**Scenario – Hypovolemic Shock**

35 year old on route to hospital from the Cami Plant via ORNGE. Pt. was involved in an accident at the plant. There was an explosion at the plant. Pt. was thrown back with the force of the accident. Pt. on the way and is secured to a backboard and in a rigid cervical collar. Pt. is receiving oxygen via NRB mask. ORGNE states that the patient’s lower leg was amputated as a result of the explosion. Dressing in place and controlling the bleeding. HR 122, BP 96/64, Sats 100%

*What do you want to do to prepare the room?*

Patient brought into room

Pt. moaning and responding minimally.

Vital signs (First set upon arrival) – HR 124, BP 88/62, Sats 94% on NRB.

\*\*\*As blood is infused, the HR will go down slowly and the BP will come up slowly\*\*\*

**Equipment needs:**

Two BP cuffs (one will be used as a tournequet

Bilateral IV's

4 Bags of fake blood

Foley available (They need to insert it)

Dressings for the leg. Just some gauze

**Observer 1 Checklist: Hypovolemic Shock**

Learning Objectives:

1. Complete ABCD assessment
2. Recognize risk of hypovolemia and call for blood ahead of time
3. Demonstrate clinical reasoning skills: prioritization, fluid resuscitation, immediate administration of IV antibiotics
4. Utilizes available resources appropriately

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Y** | **N** | **Comments** |
| Hand hygiene completed |  |  |  |
| Assessment done immediately; monitor applied |  |  |  |
| CN and MD notified immediately |  |  |  |
| 2 IV’s inserted (large bore) with NS infusing |  |  |  |
| Apply tourniquet |  |  |  |
| Blood started with pressure bag. Team expressed wish to transfuse whole blood products and start the Trauma Transfusion Protocol. |  |  |  |
| Pt’s vital signs reassessed q2-3 minutes |  |  |  |
| Need to foley discussed as a measure of end organ perfusion. |  |  |  |

**Observer 2: Team Communication & Documentation Checklist**

Teamwork objectives:

1. Demonstrate clear, specific and timely communication with other team members and family members.
2. Demonstrate appropriate and timely use of resources

|  |  |  |  |
| --- | --- | --- | --- |
| **Team Members** | **Y** | **N** | **Comments** |
| Are concise, clear and specific in communication |  |  |  |
| Seek information from all available resources |  |  |  |
| Activated appropriate personnel in timely and acceptable manner reporting key inclusions (Situation, Background, Assessment and Recommendations) |  |  |  |
| Communicated with family regularly |  |  |  |
| Did team members document all critical information? |  |  |  |
|  |  |  |  |

**Observer 3: Team dynamics**

1. List examples of effective communication you observed during this scenario (including closed loop communication).
2. Have you observed times in which communication was unclear and you did not observe closed-loop communication? If so, provide examples and explained how the closed loop communication would have improved the scenario.
3. Were appropriate resources utilized well and in a timely fashion?

Give examples.

**Observer 4: Assessment Observations of RN 1**

1. Were key assessment and interventions organized and prioritized appropriately?
2. Describe collaboration efforts of RN 1 with RN 2.
3. Describe the interactions with family member/significant other.
4. Describe the interactions with physician.