

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