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| Policy Title: | Trauma Alert and Code Response During Pandemic | | |
| Last Review Date: |  | Date of Origin: | March 30, 2020 |
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Policy:

Department of Trauma is committed to providing optimal care of the injured patient while using resources wisely.

Purpose:

To define the numbers and types of personnel who respond to trauma alerts and codes during a pandemic in an effort to decrease potential staff/patient exposure and conserve *Personal Protective Equipment (PPE)* by utilizing resources appropriately.

Scope:

All staff who respond to trauma alert and/or code activations.

Definitions:

For the purpose of this policy, the following definitions apply:

*PPE*: Any personal protective equipment used to diminish risk for exposure to contact, droplet, or airborne pathogens. For specific *PPE* use policy, see [Infection Prevention Homepage](http://intranet/sites/InfectionPrevention/Pages/Home.aspx).

*Pandemic*: The worldwide spread of a new disease.

*Purposeful donning/doffing*: Deliberate and focused donning/doffing of gown, mask, face shield, etc. in a step-wise fashion per [Infection Prevention guidelines](http://intranet/sites/InfectionPrevention/EmergingPathogens/Pages/2019NovelCoronavirusGuidance.aspx).

*Airway needs*: provide supplemental oxygen in terms of nasal cannula, simple face mask, non-rebreather mask, initiation of advanced airway as needed.

Procedures:

1. Response to Trauma Alert Activation (Appendix A)
   1. Team members entering with full *PPE* on activation/arrival (*purposeful donning* of *PPE* must be completed **prior** to entry):
      1. Emergency Resident (EMR) 3- Leader
      2. EMR 2- All *airways needs*
      3. EMR/Trauma Resident- Surveyor
      4. Procedure Nurse
      5. Documentation Nurse
   2. Team members in supervisory positions standing behind the red line and outside 6-10 ft. range providing direct oversight without donning *PPE*; may enter the room if necessary, as determined by the EM/Trauma Attending physician, **after** *purposeful donning* of appropriate *PPE*:
      1. Emergency Medicine Attending Physician
      2. Trauma Attending Physician
      3. Trauma Chief Resident
   3. Team members remaining outside the room (without donning *PPE*) to assist if needed as determined by the EM/Trauma Attending physician, **after** *purposeful donning* of appropriate *PPE*:
      1. Respiratory therapist
      2. Additional ED Nurse (runner or procedure)
      3. Pharmacy provider
      4. Radiology technician
      5. Pediatric Support Person
      6. OB Nurse/Provider (OB Trauma Alert)
      7. Other Clinical Personnel
   4. Team members not supported in entering the room during these times:
      1. Students of any discipline
      2. Family Support Personnel
      3. Visitors
   5. For Pediatric Trauma Alerts, the pediatric assigned nurse should be the procedure nurse whenever possible.
2. Response to Trauma Code Activations (Appendix B)
   1. Team members entering with full *PPE* on activation/arrival (*purposeful donning* of appropriate *PPE* must be completed **prior** to entry):
      1. Trauma Team Leader- Trauma Chief Resident or Fellow
      2. EMR 3- Airway
      3. EMR 2/Trauma Resident- Surveyor
      4. Trauma service resident or EMR 2
      5. Documentation Nurse
      6. Procedure Nurse
      7. Respiratory Therapist
   2. Team members in supervisory positions standing behind the red line and outside 6-10 ft. range providing direct oversight without donning *PPE*; may enter the room if necessary, as determined by the EM/Trauma Attending physician, **after** *purposeful donning* of appropriate *PPE*:
      1. Emergency Medicine Attending Physician
      2. Trauma Attending Physician
   3. Team members remaining outside the room (without donning *PPE*) to assist if needed as determined by the EM/Trauma Attending physician, **after** *purposeful donning* of appropriate *PPE*:
      1. Anesthesia Responder (Anesthetist or CRNA)
      2. Additional ED Nurse (runner or procedure)
      3. Pharmacy provider
      4. Radiology technician
      5. Pediatric Support Person
      6. OB Nurse/Provider (OB Trauma Code)
      7. Other Clinical Personnel
   4. Team members not supported in entering the room during these times:
      1. Students of any discipline
      2. Family Support Personnel
      3. Visitors
   5. For Pediatric Trauma Codes, the pediatric assigned nurse should be the procedure nurse whenever possible.
3. A Forensic Nurse Examiner (FNE) will *purposefully don* *PPE* and enter the room for all activations where it is clear that there has been an assault, gunshot wound (GSW), stabbing, or sexual assault. For all undefined/unknown cases, they will remain behind the red line until cleared to enter by EM/Trauma Attending or Documentation Nurse **after** *purposefully donning PPE*.
4. Personnel who are deemed unnecessary for activation by EM Attending/Trauma Attending physician should be dismissed as soon as possible so that they may respond to other clinical duties.
5. Before leaving the patient room, *PPE* should be *purposefully doffed* and discarded/cleaned and stored in alignment with procedures on [Infection Prevention Homepage](http://intranet/sites/InfectionPrevention/Pages/Home.aspx).
6. Inappropriate responses to trauma activations should be reported to Trauma Medical Director and Trauma Program Manager for follow up.
   1. RL reporting should occur according to ChristianaCare policy.

rESPONSIBILITIES:

1. Responsible for limiting personnel in activations in real time:
   1. EM/Trauma Attending Physician
   2. Trauma Team Leader
   3. Documentation Nurse
2. Responsible for follow up on inappropriate response to trauma activations:
   1. Trauma Medical Director
   2. Trauma Program Manager

References:

[World Health Organization](https://www.who.int/csr/disease/swineflu/frequently_asked_questions/pandemic/en/) (WHO)

[ChristianaCare Infection Prevention Homepage](http://intranet/sites/InfectionPrevention/Pages/Home.aspx)

[Centers for Disease Control](https://www.cdc.gov/) (CDC)

Appendix A: Trauma Alert Response



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| Team Members | Positions |
| Trauma Team Leader- EMR 3 | 1 |
| EM Attending | 1A |
| EMR Resident 2- Airway | 2 |
| Trauma Resident- Surveyor | 3 |
| Procedure Nurse | 4 |
| Documentation Nurse | 5 |
| All other providers as outlined above, should be outside the room and available to purposefully don PPE if deemed necessary by the ED/Trauma Attending. | |

Appendix B: Trauma Code Response



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| Team Members | Positions | Team Members | Positions |
| Trauma Team Leader- Chief Resident or Fellow | 1 | Trauma Service Resident or EMR 2 | 4 |
| Trauma Attending | 1A | Documentation Nurse | 5 |
| EMR Resident 3- Airway | 2 | Procedure Nurse | 6 |
| EMR Attending | 2A | Respiratory Therapist | 7 |
| Trauma Resident- Surveyor | 3 | Trauma Service Resident or EMR 2 | 8 |
| All other providers as outlined above, should be outside the room and available to purposefully don PPE if deemed necessary by the ED/Trauma Attending. | | | |