



Personal Protective Clothing (PPC), Gloves, Head Covering, Shoes – Clinical Dental Health Care Providers (DHCP)

I. Personal Protective Clothing (PPC)

a. Types

- i. Gowns, uniforms, clinic coats, lab coats, scrubs
- ii. If available, gowns should be considered
- iii. If scrubs are to be worn or other clinical uniform, change from personal clothes to scrubs or clinical uniform upon entry and exit.

b. Purpose and Criteria

- i. Must prevent splashes, spray, and splatter of blood or saliva from passing through to the clothing, undergarments and skin beneath.
- ii. Fluid resistant, long-sleeved and closed at the neckline to meet criteria for outer protective clothing
 1. Gowns meet the criteria and should be considered
 2. Uniforms, clinic coats lab coats, and scrubs must also meet the criteria.
 - a. V-neck front design of coats or scrubs exposing unprotected skin is not acceptable as outer protective clothing.

c. Management

- i. Employer provides PPC
- ii. Employer launders all PPC as defined under *End of Day PPC Management*

d. Donning and Doffing/Placement and Removal

- i. Start of day routine
 1. Put on clean PPC that meets criteria over scrubs or other office uniform/attire before entering treatment room
- ii. Follow CDC guidelines
 1. Enter all treatment rooms with clean, properly placed PPC.
 2. If soiled, according to protocol listed in *Gowns, Lab Coats and Clinic Coats (GLC)* section under *End of Day PPC Management*. Soiled is defined as soiled with blood or suspected infectious materials.
 3. GLC change during the day for non-soiled during aerosol generating and non-aerosol generating appointments detailed in *GLC* section.
 4. At end of day, remove and follow protocols in *GLC* section for *End of Day PPC Management*.



II. Gowns, Lab Coats, Clinic Coats (GLC)

a. Reusable Protocols

i. Doctor and assistant protocol

1. Aerosol generating appointment
 - a. Doctor and assistant: put on clean GLC before entering treatment room.
 - b. Doctor and assistant: if soiled, properly remove before leaving room and follow *End of Day PPC Management Laundry Options*.
 - c. If not soiled, based on professional judgement, consider Suggested Disinfection GLC Protocol.
2. Non-aerosol generating appointments
 - a. Doctor and assistant: put on clean GLC before entering treatment room.
 - b. Doctor and assistant: if soiled, properly remove before leaving room and follow *End of Day PPC Management Laundry Options*.
 - c. If not soiled, use professional judgement for GLC change or consider *Suggested Disinfection GLC Protocol*.
3. Hygiene Exam Appointment if entering Hygiene Room:
 - a. Doctor: put on a clean GLC before hygiene exam. Dedicated GLC for hygiene exam recommended.
 - b. Assistant: if entering hygiene area for non-aerosol procedure, i.e. data collection only, between non-aerosol generating procedures, use professional judgement regarding GLC change.
 - c. If not soiled, consider *Suggested Disinfection GLC Protocol*.

ii. Hygienist Protocol

1. Aerosol generating appointments
 - a. Put on clean GLC before entering treatment room.
 - b. If soiled, properly remove before leaving treatment room and follow *End of Day PPC Management Laundry Options*.
 - c. If not soiled, based on professional judgement, consider *Suggested Disinfection GLC Protocol*.
2. Non-aerosol generating appointment
 - a. Put on clean GLC before entering treatment room.
 - b. If soiled, properly remove before leaving treatment room and follow *End of Day PPC Management Laundry Options*.



- c. If not soiled, based on professional judgement, consider *Suggested Disinfection GLC Protocol*.
- iii. Suggested Disinfection GLC Protocol
 1. Disinfect by thoroughly applying (spray, wipe, or fog) disinfectant on removed GLC. Leave GLC in room, allowing for adequate post-contact time disinfection.
 2. This protocol for GLC that is not soiled is more likely in a non-aerosol generating appointment.
 - iv. *End of Day PPC Management*
 1. Remove following CDC Guidelines
 2. Laundry Options
 - a. On-site laundry management: place PPC in employee dedicated bag with biohazard label; follow CDC guidelines for laundering.
 - b. Off-site using professional laundry service: place PPC in dedicated laundry service containers for pick-up and proper management.
 - v. Disposable Protocols
 1. *Doctor, Assistant and Hygienist Protocol*
 - a. Aerosol generating appointment
 - i. Put on new GLC before entering treatment room.
 - ii. Change per appointment or more often if soiled
 - iii. Properly remove before leaving room and discard
 - b. Non-aerosol generating appointments
 - i. Put on GLC before entering treatment room.
 - ii. Change per appointment or more often if soiled
 - iii. Properly remove before leaving treatment room and discard.
 2. *Hygiene Exam/Charting Appointment if Entering Hygiene Room*
 - a. Doctor: put on a clean GLC before hygiene exam.
 - b. Assistant: start day with new GLC. If job description is data collection only, use professional judgement for GLC change.
 - c. Doctor and assistant: Properly dispose after use.
 3. *End of Day PPC Management*
 - a. Dispose in a properly labelled [Biohazard] garbage container.



III. Gloves

- a. Begin with proper hand hygiene: thoroughly wash or use a $\geq 60\%$ alcohol-based hand sanitizer before glove placement and following removal of PPE.
- b. Change at least per patient or more often if gloves become damaged or heavily contaminated.
- c. Place to cover the cuff (wrist) of the GLC.
- d. Properly remove without contaminating hands per CDC guidelines
- e. Properly dispose after use.

IV. Head Covering

- a. Recommended
- b. Protects hair from aerosols and prevents transport of potentially infectious materials
- c. Reusable or disposable options available
 - i. Put on clean or new one each day
 - ii. Use professional judgement for changing during the day
 - iii. At end of day or if leaving office, properly remove and manage:
 1. Reusable: launder on-site or off-site
 2. Disposable: dispose in properly labeled [Biohazard] container

V. Shoes Coverings and Shoes

- a. Shoes
 - i. Dedicated work shoes (kept on-site) – Recommended
 - ii. Disinfection suggested: consider Suggested Disinfection GLC Protocol at end of day
- b. Shoe coverings
 - i. Suggested
 - ii. Change daily, more frequently per professional judgement
 - iii. Dispose in properly labeled [Biohazard] container



References

- Laundering on site, CDC guidelines: <https://www.cdc.gov/infectioncontrol/guidelines/environmental/background/laundry.html#g1>
- <https://www.cdc.gov/coronavirus/2019-ncov/hcp/dental-settings.html>
- <https://www.cdc.gov/infectioncontrol/guidelines/environmental/background/laundry.html#g1>
- <https://www.michigandental.org/Practice-Management/Regulations/OSHA-MIOSHA/Bloodborne-Pathogens>
- ADA Return to Work Toolkit: https://pages.ada.org/return-to-work-toolkit-american-dental-association?utm_campaign=covid-19-Return-to-Work-Toolkit&utm_source=cpsorg-alert-bar&utm_medium=cpsalertbar-virus&utm_content=covid-19-interim-return-to-work