## QLL22

## THE CATHETER RELATED BLOOD STREAM INFECTION (CRBSI) RATE REDUCTION IN INTENSIVE

INSTITUT JANTONG NEGAR

4. CHG TRANSPARENT DRESSING :

**ESSENTIAL PRACTICE** 

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## BACKGROUND

It is common for all ICU patients to require at least one type of Central Venous Catheter (CVC) per patient. This is because patients in ICU becoming increasingly complex, with multiple comorbidities requiring significant complex medical needs. However, CVCs are a major risk factor for CRBSI, the most common Healthcare Acquired Infection (HAI) which can lead to serious complications, including sepsis and death. Despite adopting to the existing Central Venous Line (CVL) bundle and other infection prevention & control measures, the prevalence of CRBSI was significantly on the rise in the year of 2020.

## OBJECTIVES

Reduce the prevalence of CRBSI in ICU by 20% in the early 2022 by implementing a 12-month comprehensive **CRBSI** reduction program and Central Line Maintenance Bundle (CLMB).





in CRBSI in ICU. These findings suggest that the program has been a effective way to prevent CRBSI in ICU. Further research is needed to replicate the findings in other settings and to identify the most effective components of the program.

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