**Supplementary Materials**

**Search all Procedure notes for following terms:**

Non-tunneled CV Cath

Non-tunnel CV Cath

Acute hemodialysis catheter

Central venous triple lumen catheter

Central venous catheter

Central line

Sorenson

Trialysis

**Search all Emergency Department Provider notes for following terms:**

Central line AND sterile barriers

Central venous catheter AND sterile barriers