

CHECKLIST FOR SURGICAL PROCEDURES ON COVID-19 PATIENTS: OPERATING ROOM (OR) PREPARATION AND SEQUENCE FOR DONNING AND DOFFING THE STERILE SURGICAL PERSONAL PROTECTIVE EQUIPMENT (PPE)

OR AND PPE PREPARATION	DONE
1. Preparation of the anesthetic and surgical material that will foreseeably be necessary.	
2. Check that all non-essential items are out of the OR, including medication carts, gloves and surgical fields boxes...	
3. Check that you have the full PPE, whose elements for one person are:	
a. Goggles.	
b. Non-valved FFP2/FFP3 mask (depending on availability) for procedures with risk of aerosol generation. Otherwise, surgical mask.	
c. Disposable surgical cap.	
d. A pair of shoecovers.	
e. A pair of bootcovers for procedures with spilling risk.	
f. Sterile table including: sterile fluid-resistant gown, standard sterile surgical gown and two pairs of surgical gloves.	
g. Face shield (optional, according availability).	
4. OR runner or nurse in anteroom ready for providing any requested items.	
5. Clothes wet with 2% bleach dilution at the exits of the OR (fixed to the floor to prevent falls).	
6. Availability of a type III waste container (green container with red bag) to discard the PPE elements later, non-sterile gloves and alcoholic-based solution (ABS) at the exit of the OR.	

BEFORE DONNING THE SURGICAL PPE	DONE
1. Hydrate properly before surgery and go to toilet if necessary.	
2. Wear a disposable scrub suit.	
3. Remove identification card, accessories and jewelry (earrings, necklaces, rings, watches...).	
4. Empty all pocket contents.	
5. Tie your hair up, in case of having long hair, making a bun on the back of the head with an elastic band, avoiding hairpins or metal clips.	
6. In case of using glasses, secure them with paper plaster to the forehead.	

DONNING THE STERILE SURGICAL PPE	DONE
1. Perform hand washing with water and antiseptic skin cleanser.	
2. Put on a disposable cap.	
3. Put on shoecovers.	
4. Perform hand hygiene using alcohol-based solution (ABS).	
5. Put on bootcovers in case spilling is expected during the procedure.	
6. Put on the mask, secure one band over your ears and another below them. Fit nose bridge and perform a seal check (mask collapses on inspiration and does not leak air on expiration).	
7. Put on goggles over the nose bridge of the mask and fit them to your head with the elastic bands (<i>optional: spreading chlorhexidine soap solution on the inner part will provide anti-fog effect</i>).	
8. Place face shield (in case of availability).	
9. Perform surgical hand scrub with ABS or antiseptic soap.	
10. Put on the first pair of sterile surgical gloves.	
11. Put on the fluid-resistant gown, do not fasten it at the back.	
12. Put on the standard surgical gown, fasten the lateral tie only.	
13. Put on the second pair of sterile surgical gloves and extent to cover wrists of the gown.	

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DOFFING THE STERILE SURGICAL PPE	DONE
1. Prepare for doffing, checking the availability of a type III biological waste container to discard PPE elements, as well as ABS, non-sterile clean gloves and a cloth wet in a 2% bleach dilution at the exit of the OR.	
2. Remove the first pair of surgical gloves.	
3. Hand hygiene with ABS over the inner pair of gloves.	
4. Untie the lateral tie of the outer gown and remove both gowns together following the proper technique, rolling them with the exposed part inwards.	
5. Remove the inner pair of gloves + hand hygiene with ABS + put on non-sterile clean gloves.	
6. Remove bootcovers from the inner part.	
7. Remove shoecovers, stepping on the cloth wet with 2% bleach dilution afterwards.	
8. Remove gloves + handwashing with ABS + putting on clean non-sterile gloves.	
9. Remove face shield (if it had been used) from the back of the head, depositing it in a proper receptacle for its washing and subsequent disinfection (immersion for 5 minutes in 2% bleach dilution).	
10. Remove goggles from the back of the head, depositing it in a proper receptacle for its washing and subsequent disinfection (immersion for 5 minutes in 2% bleach dilution).	
11. Removal of the mask(s) from the back of the head without touching the front, along with the disposable surgical cap.	
12. Remove gloves + hand hygiene with ABS.	
13. Clean the ABS dispenser with a gauze wet with bleach.	
14. Shower as soon as possible.	