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| **Scenario Information** | |
| **Case Name/Topic**  ex. “Pediatric Sim 8/10/15”, “ PEA Arrest” |  |
| **Target Audience/Learners**  ex. Medical Students, Residents, RNs, etc. |  |
| **Date of Scenario** |  |
| **Authors/Points-of Contact**  Names, Emails, Affiliations |  |
| **Authorized to share scenario**  Indicate if you give HCMC Sim Center permission to share your scenario | Internally (HCMC)  Externally |

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| **Overview of Simulation Scenario** | |
| **Case Summary**  3-4 sentences describing the overall flow of the case  Ex: A 50 y/o male presents to… | |
|  | |
| **Primary Objectives**  Use actionable verbs: Recognize, Perform, Demonstrate, Evaluate, Create... | |
| Ex | Create an algorithmic approach to the patient with PEA arrest. |
| 1 |  |
| 2 |  |
| 3 |  |
| 4 |  |
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| **Critical Action Checklist**  List the **specific actions** you want to see your learners perform and how you will know they performed them (eg. “Checks vital signs”, “Explains situation to family”, “Verbalizes diagnosis of pneumothorax when seen on X-ray”) | | |
| **EX** | Obtains set of vital signs | Notes |
| **1.** |  |  |
| **2.** |  |  |
| **3.** |  |  |
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| **Actors & Roles**  All necessary people and their roles on day of simulation | | |
| **Role**  Patient, family member, RN, MD, consultant, PCP, EMS, security, etc. | **Playing the part?**  SIM Mannekin, Sim Center Actor, extra RN, faculty, etc. | **What will they do?**  Patient can barely breathe, speak, or answer questions. Very anxious.  Family Member is very concerned and starts to get angry with medical staff as case progresses. |
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| **Sim Jockey**  **(runs simulator)** |  |  |
| **Debriefer(s)** |  |  |

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| **Information Available to Learners** | |
| Scene Intro  (given to learners prior to entering room)  eg “you are in a small, rural hospital…” |  |
| **If learners ask for patient information, patient or confederate will tell them:** | |
| Chief Complaint |  |
| Triage note, EMS or Nursing Home report |  |
| History of Present Illness  (given by patient, family, etc.) |  |
| Past Medical/Surgical History |  |
| Medications |  |
| Allergies |  |
| Family/Social History |  |
| Scenario conditions/resources  (rural hospital, small clinic, STAB room) |  |
| Initial Vitals | BP: HR: RR: SpO2: Temp: |
| Physical Exam | * 1. General:   2. Neuro:   3. HENT:   4. Eyes:   5. Chest/Pulm:   6. CV:   7. Abd:   8. Back:   9. Ext:   10. Skin: |

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| **Scenario Branch Points**  List the “expected actions” or “triggers” such as changes in patient condition, interventions, patient’s response to treatments, etc.  *Write this so that someone else can look at it and understand how your scenario will flow* | | |
| **EXAMPLE of Expected Action:**  Asks for vitals | **If yes →** | Initial vitals show up on screen |
| **If no →** | Confederate nurse thinks out loud, “I wonder if their oxygen levels are okay...” |
| **If still no →** | Confederate nurse asks, “Do you think you’ll want vital signs for this patient?” |
| **EXAMPLE of Trigger:**  Patient seizes | **Appropriate→** | If learner prepares O2, suction, and asks for 2mg Ativan, seizure stops |
| **Inappropriate→** | If no action, nurse asks “The patient looks like he is seizing, what can I do to help?” |
| **Still Inapprop→** | If still no action, nurse asks “Is there any medications we can give to stop the seizure?” |
|  | **If yes →** |  |
| **If no →** |  |
| **If still no →** |  |
|  | **If yes →** |  |
| **If no →** |  |
| **If still no →** |  |
|  | **If yes →** |  |
| **If no →** |  |
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| **If still no →** |  |

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| **Stimuli for Day of Scenario** | |
| **Labs** |  |
| **EKG** |  |
| **Radiology** |  |
| **Ultrasound** |  |
| **Physical Exam Pictures** |  |
| **Miscellaneous** |  |

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| **Debriefing Plan**   1. **Watch:** [**High-Fidelity, Case-based Simulation Debriefing Video**](https://vimeo.com/33991081) 2. **Read:** [**Supplementary Debriefing Quick Reference Guide**](https://docs.google.com/document/d/1EbtQGRhKIbDsMve12npeUJ9HqX_oJUQw2a9zanC5HEY/edit?usp=sharing) | |
| Method | Individual vs group? Time to watch video of sim scenario? |
| Materials | Please attach or email supplementary didactic materials as needed |
| **Reaction Phase Questions** | 1. How did you feel about the case? |
| **Understanding Phase Questions** | 1. What was going through your mind when you first saw the patient...? 2. Do you have an approach you use every time you see someone with…? 3. I noticed that… what was going through your mind at that point? 4. ... 5. … 6. … 7. ... |
| **Summary Phase Questions** | 1. What main learning point can you take away from this scenario and apply to your clinical practice in the future? |
| Assessment Tool  (if applicable) | Only needed if learners are being graded/assessed with the simulation. |

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| **Equipment Checklist** | |
| **Sim Room Assigned** |  |
| **Scenario Name** |  |
| **Patient Name/DOB** |  |
| **In EPIC?** |  |
| **Setting/Environment** |  |

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| **Patient Board needed?** | | **Yes** or **No** |
| **Please fill out with items you would like to be on the patient white board** | | |
| Room:  Phone: 612-873-  Date:  Name:  Nurse:  Nursing Assistant:  MD: | Schedule  Diet:  Breakfast:  Lunch:  Dinner: | |
| Managing My Pain  *Pain Goal:* | My Goals:  Activity:  Possible Discharge Date: | |
| Patient and Family Questions and Concerns:  Family Contact: | | |

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| MISC. EQUIPMENT | | MISC. EQUIPMENT | | | MISC. EQUIPMENT | | |
| **Avail** |  | | **Avail** |  | | **Avail** |  |
|  | Instructor PC | |  | WOW | |  |  |
|  | Patient VS Monitor | |  | Extension Cord | |  |  |
|  | Drainage bag | |  | ILT Barcode Sheets | |  |  |
|  | Compressor | |  | Barcode Scanner | |  |  |
|  | Two way mirror | |  | Medication Scanner | |  |  |
|  | USB Microphone | |  |  | |  |  |
|  | Headsets/Walkies | |  |  | |  |  |
|  | Mouse | |  |  | |  |  |

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| **Equipment Needed** | | | | | | | | | |
| **On** | **Avail** | **Mannequin** | | **On** | **Avail** | **Body Fluids** | **On** | **Avail** | **Confederates:** |
|  |  | Sim Man 3G (2 available) | |  |  | **Sweat** |  |  | Name badges |
|  |  | Sim Man Classic | |  |  | **Emesis** |  |  | Wardrobe |
|  |  | SimMom | |  |  | ☐ Basin ☐ Chux |  |  | Other |
|  |  | Junior (6-7 year old) | |  |  | Quality: | **On** | **Avail** | **Mannequin Status** |
|  |  | Baby (7 month old) | |  |  | Quantity       mL |  |  | ☐ Male ☐ Female |
|  |  | Newbie (full-term newborn) | |  |  | **Urine** |  |  | Position: |
|  |  | Standardized Pt | |  |  | ☐ Foley ☐ Urinal |  |  | ID bracelet |
|  |  | Other: | |  |  | Quality: |  |  | Allergy bracelet: |
| On | Avail | **Monitor** | |  |  | Quantity     mL |  |  | Gown |
|  |  | EKG | |  |  | **Feces** |  |  | Wig: |
|  |  | Pulse ox | |  |  | ☐ Bag ☐ Chux |  |  | Hat: |
|  |  | NIBP | |  |  | Quality: |  |  | Glasses: |
|  |  | Temp | |  |  | Quantity       mL |  |  | Other: |
|  |  | End tidal CO2 | |  |  | **Blood** | **On** | **Avail** | Clothes: |
|  |  | Arterial Line | |  |  | Quantity mL | **On** | **Avail** | **Dressings**: |
|  |  | Central Line | |  |  | Other: | **On** | **Avail** | **Moulage**: |
|  |  | ☐FloTrac ☐ PA Cath | | **On** | **Avail** | **Intubation Equip.** |  |  |
|  |  | Ventric | |  |  | ETT sizes - | **On** | **Avail** | **IV Access /Lines** |
|  |  | Swan | |  |  | Blades - |  |  | None |
|  |  | Other | |  |  | Handle |  |  | Saline lock |
| **On** | **Avail** | **Oxygen Delivery Devices** | |  |  | ET introducer/Bougie |  |  | IO |
|  |  | Nasal cannula@ | |  |  | Suction |  |  | PICC |
|  |  | NRB Mask @ | |  |  | BVM |  |  | TL Central line  *Location:* |
|  |  | Nebulizer | |  |  | OPA |  |  |
|  |  | BiPAP | |  |  | NPA |  |  | Umbilical |
|  |  | Intubated | |  |  | Supraglottic |  |  | Arterial line  *Location:* |
|  |  | Trach | |  |  | ETCO2 detector |  |  |
|  |  | Anesthesia gas machine | |  |  | Bulb detection device |  |  |  |
|  |  | Vent: Mode:    Rate   PEEP   FiO2 Vent Type | |  |  |  |  |  |  |
|  |  | End Tidal CO2 cannula | |  |  |  |  |  |  |
|  |  |  | |  |  |  |  |  |  |
| **On** | **Avail** | **Procedures** | | **On** | **Avail** | **Equipment, Tubes** | **On** | **Avail** | **Equipment, Tubes** |
|  |  | Needle thoracostomy | |  |  | NG tube |  |  | Epidural catheter |
|  |  | Chest Tube | |  |  | OG tube |  |  | Chest tube |
|  |  | Pericardiocentesis | |  |  | Foley catheter |  |  | Other |
|  |  | LP-Adult or Peds | |  |  | Rectal tube |  |  |  |
|  |  | Central line | |  |  | Gastric lavage |  |  |  |
|  |  | Other | |  |  | PEG / Feeding tube |  |  |  |
| **Paper** | **Electronic** | Stimuli  \*Please let us know if you need help finding | | | | | **On** | **Avail** | **Equipment, Other** |
|  |  | ***Stimuli*** | *Specify what you would like* | | | |  |  | Code Cart |
|  |  | **EKG** |  | | | |  |  | Ultrasound |
|  |  | **X-ray** |  | | | |  |  | IO Gun & Needles: Adult or Peds |
|  |  | **CT** |  | | | |  |  | Airway Cart |
|  |  | **MRI** |  | | | |  |  | iSTAT |
|  |  | **Ultrasound** |  | | | |  |  | Cervical Collar |
|  |  | **Fast** |  | | | |  |  | Glucometer |
|  |  | **Heart** |  | | | |  |  | Backboard |
|  |  | **Lungs** |  | | | |  |  | CMAC |
|  |  | **Labs** |  | | | |  |  | Emesis basin |
|  |  | Other:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | |  |  | Junctional Bleeding Trainer |
| **On** | **Avail** | Documentation Forms | | | |  |  |  | Defib |
|  |  | Sign-out report | | | |  |  |  | Flolan |
|  |  | Code Record | | | |  |  |  | Continuous Neb |
|  |  | EHR  MRN#  Unit | | | |  |  |  | Syringe Pump |
|  |  |  |  |  | Bair Hugger |
| **On** | **Avail** | Misc. Environment Props | | | |  |  |  | HCA Cart |
|  |  | *Inpatient furniture*: Chair, bedside and overbed table, telephone, call light | | | |  |  |  | TOCO monitor & Belts |
|  |  |  |  |  | Alsius |
|  |  | Walker | | | |  |  |  |  |
|  |  | Bedside Commode | | | |  |  |  |  |
|  |  |  | | | |  |  |  |  |

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| **Medications Needed**  Routes: IVP, IVPB, IM, PO, PR, SL, Intra-nasal | | | | | | | | |
| **On** | **Avail** | **IV Fluids** | **Avail** | **Route** | **Cardiovascular** | **Avail** | **Route** | **Narcotic/Analgesics** |
|  |  | Standby Pump(s): |  |  | *Anti-arrhythmic* |  |  | Fentanyl 50 mcg/mL |
|  |  | IVF:  Rate       mL/hr |  |  | Adenosine 3 mg/mL\* |  |  | Morphine 1 mg/mL |
|  |  |  |  | Amiodarone 30 mg/mL\* |  |  | Dilaudid (Hydromorphone) |
|  |  | IVF:  Rate       mL/hr |  |  | Atropine 0.4 mg/mL\* |  |  | Other: |
|  |  |  |  | Digoxin 0.25 mg/mL | **Avail** | **Route** | **Sedative/Hypnotic** |
|  |  | IVF:  Rate       mL/hr |  |  | Lidocaine 1 mg/mL \* |  |  | Diazepam 2 mg/mL |
|  |  |  |  | Procainamide 500 mg/mL |  |  | Lorazepam (Ativan) 1mg/mL |
|  |  | IVF:  Rate       mL/hr | **Avail** | **Route** | *Beta-blocker* |  |  | Midazolam (Versed) 1 mg/mL |
|  |  |  |  | Esmolol 10 mg/mL | **Avail** | **Route** | **Intubation Induction** |
|  |  | IVF:  Rate       mL/hr |  |  | Labetalol 5 mg/mL |  |  | Etomidate 2 mg/mL |
|  |  |  |  | Metoprolol 1 mg/mL |  |  | Ketamine 50 mg/mL |
|  |  | IVF  Rate       mL/hr |  |  | Propranolol 1 mg/mL |  |  | Midazolam 1 mg/mL |
|  |  | **Avail** | **Route** | *ACE Inhibitor* |  |  | Pentobarbital 25 mg/mL |
|  |  | CADD:  Rate       mL/hr |  |  | Captopril |  |  | Propofol 10 mg/mL |
|  |  |  |  | Enalaprilat |  |  | Thiopental 25 mg/mL |
|  |  | Level One Infuser & tubing |  |  | Lisinopril |  |  | Other: |
| **Avail** | **Units** | Blood products: | **Avail** | **Route** | *Calcium channel blocker* | **Avail** | **Route** | **Paralytic** |
|  |  | Red Blood Cells: |  |  | Diltiazem 5 mg/mL |  |  | Atracurium 10 mg/mL |
|  |  | Fresh Frozen Plasma |  |  | Nicardipine |  |  | Cisatracurium 2 mg/mL |
|  |  | Platelets |  |  | Nifedipine |  |  | Pancuronium 1 mg/mL |
|  |  | Cryoprecipitate |  |  | Nimodipine |  |  | Rocuronium 10 mg/mL |
|  |  | Other: |  |  | Verapamil 2.5 mg/mL |  |  | Succinylcholine 20 mg/mL |
|  |  | MTP Cooler | **Avail** | **Route** | **Anti-emetic** |  |  | Vecuronium 1 mg/mL |
| **Avail** | **Route** | **Reversal Agents** |  |  | Droperidol 2.5 mg/mL |  |  | Other\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  |  | Edrophonium 10 mg/mL |  |  | Prochlorperazine (Compazine) | **Avail** | **Route** | *Anti-hypertensive* |
|  |  | Flumazenil 0.1 mg/mL |  |  | Ondansetron (Zofran) |  |  | Nitroglycerin\* |
|  |  | Glycopyrrolate | **Avail** | **Route** | Proton Pump Inhibitor |  |  | Nitroprusside |
|  |  | Naloxone (Narcan) 1 mg/mL |  |  | Protonix (Pantoprazole) |  |  |  |
|  |  | Neostigmine 1 mg/mL |  |  |  |  |  |  |
| **Avail** | **Route** | **Miscellaneous** | **Avail** | **Route** | *Inotrope/Pressor* | **Avail** | **Route** | Medication Props |
|  |  | Albuterol |  |  | Ephedrine |  |  | Pill bottle |
|  |  | Aspirin (ASA) |  |  | Epinephrine\* |  |  | Insulin Pens |
|  |  | Bendaryl (Diphenhydramine) |  |  | Isoproterenol |  |  | Patient Glucometer |
|  |  | Calcium chloride 10 mg/mL\* |  |  | Norepinephine |  |  | Epi Pen  Tall skinny pen/Small box pen |
|  |  | Calcium gluconate\* |  |  | Phenylephrine |  |  |
|  |  | Digibind |  |  | Dopamine |  |  |  |
|  |  | D50\* |  |  | Dobutamine |  |  |  |
|  |  | D25 | **Avail** | **Route** | Antibiotics | **Avail** | **Route** | OB Specific |
|  |  | D10 |  |  | Amoxicillin |  |  | Cytotec (Misoprosto) |
|  |  | DuoNeb |  |  | Ampicillin |  |  | Hemabate |
|  |  | Furosemide(Lasix) 10mg/mL |  |  | Ancef (Cefazolin) |  |  | Methergine (Methylergonovine) |
|  |  | Magnesium sulfate\* |  |  | Azithromycin (Zithromax) |  |  | Oxytocin (Pitocin) |
|  |  | Mannitol |  |  | Cefepime |  |  | Terbutaline |
|  |  | Na bicarbonate (Sodium Bicarb)  1 mEq/mL\* |  |  | Ceftriaxone (Rocephin) |  |  |  |
|  |  | Racemic Epi Neb |  |  | Cimetidine | **Avail** |  | \*Insulin: |
|  |  | Solu-Cortef (Solumedrol) 125 mg/mL |  |  | Ciprofloxacin |  |  | Regular Insulin |
|  |  | Tamiflu |  |  | Clindamycin |  |  | Lantus |
|  |  | Zantac (Ranitidine) |  |  | Doxycycline |  |  | Novolog (Aspart) |
|  |  | Glucagon/Glucose\* |  |  | Imipenum |  |  | 70/30 |
|  |  | tPA (Alteplase) |  |  | Levetiracetam |  |  | Lispro (Humalog) |
|  |  |  |  |  | Levofloxacin |  |  |  |
|  |  |  |  |  | Vancomycin |  |  |  |
|  |  |  |  |  | Zosyn |  |  |  |
|  |  |  |  |  | Other: |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |