Clinical Issue
The initial evidence based research question was “When should sequential compression devices be started for best practice for (DVT/PE) protection?”

Outcomes
- Preparation and Planning
  - Literature review findings:
    - Start SCD 12-24 hours prior to surgery
    - 90% of patients admitted day of surgery
    - Earliest start of SCD would be pre-op
    - Contacted hospital Practice Council to review/validate
  - SCD procedure

Team
Perioperative Research Council membership:
- RNs inpatient/ambulatory surgery
- Educators
- Nurse scientist
- Representing all areas of perioperative care

Current Practice | New Practice
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SCD machine in each OR | Same
1st case SCD started in OR | Same
Disconnect machine prior to leaving OR | Machine travels with patient to recovery destination
To follow (T/F) cases SCD start in OR | T/F cases start in pre-op
PACU restart SCD | SDC operational on arrival in PACU

Implication for Perioperative Nursing
SCDs are part of the DVT/PE prevention protocol for surgical patients and nursing is responsible to apply, start and maintain operation while the patient travels through the perioperative region of care.