

Components of CVC Care Bundle

**Daily Review of Line
Necessity with
Prompt Removal of
Unnecessary CVCs**

- Duration of catheterization has been suggested as an important risk factor in the development of CR-BSI in several studies

CC Tan, Y Zanariah, KI Lim et al. Central venous catheter-related blood stream infections: Incidence and analysis of risk factors. Med J Malaysia Dec 2007; 62(5):371-374

Pearson ML, Hierholzer WJ, Garner JS et al. Guideline for prevention of intra-vascular device-related infections. Am J Infect Control 1996 Aug; 24(4):262-293

Tacconelli E, Tumbarello M, Pittiruti M *et al.* Central venous catheter-related sepsis in a cohort of 366 hospitalised patients. Eur J Clin Microbiol Infect Dis 1997 Mar; 16(3):203-209

Arruda E, Marinho IS, Rodrigues E *et al.* Central venous catheter-related infections in intensive care units. Braz J Infect Dis 1997 Aug; 1(4) :182-185

- Any intravascular catheter that is no longer essential should be promptly removed
- The decision regarding the need of a catheter however is complex and therefore difficult to standardize into a practice guideline

How to do it?

- Include daily review of line necessity as part of multidisciplinary rounds
- Include assessment for removal of central lines as part of daily goal sheets