Nursing Professional Development

Testing Sites – Radnor & West Philadelphia
Clinical Practices of the University of Pennsylvania – Nurses & Medical Assistants

Shannon Wells MSN RN CEN

Last Updated: April 13th, 2020
Materials to Review Prior to Testing Site Arrival

▶ HUP COVID-19 PPE & Isolation Precautions Protocol
▶ HUP COVID-19 Specimen Collection Protocol (RN Only)
▶ NEJM Procedure: Collection of Nasopharyngeal Specimens with the COVID-19 Testing Technique (RN Only)
  • Note - Video is Only to Provide Guidance on Nasopharyngeal Swab Technique. We are currently swabbing both nares which is not documented in the video.
## Donning & Doffing PPE Review

For Updates Click Hyperlinked Title

### Applying (Donning) PPE

<table>
<thead>
<tr>
<th>Step</th>
<th>Task</th>
</tr>
</thead>
</table>
| 1    | Gather Supplies  
  - PAPR - or - mask (surgical or N95) & eye protection  
  - Yellow isolation gown  
  - 1 Pair Nitrile gloves |
| 2    | Remove Jacket, ID, Cell Phone |
| 3    | Perform Hand Hygiene |
| 4    | PAPR ONLY:  
  - Clip Battery to Waist (pocket, pants or belt)  
  - Plug PAPR Cord into Battery  
  - Confirm air flow and lights |
| 5    | Don Face Protection  
  - Surgical mask & eye protection,  
  - N95 mask & eye protection,  
  - PAPR (adjust ratchet to a snug fit) |
| 6    | Don Isolation Gown |
| 7    | Don Clean Gloves |

### Removing (Doffing) PPE

<table>
<thead>
<tr>
<th>Step</th>
<th>Task</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Sanitize Gloved Hands</td>
</tr>
</tbody>
</table>
| 2    | Remove Isolation Gown  
  - Roll into Ball  
  - Discard into Soiled Linen Bin |
| 3    | Remove Gloves and Perform Hand Hygiene |
| 4    | Exit Patient Room |
| 5    | Perform Hand Hygiene |
| 6    | Don Clean Gloves |
| 7    | Remove Eye Protection & Disinfect |
| 8    | Remove PAPR or Mask |
| 9    | Disinfect PAPR |
| 10   | Remove Gloves and Wash Hands |

PAPR Not in Use At Testing Sites – All Other Steps Apply

*Refer to IC & Patient Management Guidance for Covid - 19

Credit: Molly Moore & Dina Bammer HUP NPDS
COVID-19 Testing Site Overall Process

**Penn Medicine Provider Screen**
- Meets indications for testing
- (+) Screening Criteria
- Age ≥ 14 yo

**Order Placed by Provider**
- Place a Normal Order for SARS-COV-2 RNA, Qualitative Real-Time RT-PCR PX: Q39433
- Order varies by location

**Patient Registers**
- Patient calls central registration
- (267-414-2303)
- Receives instructions & directions

**Testing Site**
- Patient screened for criteria
- Order verified or entered
- COVID-19 Testing
- Patient receives instructions

**Results**
- Communicated by ordering provider or Call Center if (Non Penn Medicine Provider)
- Results within 3-5 days
- Auto released via MPM.

**Non Penn Medicine Provider Screen**
- Meets indications for testing
- (+) Screening Criteria
- Age ≥ 14 yo

**Order NOT Placed in EPIC**
- PCP does not have access to place order in EPIC
- Patient Instructed to Call Registration Number
Patient Throughput @ COVID-19 Testing Site

1. Patient Arrives
2. Testing Provider Screens
3. PSA Patient Check In
4. Lab Prep
5. COVID-19 Testing
Provider Screens (to Car with Medical Assistant)

- **Provider Role**
  - Patient instructed to keep car window up
  - Screens for COVID-19 Testing Criteria
  - Asks if Penn Employee

- **Medical Assistant Role**
  - Asks patient to place driver’s license up to car window
  - Completes Lab Requisition form (if not Penn employee)
    - Name
    - Current Address
    - Make & Color of Car

☆ Employee will need “Blue” Ticket – Occupational Medicine Form (instead of this form).
PSA Patient Check In

- Medical Assistant hands PSA lab requisition form or blue ticket
- PSA checks patient in
  - Additional address verification may need to occur if there is a discrepancy between patient reported & EPIC
- Prints Patient Labels
  - 2 Labels if SARS-CoV-2 Order in Epic
  - 3 Labels if Testing Site Provider needs to Order or Patient is Penn Employee (Blue Ticket)

Lab Prep

- Collects Patient Labels from PSA
- With RN
  - Name & Address checked & verified against Patient Label & Lab Requisition
- Labels Specimen Tube & Requisition placed in Bag
COVID-19 Testing

▶ RN & Medical Assistant to Car to Collect Nasopharyngeal Swab
▶ RN instructs patient to:
  • Place car in park
  • Remove foot from brake
  • Place head back against seat
▶ RN swabs according to protocol
  • HUP COVID-19 Specimen Collection Protocol
▶ Specimen handed to Medical Assistant, placed into specimen bag
▶ RN instructs patient
  • Results reported in 3 – 5 days
▶ RN & Medical Assistant place specimen in collection container
▶ Remove gloves & performs hand hygiene
Vital Signs Evaluation Tent (VET) @ Radnor
Prior to VET Arrival

- **Patient’s Provider**
  - Sends Telephone Encounter to COVID VET Scheduling Pool

- **VET PSA**
  - Calls Patient to Schedule VET time
    - May also schedule COVID-19 Testing at that same time if ordered/needed
  - Provides Instructions
  - Completes form(s)
    - White Form = Vital Sign Check Only
    - Blue Form = Lab Requisition if Needs COVID-19 Testing as well
Patient Throughput at Testing Site For Vital Signs Evaluation Tent (VET) @ Radnor

1. **Patient Arrives**
2. **Patient Identified**
3. **VET Tent – RN & MA**
4. **RN Follows VET Protocol**
5. **Documentation**
Patient Identified

- Medical Assistant takes White Form to Car
  - Verifies Information Documented by PSA
- Places Post-it on Windshield to Identify Patient Care
  - Yellow Post-it = Vitals only
  - Colored Post it = Vitals & COVID-19 Testing

VET Assessment Form

PSA Completes Prior to Patient Arrival.
VET Tent – RN & Medical Assistant to Car

- RN takes HR & pO₂ while patient seated in car
  - Medical Assistant Scribes
  - Refers to Protocol – if pO₂ ≥ 93% RN will check exertional pO₂
    - Patient steps out of car to complete 1 minute of continuous brisk walking

RN Follows VET Protocol

- Based on Protocol, Patient Instructed to:
  - Follow Up with PCP or
  - Refer to ED
Documentation

- Documents Telephone Encounter in EPIC
  - Smartphrase “.COVIDVET”
  - COVID-19 Screening & Care Coordination as Reason for Call
- Routes Telephone Encounter Back to Referring Physician