







# COVID-19 Hemodialysis Unit Preparedness Checklist

This checklist is based on the **Government of India Guidelines for Dialysis in COVID-19 pandemic** to help dialysis units prepare for possible arrival of patients with COVID-19.





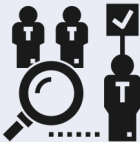



MOHFW guidelines <https://www.mohfw.gov.in/pdf/GuidelinesforDialysisofCovid19Patients.pdf>

Useful resources by CDC <https://www.cdc.gov/coronavirus/2019-ncov/hcp/dialysis.html>












## Before the arrival of the patient

Element to be assessed	Done (Y/N)	Remarks
 <p>Have you educated all dialysis staff about</p> <ul style="list-style-type: none"> <li>➤ Epidemiology, testing and triage of COVID19?</li> <li>➤ Use of PPEs including donning, doffing and proper disposal?</li> <li>➤ Cough etiquette, hand hygiene and universal precautions?</li> </ul>		
 <p>Is there enough stock of</p> <ul style="list-style-type: none"> <li>➤ Dialysate, dialyzers and tubings, catheters, fistula needles, heparin, disinfectants and medicines?</li> <li>➤ PPE &amp; hand sanitizers?</li> </ul>		
 <p>Is there enough staff, working in fixed shifts so as to ensure smooth functioning of the unit with minimal exposure to staff members?</p>		
 <p>Is there a signboard in vernacular language in dialysis unit and waiting area asking patients to report any fever, cough or breathing problem?</p>		
 <p>Are all patients instructed to inform the unit about any symptoms before coming to the dialysis unit so that they can be addressed separately in screening area?</p>		
 <p>Are all patients being reminded not to miss any dialysis session?</p>		



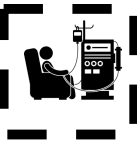
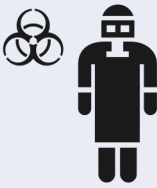


## The screening area

Element to be assessed	Done (Y/N)	Remarks
 <p>Is there a designated entry and exit for patients and staff?</p>		
 <p>Is there a dedicated area where patients can be screened before entering inside dialysis area?</p>		
 <p>Is there enough space in the screening area to maintain distance between individuals, and is it cleaned between sessions?</p>		
 <p>Is every patient wearing a mask as they enter the screening area?</p>		
 <p>In the screening area, are all the patients screened for</p> <ul style="list-style-type: none"> <li>➤ COVID-19 symptoms</li> <li>➤ Fever (thermal screening)</li> <li>➤ History of contact with a diagnosed COVID-19 patient</li> <li>➤ History of recent travel or contact with person who has travelled recently?</li> </ul>		
 <p>Does the screening area have display of adequate IEC material (posters etc.) about COVID – 19?</p>		
 <p>Are all patients washing hands with soap and water for at least 20 seconds, or sanitizing hands with 60% alcohol-based hand rub before entering the unit?</p>		
 <p>Are all patients signing an informed consent document with special reference to COVID-19?</p>		









# The dialysis area

Element to be assessed	Done (Y/N)	Remarks
 <p>Are all patients instructed to practice cough etiquette?</p>		
 <p>Are all patients instructed not to eat inside the dialysis area?</p>		
 <p>Is there an alcohol-based hand sanitizer near each dialysis bed/chair?</p>		
 <p>Is there plastic lined trash can for proper disposal of tissues etc. by the patients near each dialysis bed/chair?</p>		
 <p>Are all staff instructed to leave ALL personal belongings and change into hospital attire before entering dialysis room?</p>		
 <p>Are all staff, patients, attendants and caregivers wearing a three-layer surgical facemask inside the dialysis unit?</p>		
 <p>Are all dialysis staff following hand hygiene between patients?</p>		
 <p>Are all dialysis staff</p> <ul style="list-style-type: none"> <li>➤ Asked about new onset respiratory symptoms?</li> <li>➤ If present, are they asked to take paid leave?</li> <li>➤ Maintaining distancing in unit</li> </ul>		
   <p>Are the following equipment either used separately for each patient OR sanitized between the shifts?</p> <ul style="list-style-type: none"> <li>➤ Stethoscopes (diaphragms and tubing cleaned with an alcohol-based disinfectant)</li> <li>➤ Thermometers</li> <li>➤ Oxygen saturation probes</li> <li>➤ BP cuffs (NIBP cuffs can be cleaned by alcohol or 1% Sodium Hypochlorite)</li> </ul>		

## For positive or suspected patients

Element to be assessed	Done (Y/N)	Remarks
<p>Are all COVID-19 positive patients</p>  <ul style="list-style-type: none"> <li>➤ Dialysed in isolation?</li> </ul>  <ul style="list-style-type: none"> <li>➤ Staff caring for positive patients are not looking after other patients?</li> </ul>		
<p>Are all patients suspected to have COVID-19</p>  <ul style="list-style-type: none"> <li>➤ Dialysed in the last shift? <b>OR</b></li> <li>➤ Dialyzed on the far side of the room, separated from all other patients by at least 2 meters?</li> </ul>		
<p>Is it ensured that staff caring for suspected or positive patients wear all personal protective equipment (PPE) inclusive of -</p>  <ul style="list-style-type: none"> <li>➤ Shoe covers</li> <li>➤ Gown</li> <li>➤ Surgical cap or hood</li> <li>➤ Goggles or eye shields</li> <li>➤ Mask: N95 respirators with filters (*if unavailable - surgical triple layer masks)</li> <li>➤ Surgical gloves.</li> </ul>		
 <p>Are all staff members practicing correct method of donning and doffing PPEs?</p>		
 <p>Is there correct notification of positive patients to the relevant hospital and local authorities?</p>		

# Cleaning and Disinfection

Element to be assessed	Done (Y/N)	Remarks
 <p>Are dialysis machines and trash bins (linen/trash) disinfected and cleaned after each shift?</p>		
 <p>Are bed linen changed after each shift and stored in a dedicated container?</p>		
 <p>Is linen (cloth gowns, bed sheets) soaked in a 1% hypochlorite solution for 20 minutes and then taken for laundry after each use?</p>		
 <p>Are all frequently touched surfaces inside the dialysis unit, cleaned and disinfected after every shift? (for example: bedside tables, lockers, door knobs, light switches, counter tops, handles, desks, phones, keyboards, computers, toilets, faucets, &amp; sinks etc)</p>		
 <p>Is there a dedicated staff for cleaning the weighing machine grab bars and wheelchairs after each patient?</p>		
 <p>Is the disinfection being done by either 1% hypochlorite, 60% alcohol, or glutaraldehyde?</p>		
 <p>Is the staff wearing clean disposable gloves</p> <ul style="list-style-type: none"> <li>➤ During cleaning, which are discarded after each cleaning?</li> <li>➤ And when handling dirty laundry?</li> </ul>		
 <p>Is the portable RO disinfected* between use in different patients with* 1% hypochlorite (avoid on stainless steel parts), aerodesin, lysoformin or peracetic acid?</p>		