

**Long Term Care**

|   |    |
|---|----|
| Number of Regular Residents/Beds                  | 15 |
| Number of Residents/Beds under contact precaution | 1  |
| Shifts  | 3  |

| Shift         |                 | 1 Regular Resident<br># PPE per staff | 1 High-Risk Resident<br># PPE per staff | Daily RN<br>Usage | Daily LPN<br>Usage | Daily RCA<br>Usage | PPE Recommendation  |
|---------------|-----------------|---------------------------------------|---|-------------------|--------------------|--------------------|---|
| Morning shift | Procedure masks | 2                                     | 2                                       | 0.3               | 0.7                | 5.3                | 2 masks per shift for 1 staff member  |
|               | Gloves          | 3                                     | 3                                       | 15.0              | 15.0               | 48.0               | 3 pair of gloves per resident for RCA and 1 per resident for RN and LPN                           |
|               | Gowns           | 0                                     | 2                                       | 1.0               | 1.0                | 2.0                | 2 gown for every 1 high risk resident for RCA and 1 gown for every Resident on contact precaution |
|               | Wipes           | 2                                     | 2                                       | 32.0              | 32.0               | 32.0               | 2 per resident  |
|               | N95             | 0                                     | 0                                       |                   |                    | 0.0                | # will depend on nebulizer, BiPAP or CPAP use.  |
|               |                 |                                       |   |                   |                    |                    |   |
| Evening shift | Procedure masks | 2                                     | 2                                       | 0.3               | 0.7                | 4.0                | 2 masks per shift for 1 staff member  |
|               | Gloves          | 3                                     | 3                                       | 15.0              | 15.0               | 48.0               | 3 pair of gloves per resident for RCA and 1 per resident for RN and LPN                           |
|               | Gowns           | 0                                     | 2                                       | 1.0               | 1.0                | 2.0                | 2 gown for every 1 high risk resident for RCA and 1 gown for every Resident on contact precaution |
|               | Wipes           | 2                                     | 2                                       | 32.0              | 32.0               | 32.0               | 2 per resident  |
|               | N95             | 0                                     | 0                                       |                   |                    | 0.0                | # will depend on nebulizer, BiPAP or CPAP use.  |
|               |                 |                                       |   |                   |                    |                    |   |
| Night shift   | Procedure masks | 2                                     | 2                                       | 0.3               | 0.7                | 1.3                | 2 masks per shift for 1 staff member  |
|               | Gloves          | 2                                     | 2                                       | 15.0              | 15.0               | 32.0               | 3 pair of gloves per resident for RCA and 1 per resident for RN and LPN                           |
|               | Gowns           | 0                                     | 1                                       | 1.0               | 1.0                | 1.0                | 2 gown for every 1 high risk resident for RCA and 1 gown for every Resident on contact precaution |
|               | Wipes           | 2                                     | 2                                       | 32.0              | 32.0               | 32.0               | 2 per resident  |
|               | N95             | 0                                     | 0                                       |                   |                    | 0.0                | # will depend on nebulizer, BiPAP or CPAP use.  |
|               |                 |                                       |   |                   |                    |                    |   |

| Recommended PPE usage for this site: |                 |           |                 |     |
|--------------------------------------|-----------------|-----------|-----------------|-----|
| Per day                              |                 |           |                 |     |
| Procedure Masks                      | Pairs of Gloves | Gowns     | Wipes           | N95 |
| 13.7                                 | 218.0           | 11.0      | 288.0           | 0.0 |
| 0.2734666666666666                   |                 |           |                 |     |
| 67Boxes                              | 0.872 Boxes     | 1.1 Packs | 1.8 Containers  |     |
| Per week                             |                 |           |                 |     |
| Procedure Masks                      | Pairs of Gloves | Gowns     | Wipes           | N95 |
| 95.71333333                          | 1526            | 77        | 2016            | 0   |
| 1.9142666666666666                   |                 |           |                 |     |
| 7 Boxes                              | 6.104 Boxes     | 7.7 Packs | 12.6 Containers |     |

- Assumptions:
- Usage of PPE is not same for all shifts (morning, day, night)
  - Usage of PPE is the same on weekdays and weekends
  - # will depend on nebulizer, BiPAP or CPAP use.
  - Goggles/safety glasses/face shields are re-used so are not part of the daily/weekly restock
  - RCA to resident ratio 1:6 on days, 1:8 on evenings and 1:25 on nights
  - LPNs to resident ratio 1:25 on days and on evenings
  - RN to resident ratio 1:50