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| Topic | Frontier in Acute Dialysis |
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| <p>Acute kidney injury (AKI) is a common complication responsible for increased medical costs, prolonged hospital stays, and poor outcomes in hospital settings. Its incidence varies from 28% to 75% based on etiologies and is still increasing. Beyond the risk assessment, preventive strategies and biomarkers for early AKI detecting, e-alerting, and AKI care bundle improved the care quality. Post AKI care and the phenomenon that AKI transits to AKD/CKD were also important. Regarding renal replacement therapy and blood purification therapies for acute illness, there was some new evidence in recent years. During the last decade, extracorporeal blood purification has been developed for sepsis AKI injury management. These therapies could act on both the infectious agent itself and the host immune response. This talk will briefly review current blood purification concept and discusses the available literature assessing these therapies. In addition, CRRT was used to remove ammonia in children. However, this treatment was not widely employed in adult patients. Recently, large retrospective cohort shows it's benefit in cirrhotic patients. In this session, we will also discuss the current evidence of using dialysis to remove ammonia. Furthermore, current status of the liver-supporting system will also be reported. Lastly, we will discuss about the quality of RRT, which can be monitor by what indicator.</p> | |