



What dialysis method and practices would best reduce the risk of COVID transmission to healthcare workers performing dialysis on COVID patients?

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KEY FINDINGS

Guidelines recommend strict adherence to standard infection prevention and control measures within dialysis centers to minimize the risk of exposure of patients and HCWs to COVID-19. The ASN recommends the use of CRRT for critically-ill patients with COVID-19 to minimize the risk of possible transmission, if this option is available.

- Currently, there are no studies comparing one dialysis modality to another in terms of reducing the risk of transmission of COVID-19 between patients and healthcare workers (HCW) or other patients. The method of dialysis is still primarily determined by the clinical picture of the patient, the expertise of the center, and the resources available.
- The ASN recommends CRRT over IHD for critically-ill patients with COVID-19 when it is available, and resources allow. Otherwise, IHD may be done provided that infection control measures are strictly followed.
- Guidelines (CDC, ASN, ISN, EUDIAL ERA-EDTA, CMS, Korean Society of Nephrology, Chinese Society of Nephrology, Taiwan Society of Nephrology, Philippine Society of Nephrology) recommend strict adherence to infection prevention and control measures (e.g. hand hygiene, social distancing, proper use of personal protective equipment (PPE), cohorting of patients), and minimizing unnecessary contact between HCWs and patients with COVID-19.

Declaration of Conflict of Interest

The authors of this rapid review have no conflicts of interest to declare.

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