The earlier MERS-COV screening for dialysis patients, it will help to reduce morbidity.

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Abstract

Statement of the Problem: MERS-COV is a viral respiratory disease caused by a coronavirus that was identified first in KSA in 2012. Infection is the second most common cause of death in dialysis patients, and this is because they were having routine trice weekly hemodialysis and exposed quickly to pathogens through needling, transfusion, and dialysis catheters. A treatment room is ideal for infection transmission. Dialysis patients were prone to severe infection because of decreased immune function. Coronaviruses could cause highly contagious pneumonic infections. Spread mainly through contact and respiratory droplet. Objectives: Provide a guideline on the infection control precautions for suspected MERS-COV cases to decrease the transmission of MERS-COV between hemodialysis patients & health care workers. So, implementing these measures it will prevent cross-infection. In addition, the identity trace for all health care workers those protected or unprotected exposure to patients confirmed with MERS-COV infection. Clinical Practice: the 34 Diaverum clinics in KSA at the screening area (Respiratory triage) have the interviewed 4335 patients and 1326 employee for assessing before entering to the hemodialysis unit by using a MERS-COV screening Form. Results: The average number of screening in 2019 is 624240 patients at Diaverum clinics in KSA. Also, 413712 employees are including. Until now, we have only 20 suspected cases but still not confirmed, but other cases are negative.

Conclusion & Significance: This study suggests that all patients and employees should be screen. So, we can detect any case of MERS-COV before entering the treatment area. In addition, they should perform standard clinical management of suspected MERS-COV patients. However, they need to educate patients with signs & symptoms of MERS-COV to detect it early and make an appropriate intervention.

Recent Publications

Not yet published.

Biography

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