

Aerosol Generating Procedure Prevention Measures During SARS-CoV-2

Scenario	N95 or higher level respirator	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 aerosols 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: High - Consider the following guidelines	Minimally consider having HCW wear a N95 or higher level respirator and eye protection while in the space & during performance of AND after completion UNTIL specified time has elapsed for ANY AGP performed 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.	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).	Should be “shut-down” prior to cleaning/disinfection and use by another patient based on the ACH of the room.	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-substantial 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	Routine AGP practices Source control <i>(surgical mask with fluid barrier protection preferred)</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>