

Submission No. : DNC2-0001

Session Title : Dialysis Nurse Course 2

Session Topic : -

Date & Time, Place : June 16 (Sun) / 10:30-12:00 / Room 2 (GBR 103)

Critical care for hemodialysis- unstable V/S management

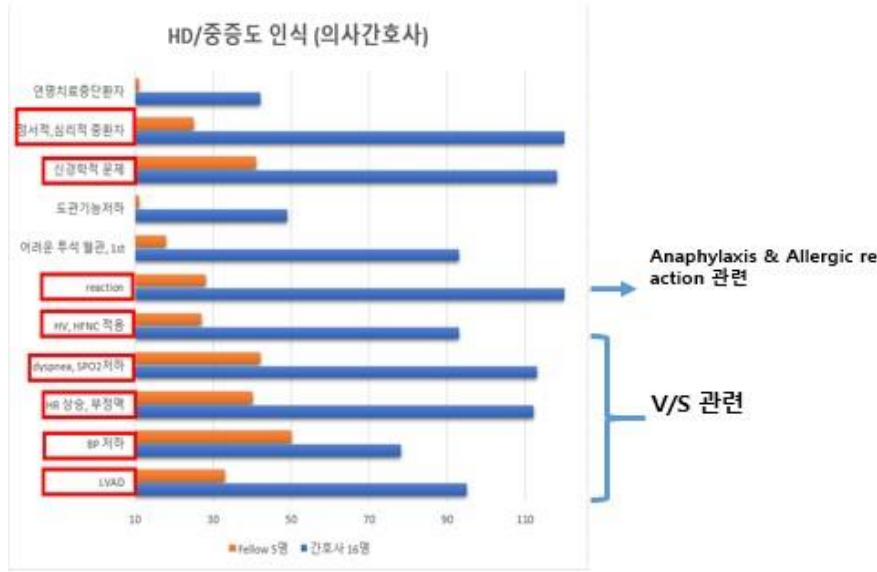
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During hemodialysis, vital signs fluctuate due to hemodynamic instability, and nursing needs are high accordingly. Every year, the number of hospitalizations and emergency room patients in hemodialysis rooms increases, and the proportion of high-risk patients who dialyzed while maintaining life support (LVAD, home vent, etc.) is increasing. Since 2020, as COVID-19 patients have been subjected to on-site dialysis in the intensive care unit and negative pressure ward, there is an increasing number of situations in which expertise is required in the role of dialysis nurses. In fact, the number of CPR during dialysis (7 cases/year, 2022) has also increased. In the opinion survey of dialysis room nurses and dialysis room doctors on pending issues (difficult problems, matters that need to be resolved immediately, etc.), the burden of dialysis intensive care and the demand for improved management were high, so we classified which patients and situations correspond to dialysis intensive care, and planned to produce key intervention guidelines accordingly. Guidelines(6 situations) for each hemodialysis situation were selected (low blood pressure before starting dialysis, low blood pressure during dialysis, hypertension during dialysis, tachycardia, bradycardia, and respiratory failure) and 2 allergic reaction The dialysis room part leader, five dialysis room nurses, five kidney internal medicine professors, and five predecessors reviewed and completed the guidelines for each situation based on the practical guidelines. By using the guidelines, it can be used as a standardized intervention provision and basis, and the patient's condition such as CPR was prevented early due to the patient's situation-specific application. In addition, after the application of the guidelines, the self-efficacy of nurses in the dialysis room for intensive care increased. It can be used as a basis for providing standardized medication to newly deployed nurses and dialysis room doctors as educational materials.

Keywords: critical care, hemodialysis, unstable V/S management, guideline

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