment check:

MH cart:

Easy to find  
 Properly stocked  
 Easy to use

Check on 3-way stopcock in cart

Cold supplies:

Normal saline 1 L

(PACU)  
 properly stocked  
 Yes  
 No

cold  
 Yes  
 No

Yes  
 Yes  
 Yes

No  
 No  
 No

Yes  
 Yes  
 Yes  
 Yes  
 Yes

No  
 No  
 No  
 No  
 No

Yes  
 Yes  
 Yes

No  
 No  
 No

### Observations of evaluators:

Excellent drill - minimal process concerns.  
 Would like to set up unannounced drill to assess knowledge when have not had time to prepare.

### Comments during the debriefing section:

How do you feel the team performed?  
 Excellent: leader communicated roles clearly. Staff read back orders appropriately. Drill flowed efficiently and effectively.

### What went well?

Team had prepared for drill, reviewed team member roles, and had plan in place.

### What are opportunities for improvement?

Suggest that unit continues "spot" MH education drills to keep information fresh.

### Challenges?

Manufacturers not making 60ml syringes anymore, which is necessary for reconstruction of cartilage. Staff now have to use two 30ml syringes.



# Malignant Hyperthermia Drill Checklist

• Circulating RN will be Team Leader and call Code Blue

• Monitoring staff will make calls to:

○ Pharmacy 4550

○ Lab 4508

○ Anesthesia 4329

○ ICU 4260

○ Pacu 4290

○ Nursing supervisor 4100

○ MH hotline 1.800.644.9737

○ Materials 4755 (for cooling blanket)

○ CPD 4090 (for cooling device)

• Responding Staff:

○ One staff to help anesthesia with Feeding tube, Art line, Central Line

○ Three staff for chest compression/defibrillator/medication rotation

○ One staff to assist with Intubation and get Airway box/RSI kit. Then obtain labs (blood/urine)

○ One staff to document code blue if supervisor not available

○ One staff to obtain MH cart from OPS and cooled saline from PACU – 3 bags, then to apply cooling

○ 2-4 staff to mix and admin Dantrolene

• Medications:

○ Dantrolene 2.5 mg/kg IVP initially, f/u doses sent from pharmacy. Only compatible with Sterile Water. Dosing chart included on MH cart.

○ Sodium Bicarb 1-2 mEq/kg for acidosis

○ Humulin R insulin IV 10 units/ 1-2 amps D50 and Calcium Chloride 10mg/kg for hyperkalemia

Without supporting staff from code blue response, pharmacy, respiratory and supervisor, a MH code can take up to 12 staff to run properly. ALL HANDS ON DECK!