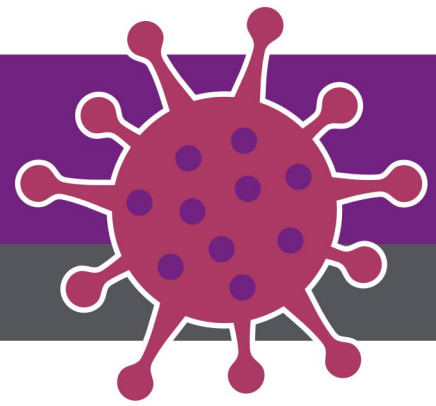


CORONAVIRUS DISEASE 2019 (COVID-19)



Decision Matrix; PPE for Healthcare Personnel



Audience: Colleagues, Clinicians & Infection Preventionists

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Version: Version #4

CDC updated recommendations to use Standard and appropriate transmission-based precautions when caring for person under investigation (PUI) and confirmed COVID-19. Therefore **Droplet + Contact precautions along with Eye Protection** are to be ordered and used when caring for PUI or those with confirmed COVID-19. SARS-CoV-2, the cause of COVID-19, is transmitted over short distance of up to 6 ft. from respiratory secretions that contain this virus when those with COVID-19 cough or sneeze. There are certain aerosol generating procedures listed below which likely release greater amount of respiratory secretions. Whenever possible personnel should wear a N95 respirator or PAPR during these procedures or whenever entering the isolation room for these AGPs if running continuously, e.g. high flow nasal cannula.

Patient Care or Procedure	Patient Placement	PPE	N95 Respirator or PAPR? plus additional comments
Direct patient care, e.g. inserting catheter, daily cleansing, emptying urinary drainage bag, oral care, phlebotomy	Any private room	<ul style="list-style-type: none"> Mask Eye protection gown gloves 	No
<u>AGPs (incl. but not limited to):</u> sputum induction, - strongly discouraged open suctioning of airways, tracheal intubation, bronchoscopy, non-invasive ventilation (BiPap) high flow nasal cannula tracheotomy, or cardiopulmonary resuscitation/code;	Airborne infection isolation room (AIIR), if available If not available – any private room	<ul style="list-style-type: none"> N95 respirator + eye protection or PAPR gown gloves 	Yes <u>Note:</u> high flow nasal cannula is typically run continuously based on clinical need. If high flow is on and running wear N95 and eye protection or PAPR whenever entering patient's room. Assure all clinicians and colleagues are aware

<ul style="list-style-type: none"> co-locate PPE near or in code cart nearest to patient, esp. N95 and eye protection, so readily available for code response team. Minimize number of personnel in the room during code to essential team members. 			when AGPs are performed so they are using appropriate PPE
Obtaining nasopharyngeal or oropharyngeal swab specimens for testing	AllIR, if available otherwise any private room	<ul style="list-style-type: none"> N95 respirator + eye protection or PAPR. If in a setting where N95 is not available wear mask and eye protection. gown gloves 	Yes
Nebulized medication administration <ul style="list-style-type: none"> Use MDI if available. If not use standard nebulizer treatment device and medication 	AllIR, if available otherwise any private room	<p>For nebulized med: N95 respirator + eye protection or PAPR. If in a setting where N95 is not available wear mask and eye protection.</p> <p>For MDI = mask, eye protection and:</p> <p>Gown gloves</p>	Yes Assure all clinicians and colleagues are aware when nebulized medication administration is in process so they are using appropriate PPE if needing to enter the room during this treatment.

AGP = aerosol generating procedure

MDI = metered dose inhaler

PAPR = powered air purifying respirator