APPENDIX I: ROUTINE TWO STEP QUANTIFICATION OF BLOOD LOSS AT CESAREAN BIRTH

**Routine Two Step Quantification of Blood Loss at CS**

1. **Suctioned blood**
   a. Between delivery of infant and placenta;
      i. OB suction drape of amniotic fluid
      ii. Scrub staff directs Circulator to change suction tubing to second canister
      iii. May omit switch to new canister if minimal amniotic fluid (patient is post AROM/SROM, in labor)
   b. Circulator records volume in second canister in spreadsheet calculator/EPIC calculator
      i. Best to record before irrigation used OR
      ii. If irrigation used and suctioned, Scrub staff communicates amount to Circulator to be subtracted from canister (but may lead to error if not all irrigation re-aspirated)
      iii. Consider omitting irrigation use during routine cesarean section

2. **Lap sponges**
   a. During case, bloody lap sponges passed off scrub table by Scrub staff
   b. Circulator places in hanging lap sleeve bags (5 sponges/sleeve)
   c. Circulator weighs bloody sponges and lap sleeve bags all together near end of case (sponges left in sleeves)
   d. Total weight, # sponges weighed, # hanging sleeves weighed, entered in spreadsheet calculator/EPIC calculator

3. **Spreadsheet calculator/EPIC calculator calculates QBL from entered data**

Staff trained to account for other large sources of blood loss if indicated and add to QBL (examples: large amount expressed blood from uterus in emesis basin post op, large floor spill of blood, etc.)