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Team care Management for Acute Kidney Disease and Intellectual Technology Application

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Acute kidney injury (AKI) is a common comorbidity in a wide range of patients and affects more than 10-20% inpatients. AKI is associated with an increased risk for a decline in kidney function, progression to kidney failure with replacement therapy (KRT), increase in length of stay, and mortality. Electronic alerts (e-alert) with and without linking with clinical decision support (CDS) system has been widely developed through various informatics systems (e.g. text message, email, message in the electronic health care system or mobile phone) to facilitate diagnosis of AKI and earlier intervention. Alongside an accurate, timely AKI e-alert, multi-disciplinary collaborative care model is also recommended to facilitate identifying patients with AKI and prevention of AKI complications. However, the benefits of automated AKI e-alerts for hospital AKI on the processes of care and patient outcomes remains controversial in literatures. In the current course, We will share our experience of applying intellectual technology for AKI/AKD care and expect more health professionals participating in us in the future.

