

Aerosol Generating Procedure Prevention Measures During SARS-CoV-2

Scenario	N95 or higher level respirator	Routine AGP practices + source control <i>(surgical mask with fluid barrier protection preferred)</i>	AGP Signage	Room Turn Over	Cleaning & Disinfection	Other
Caring for a P/R/C who is on isolation or quarantine for SARS-CoV-2 regardless of community transmission status	Yes, HCW should wear N95 or higher respirator (gowns, gloves, eye protection still apply per transmission-based precautions) while in the space and during performance of and after completion until specified time has elapsed	/	Yes, while conducting the AGP keep door closed and place signage outside the space to notify AGP is ongoing & display what time the room is cleared for entry without the necessary PPE	Yes, should be “shut-down” prior to cleaning/disinfection and use by another patient based on the ACH of the room.	Yes, Clean and disinfect surfaces utilizing a disinfectant effective against SARS-CoV-2 after room shut-down	<i>Note: procedures that could generate infectious aerosoles should be performed cautiously and avoided if appropriate alternatives exist</i> •AGPs should take place in an airborne infection isolation room (AIIR), if possible. •The number of HCW present during the procedure should be limited to only those essential for P/R/C care and procedure support. •Visitors should not be present for the procedure.
Community Transmission: Substantial - High	Yes, HCW should minimally wear a N95 or higher level respirator while in the space & during performance of AND after completion UNTIL specified time has elapsed for ANY AGP performed	/	Yes, while conducting the AGP keep door closed and place signage outside the space to notify AGP is ongoing & display what time the room is cleared for entry without the necessary PPE (if the P/R/C is NOT on SARS-CoV-2 precautions).	Yes, should be “shut-down” prior to cleaning/disinfection and use by another patient based on the ACH of the room.	Yes, Clean and disinfect surfaces utilizing a disinfectant effective against SARS-CoV-2 after room shut-down	•AGPs should take place in an airborne infection isolation room (AIIR), if possible. •The number of HCPW present during the procedure should be limited to only those essential for P/R/C care and procedure support, if possible. •Visitors should not be present for the procedure, if possible
Community transmission is low-moderate AND Providing care to P/R/C who are NOT in isolation or quarantine for SARS-CoV-2 or other transmission-based precautions that would require higher level precautions	Not required	Yes, regardless of vaccination status. <i>Note: Federal CDC doesn't put any restrictions upon roommate status and AGPs. Noting, that there will be assuming of some risk in this situation.</i>	Not required	/	Follow routine cleaning & disinfection best practices	/

Definitions:

ACH: air exchanges/hour AGP: aerosol generating procedures
 HCW: healthcare worker P/R/C: patient, resident, or client
 PPE: personal protective equipment

References

<https://www.cdc.gov/coronavirus/2019-ncov/hcp/infection-control-recommendations.html>
<https://www.cdc.gov/coronavirus/2019-ncov/hcp/faq.html#Infection-Control>