

Using care bundles to reduce ventilator-associated pneumonia (VAP) and catheter-associated urinary tract infections (CAUTI)

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Ventilator-associated pneumonia (VAP) and catheter-associated urinary tract infections (CAUTI) are common healthcare-associated problems, especially for patients in high-risk units. The application of care bundles to reduce infection rate has successfully become an important measure in many countries. This presentation will discuss how and what were the results of the care bundle interventions in different levels of hospitals, including medical centers, regional hospitals and district hospitals, located at different areas of Taiwan. In high-risk units, such as adults ICUs, respiratory care centres, respiratory care wards were incorporated to implement care bundle interventions in order to reduce invasive catheter-associated infections, for which were built on evidence-based infection control measures. The feasibility for the implementation of VAP or CAUTI bundles in the healthcare system plays an important role for the quality and policy of infection control. The final outcome of this study will determine the quality of decisions and implementation of the care bundle policy.