PROCEDURE TITLE: Personal Protective Equipment in the SCDU

APPLICABLE FACILITIES: (check all that apply)
- EUH
- EUOSH
- EWWH
- EUHM
- EJCH
- ESJH
- TEC
- ESA
- ERH

EFFECTIVE DATE:  ORIGINATION DATE:

SCOPE: The SCDU follows a defined set of protocols for Staff working within the Unit. Because the SCDU must be prepared for a wide range of infectious agents, plans exist to respond as appropriate based on the agent and clinical presentation of the patient. Consideration must be given to appropriate safe transport into and out the Unit, as well as the safe delivery of care for patients while in the Unit.

PURPOSE: To establish procedures for donning and doffing Personal Protective Equipment (PPE) in a safe manner, in order to prevent the spread of serious communicable diseases.

PROCEDURE:

There are general requirements for PPE that are dependent with the type of pathogen. It is important to recognize these general requirements to help ensure the selection and maintenance of optimal protection.

For consideration with Coronaviruses and Novel Influenzas:

<table>
<thead>
<tr>
<th>Staff outside patient room (nurse station/resource nurse)</th>
<th>Staff assisting with waste management (SCDU Only)</th>
<th>EVS staff managing waste</th>
<th>Anteroom staff/Buddy</th>
<th>Patient room staff (RN/MD)</th>
<th>EVD Diagnostic Lab Staff (SCDU Only)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asymptomatic, exposed to pathogen (Symptoms: fever, chills, body aches, cough, dyspnea)</td>
<td>Standard precautions</td>
<td>• Impervious gown or coverall</td>
<td>• Impervious gown or coverall</td>
<td>• PAPR</td>
<td>• PAPR</td>
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<tr>
<td></td>
<td></td>
<td>• Booties</td>
<td>• Booties</td>
<td>• Coverall Apron</td>
<td>• Coverall Apron</td>
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<tr>
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<td></td>
<td>• N95 mask</td>
<td>• N95 mask</td>
<td>• Apron</td>
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<td></td>
<td></td>
<td>• Face shield</td>
<td>• Face shield</td>
<td>• Double gloves</td>
<td>• Double gloves</td>
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<td></td>
<td></td>
<td>• Double gloves</td>
<td></td>
<td>• Booties</td>
<td>• Booties</td>
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</tbody>
</table>

PPE:
- • Impervious gown or coverall
- • Booties
- • N95 mask
- • Face shield
- • Double gloves
- • PAPR
- • Coverall Apron
- • Apron
- • Double gloves
- • Booties
| Symptomatic, exposed to pathogen | Standard precautions | • Impervious gown or coverall | • N95 mask | • Face shield | • Double gloves | • Impervious gown or coverall | • N95 mask | • Face shield | • Double gloves | • PAPR | • Coverall | • Apron | • Double gloves | • Booties |
| Symptomatic, confirmed | Standard precautions | • Impervious gown or coverall | • Booties | • N95 mask | • Face shield | • Double gloves | • Impervious gown or coverall | • Booties | • N95 mask | • Face shield | • Double gloves | • PAPR | • Coverall | • Apron | • Double gloves | • Booties | • PAPR | • Coverall | • Apron | • Double gloves | • Booties | • PAPR | • Coverall | • Apron | • Double gloves | • Booties | • PAPR | • Coverall | • Apron | • Double gloves | • Booties |
| De-escalation when no longer contagious—to be determined | Standard precautions, Standard precautions, Standard precautions, Standard precautions, Standard precautions | • Impervious gown or coverall | • Booties | • N95 mask | • Face shield | • Double gloves | • Impervious gown or coverall | • Booties | • N95 mask | • Face shield | • Double gloves | • PAPR | • Coverall | • Apron | • Double gloves | • Booties | • PAPR | • Coverall | • Apron | • Double gloves | • Booties | • PAPR | • Coverall | • Apron | • Double gloves | • Booties | • PAPR | • Coverall | • Apron | • Double gloves | • Booties |

For consideration with Smallpox:

| Asymptomatic, exposed to Smallpox | Standard precautions | • Impervious gown or coverall | • Booties | • N95 mask | • Face shield | • Double gloves | • Impervious gown or coverall | • Booties | • N95 mask | • Face shield | • Double gloves | • PAPR | • Coverall | • Apron | • Double gloves | • Booties |
| Symptomatic, exposed to Smallpox | Standard precautions | • Impervious gown or coverall | • Booties | • N95 mask | • Face shield | • Double gloves | • Impervious gown or coverall | • Booties | • N95 mask | • Face shield | • Double gloves | • PAPR | • Coverall | • Apron | • Double gloves | • Booties | • PAPR | • Coverall | • Apron | • Double gloves | • Booties | • PAPR | • Coverall | • Apron | • Double gloves | • Booties | • PAPR | • Coverall | • Apron | • Double gloves | • Booties |

(Symptoms: fever, body aches, nausea, vomiting, sore throat, rash starting in mouth)

Staff outside patient room (nurse station/resource nurse) Should be vaccinated

Staff assisting with waste management (SCDU Only) Should be vaccinated

EVS staff managing waste Should be vaccinated

Anteroom staff/Buddy Should be vaccinated

Patient room staff (RN/MD) Should be vaccinated

EVD Diagnostic Lab Staff (SCDU Only) Should be vaccinated
### Symptomatic, confirmed Smallpox

- **All scabs have fallen off (typically 3 weeks)**

- **For consideration with Viral Hemorrhagic Fevers:**

<table>
<thead>
<tr>
<th>Staff outside patient room (nurse station/resource nurse)</th>
<th>Staff assisting with waste management (SCDU Only)</th>
<th>EVS staff managing waste</th>
<th>Anteroom staff/Buddy</th>
<th>Patient room staff (RN/MD/NT/Phlebotomist)</th>
<th>EVD Diagnostic Lab Staff (SCDU Only)</th>
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</thead>
<tbody>
<tr>
<td><strong>Suspected— asymptomatic</strong></td>
<td>Standard precautions</td>
<td>Standard precautions</td>
<td>Standard precautions</td>
<td>Standard precautions</td>
<td>Stone precautions</td>
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<tr>
<td><strong>Suspected—symptomatic (SCDU staff will handle the waste stream and room decontamination)</strong></td>
<td>Standard precautions</td>
<td>Standard precautions</td>
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<tr>
<td><strong>Positive— asymptomatic (SCDU staff will handle the waste stream and room decontamination)</strong></td>
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<td>Stone precautions</td>
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**Symptomatic, confirmed Smallpox**

- Impact gown or coverall
- Booties
- N95 mask
- Face shield
- Double gloves

**All scabs have fallen off (typically 3 weeks)**

- Standard precautions

**For consideration with Viral Hemorrhagic Fevers:**

- Staff outside patient room (nurse station/resource nurse)
- Staff assisting with waste management (SCDU Only)
- EVS staff managing waste
- Anteroom staff/Buddy
- Patient room staff (RN/MD/NT/Phlebotomist)
- EVD Diagnostic Lab Staff (SCDU Only)
### Donning and Doffing PAPR-Level PPE in the SCDU

#### Entering the SCDU
1. Complete Check-in Form (temperature).
2. Sign in outside anteroom.
3. Check gauges.
4. Check signs.
5. Enter anteroom.

#### Donning SCDU PPE for Anteroom (not immediately entering patient room)
1. Enter locker room.
2. Remove jewelry (preferably leave jewelry at home).
3. Remove clothing and shoes and place in locker.
4. Don disposable scrubs, socks and shoes dedicated to unit.
5. Enter anteroom.
6. Don belt and battery.
7. Check motor.
10. Don inner gloves and tape to biohazard coverall.
11. Don outer gloves.
12. Don booties.
13. Sanitize gloves.

<table>
<thead>
<tr>
<th>Positive—asymptomatic (SCDU staff will handle the waste stream and room decontamination)</th>
<th>Standard precautions</th>
<th>not available</th>
<th>Surgical mask</th>
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**PROCEDURE/GUIDELINE TITLE**
Donning SCDU PPE for Patient Room
1. After entering anteroom:
2. Enter Locker Room.
3. Remove jewelry.
4. Remove clothing and shoes and place in locker.
5. Don disposable scrubs, socks and shoes dedicated to unit
6. Re-enter anteroom.
7. Don belt and battery.
8. Check motor.
10. Don biohazard coverall.
11. Don inner gloves and tape to biohazard.
12. Don outer gloves.
13. Don booties.
15. Plug in PAPR Hood, put on apron and PAPR Hood.
16. Zip up and tie up PAPR Hood and apron.
17. Check gauges and signs.
18. Enter patient’s room.

Doffing SCDU PPE for Patient Room
1. Ensure qualified individual is in place to monitor doffing protocol.
2. Remove apron.
3. Remove one bootie, then step onto chemical mat*; repeat with second bootie.
4. Sanitize gloves.
5. Remove outer gloves (beaking method).
6. Sanitize inner gloves.
7. Remove tape.
8. Sanitize inner gloves.
9. Remove biohazard coverall.
10. Sanitize inner gloves.
11. Enter anteroom (ante-room staff should be donned in face shield).
12. Remove PAPR Hood.
13. Sanitize inner gloves.
14. Remove inner gloves (beaking method).
15. Wash hands with soap and water.
16. Remove belt, battery and motor.
17. Enter locker room.
18. Remove and dispose of disposable scrubs and socks.
19. Shower for 5 minutes, shampooing hair.
20. Don clothes.
21. Enter anteroom.
22. Exit anteroom.

Donning and Doffing High-Level PPE in the SCDU
Donning High-Level PPE
1. Change into hospital scrubs.
2. Remove jewelry.
3. Enter clean corridor.
4. Don inner gloves.
5. Don impervious gown.
6. Don outer gloves.
7. Don booties.
8. Sanitize gloves.
9. Check gauges and signs.
10. Enter anteroom.
11. Sanitize gloves.
12. Don face shield.
13. Enter patient room.

High-Level PPE Doffing
1. Remove booties (stepping on mat*).
2. Sanitize gloves.
3. Remove outer gloves.
4. Sanitize gloves.
5. Remove gown.
7. Remove face shield.
8. Sanitize gloves.
9. Enter anteroom.
10. Remove gloves.
11. Wash hands thoroughly.
12. Enter clean corridor.
13. Change out of hospital scrubs

Opening Doors and Changing Gloves in the SCDU

Prior to Opening Any Door:
1. Sanitize gloves.

Changing Gloves:
1. Sanitize gloves.
2. Remove outer gloves (beaking method).
3. Sanitize inner gloves.
4. Don outer gloves.

RELATED DOCUMENT(S)/LINK(S):
DEFINITIONS: (If applicable)

REFERENCES AND SOURCES OF EVIDENCE:

KEY WORDS:

REVIEW/APPROVAL SUMMARY:
APPROVAL BODY/BODIES:

REVIEW/REVISION DATES: 02/09/18
APPROVAL DATE: