**Supplemental Figure Legends**

**Supplemental Figure 1:** Proportion of CRBSI failure (N=40 studies). CVAD: Central Vascular Access Devices ES: Effect Size CI: confidence intervals NTCVAD: Non-tunnelled central venous access device PICC: Peripherally inserted central catheter

**Supplement Figure 2:** Proportion of catheter removal due to suspected catheter infection (N=19 studies). ES: Effect Size CI: confidence intervals IR: incidence rate CVAD: central venous access device PICC: Peripherally inserted central catheter.