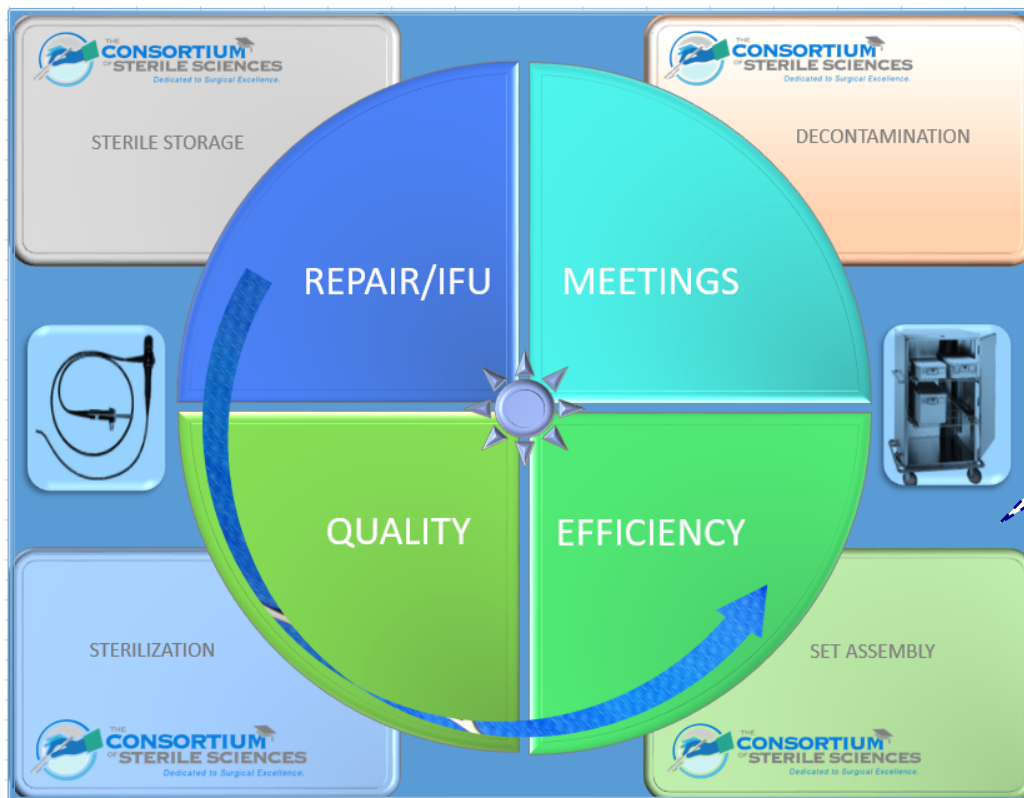# STERILE PROCESSING MATRIX

The sterile science matrix is a sterile science management tool, which enables sterile processing leaders to efficiently measure, monitor and manage their sterile processing departments with relative ease.

STERILE PROCESSING MATRIX (SPM)

Desktop appearance.

This image shall appear on the desktops of workstation computers as shown on the INSTRUMENT TRACKER. Users must login and logout to use the STERILE PROCESSING MATRIC.
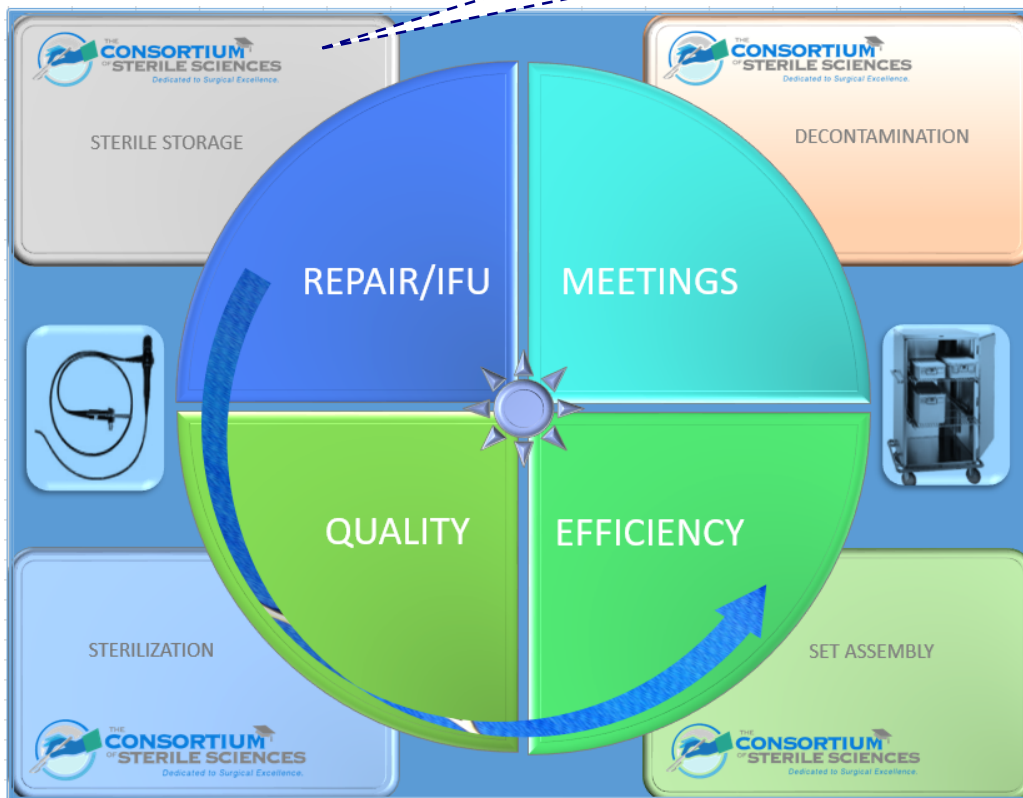
STERILE STORAGE

The sterile storage is a storage system for sterilized surgical instruments.

Sterile Storage.

User clicks on the sterile storage button to access the Sterile Storage. Refer to Excel document—
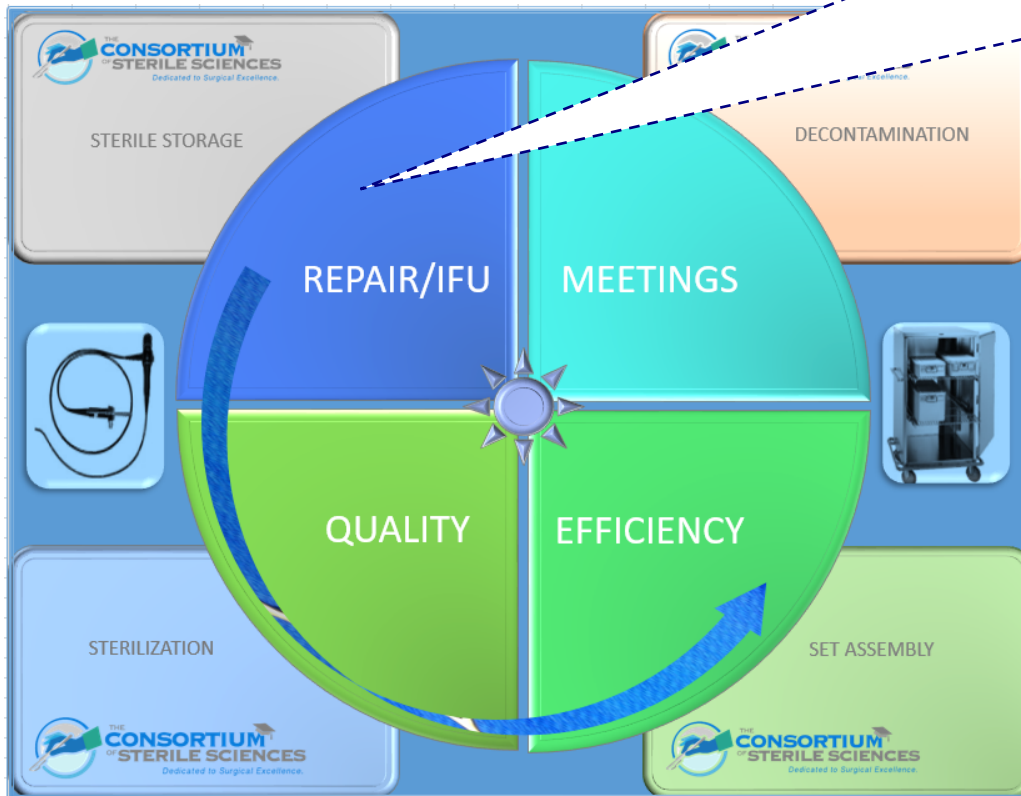**STERILE STORAGE.**

STERILE STORAGE

The sterile storage is a storage system for sterilized surgical instruments.

REPAIR/IFU.

User clicks Repair/IFU button to access Repair and manufacturer instructions for use. IFU is downloaded from manufacturer website or scanned here. Refer to Excel document— **STERILE STORAGE.**

MEETINGS

The sterile storage is a storage system for sterilized surgical instruments.

MEETING

User clicks meeting button to access scheduled meetings. Refer to Excel document— **Surgery Schedule.**
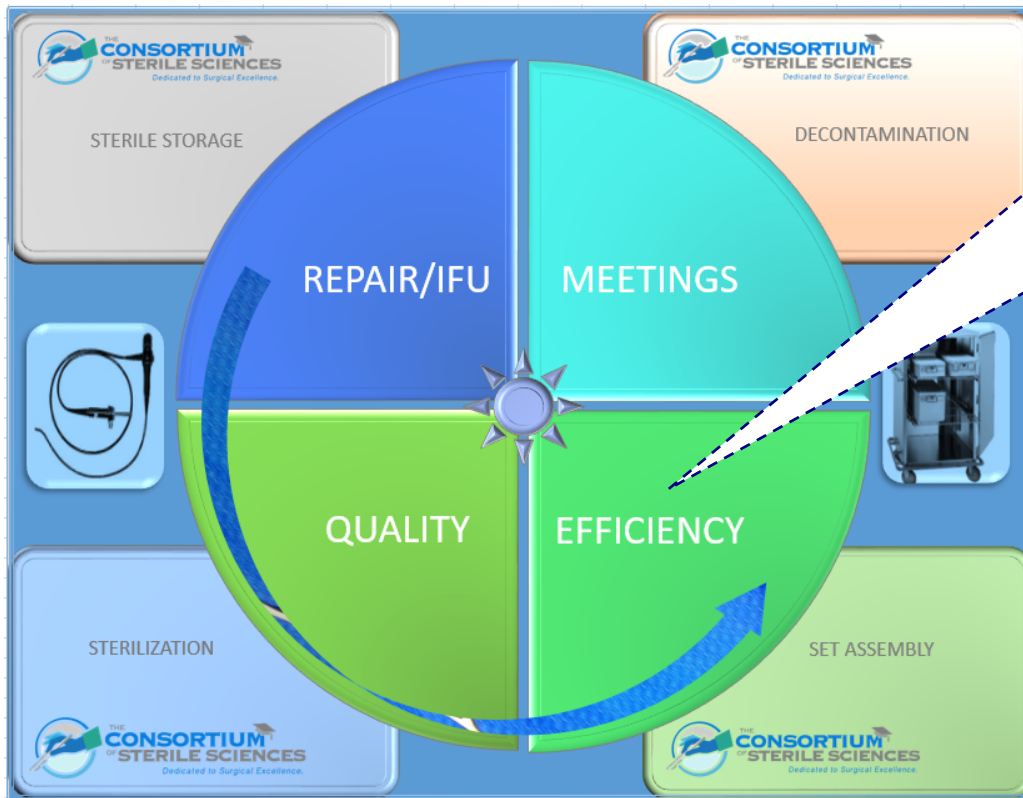
EFFICIENCY

Automatically calculates efficiency using the data entered into the STERILE PROCESSING MATRIX.
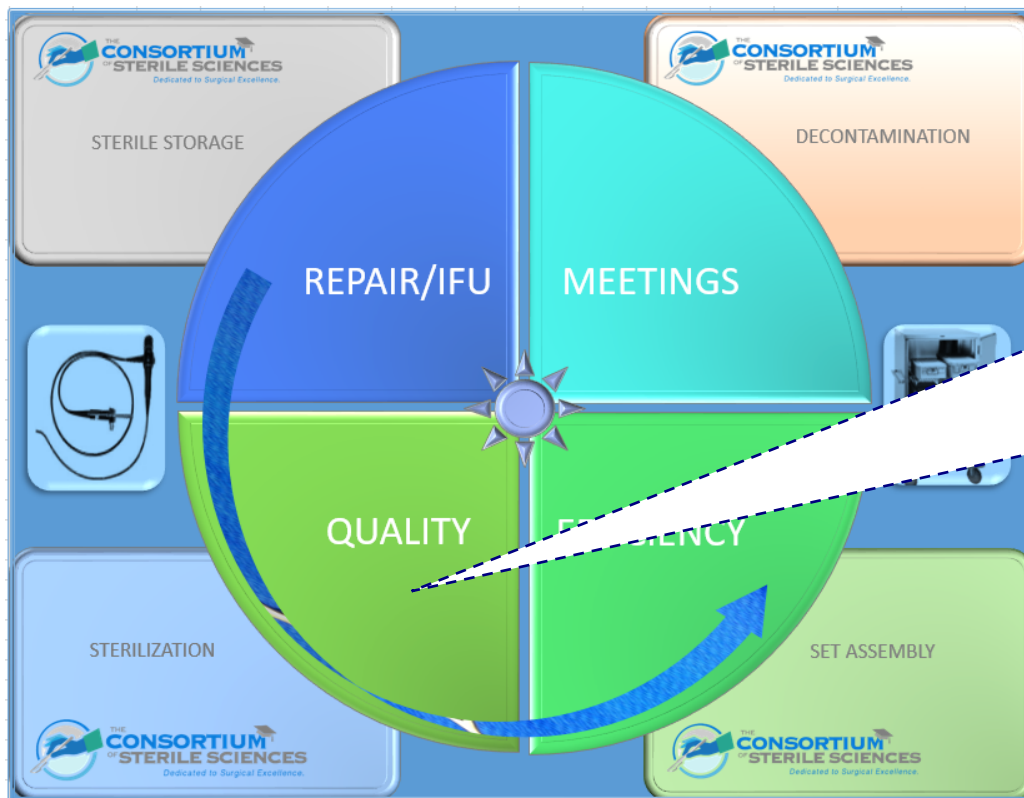

Efficiency

User clicks efficiency button to access departmental efficiency, which is automatically calculated in the STERILE PROCESSING MATRIX. Refer to Excel document— **STERILE PROCESSING MATRIX**

QUALITY

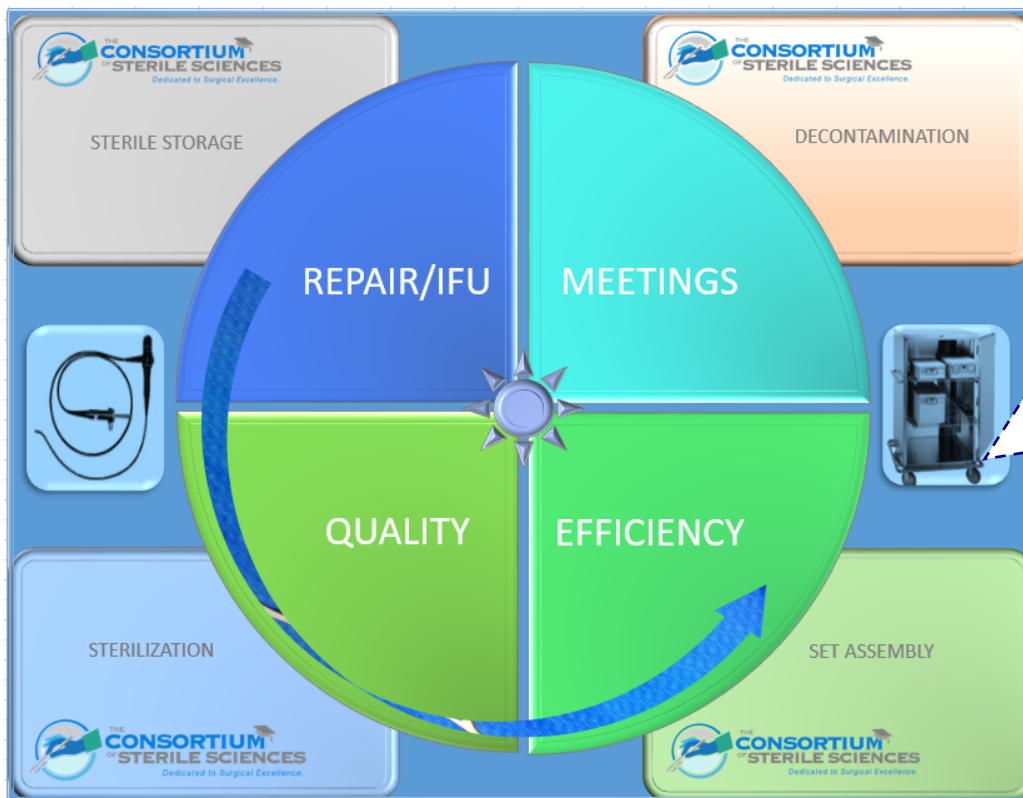Automatically calculates quality using the data entered into the STERILE PROCESSING MATRIX.

Quality

User clicks quality button to access departmental quality, which is automatically calculated in the STERILE PROCESSING MATRIX. Refer to Excel document— **STERILE PROCESSING MATRIX**

CASE CART PICKING

Surgeon preference cards are scanned in into **Case Cart Picking Template** or uploaded. Case Cart pikers then click to open and use them to pick case carts for surgery. Surgical instruments are pulled from the **Sterile Storage** and insure that instruments are available for each schedule case. Refer to the excel document— **Case Cart Picking.**
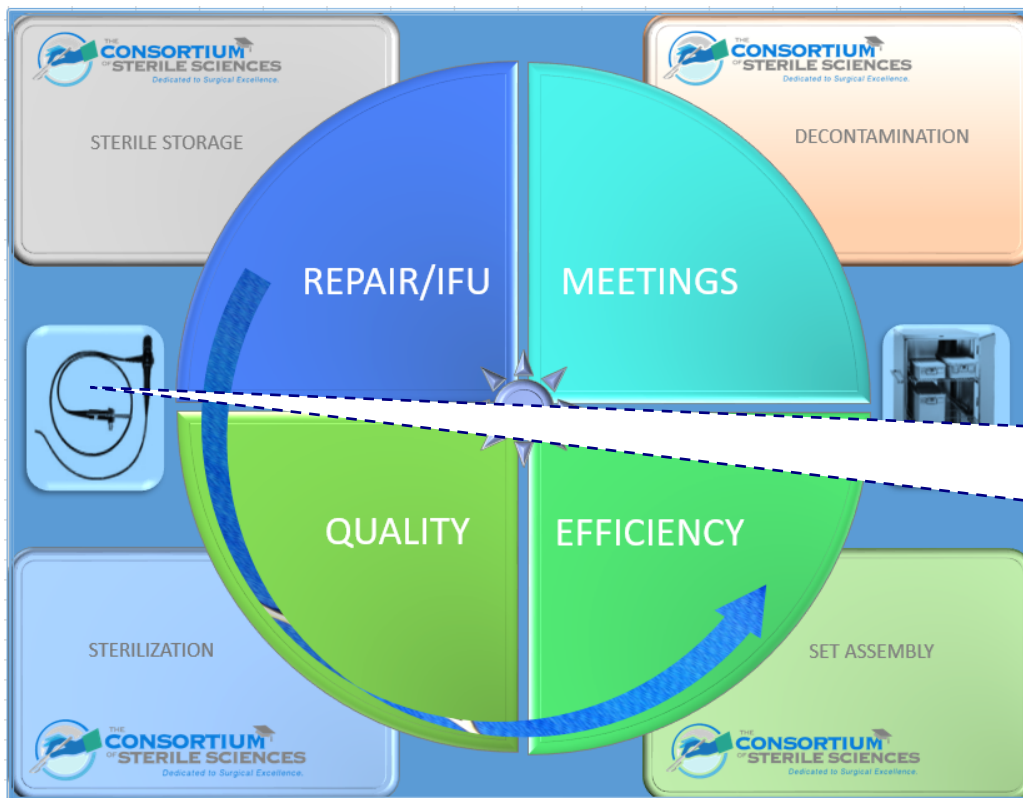

Case Cart Picking

User clicks case cart button to access surgeon preference sheets and case cart picking template, Preference cards are scanned in or uploaded into folder. Refer to Excel document— **Case Cart Picking.**

ENDOSCOPE PROCESSING

Flexible endoscopes are scanned into the Endoscope processing template. Refer to the excel document—**Endoscope Processing**
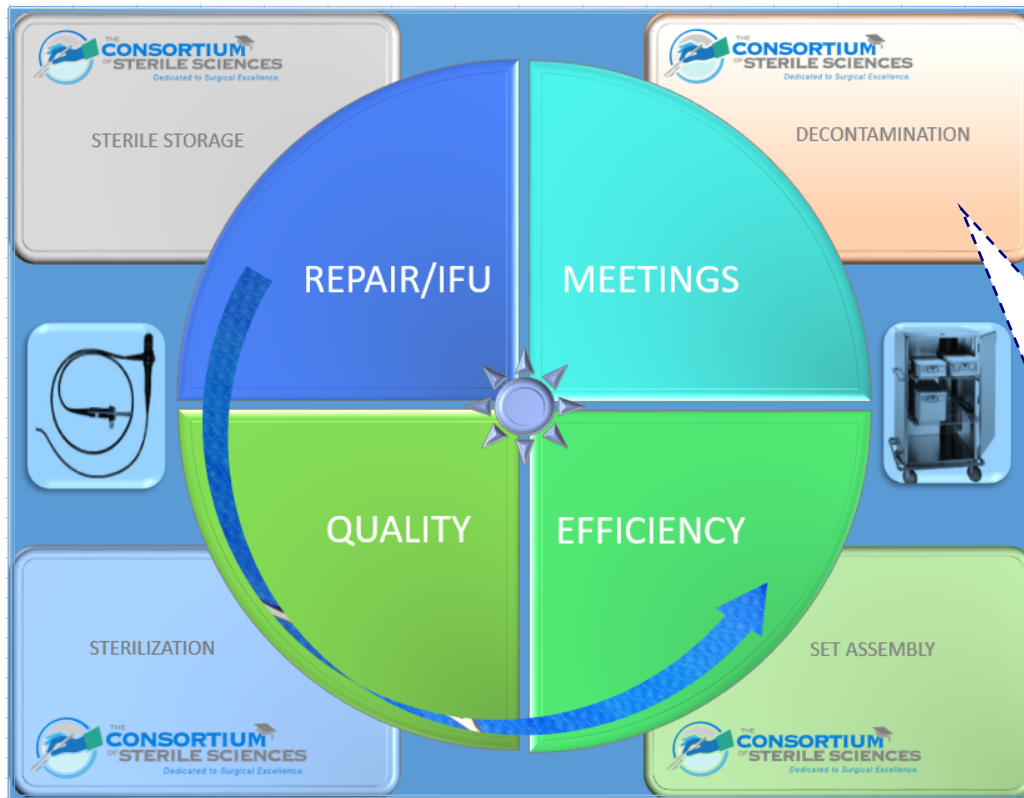

Endoscope Processing

User clicks on endoscope processing button to process endoscopes. Refer to Excel document— **ENDOSCOPE PROCESSING**

INSTRUMENT DECONTAMINATION

Users login to access the INSTRUMENT DECONTAMIINATION template, which holds the data of surgical count sheets for each surgical instrument set. These sets are scanned into the set data bank or uploaded into it. When a surgical tray is scanned, its count sheet pops up—displaying its instrument content. Refer to excel document—**INSTRUMENT DECONTAMINATION.**

Instrument Decontamination.

User clicks Decontamination button to access the instrument decontamination template to clean surgical instruments. These surgical instrument set count sheets are scanned in or uploaded. Refer to Excel document—**INSTRUMENT DECONTAMINATION**
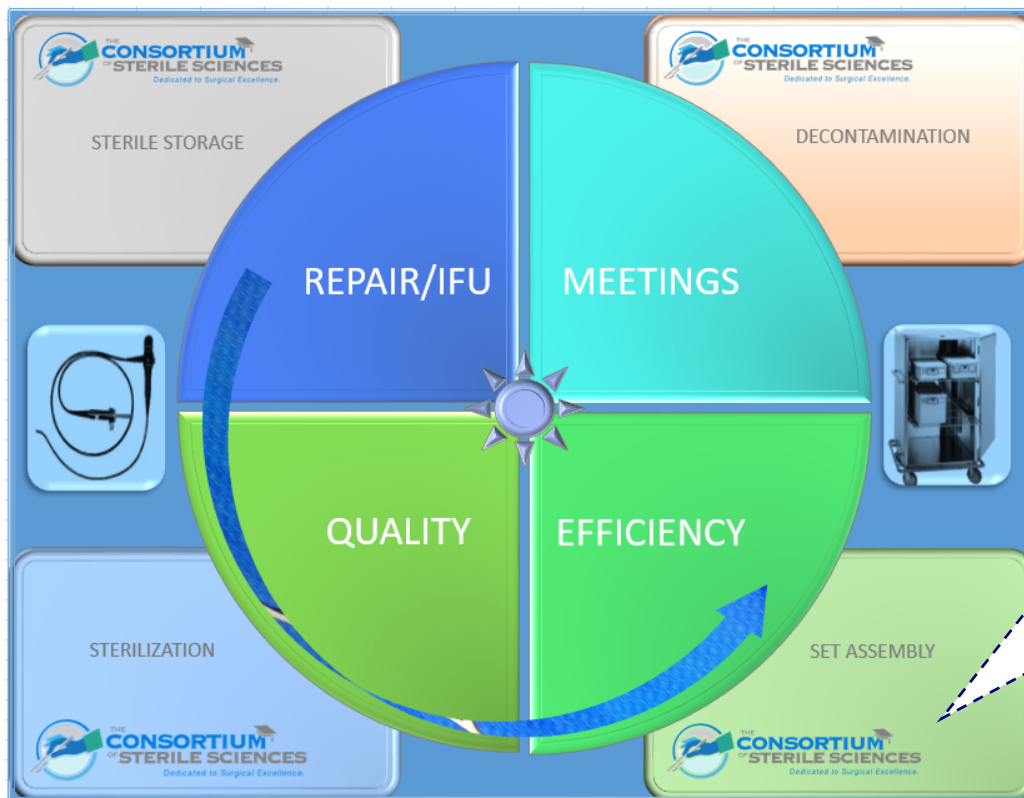
SET ASSEMBLY

Users login to access the **surgical count sheet** and label data base which holds the data of surgical count sheets and labels for each surgical instrument set as well as single surgical instruments. These sets are scanned into the set data bank or uploaded into it. When a surgical tray or instrument is scanned, its count sheet and label pop up with guide on how to process the surgical instrument set or instrument. Refer to excel document— **SURGICAL COUNT SHEET.**
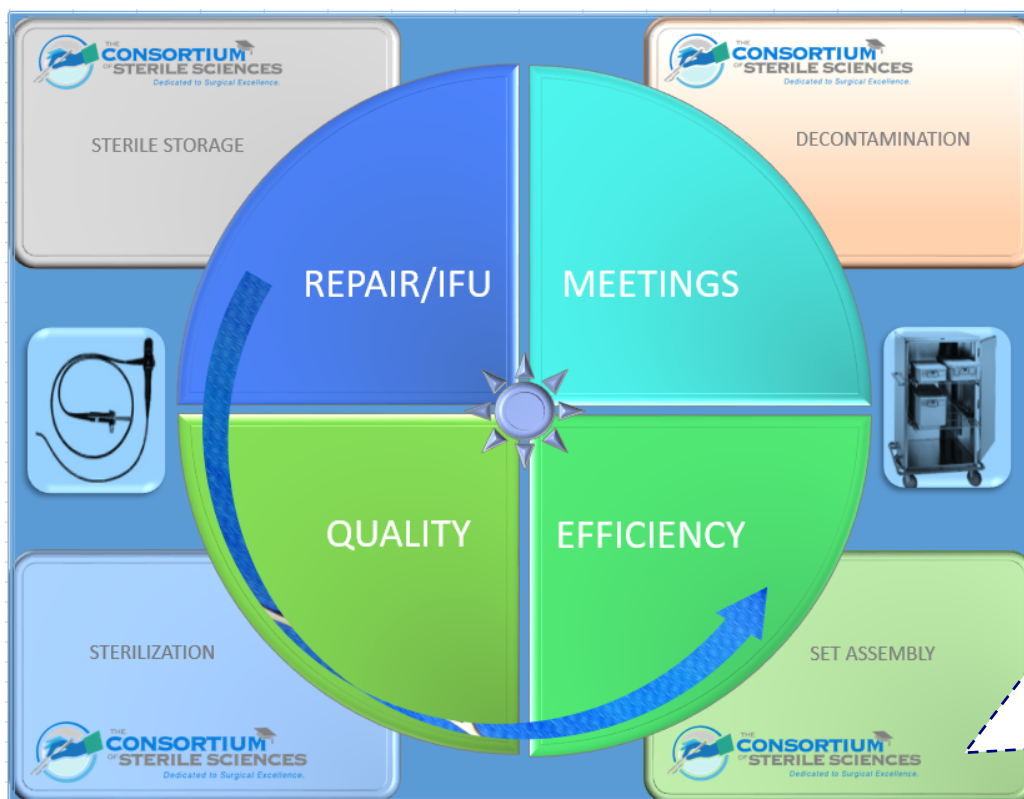

Set Assembly

User clicks Set Assembly. These surgical instrument set count sheets are scanned in or uploaded. Refer to Excel document- **Surgical Count Sheet.**

STERILIZATION

Users login to access the **surgical count sheet** and label data base which holds the data of surgical count sheets and labels for each surgical instrument set as well as single surgical instruments. These sets are scanned into the set data bank or uploaded into it. When a surgical tray or instrument is scanned, its count sheet and label pop up with guide on how to process the surgical instrument set or instrument. The sterilization method of each set and single instrument is set. Refer to excel document— **STERILIZATION**
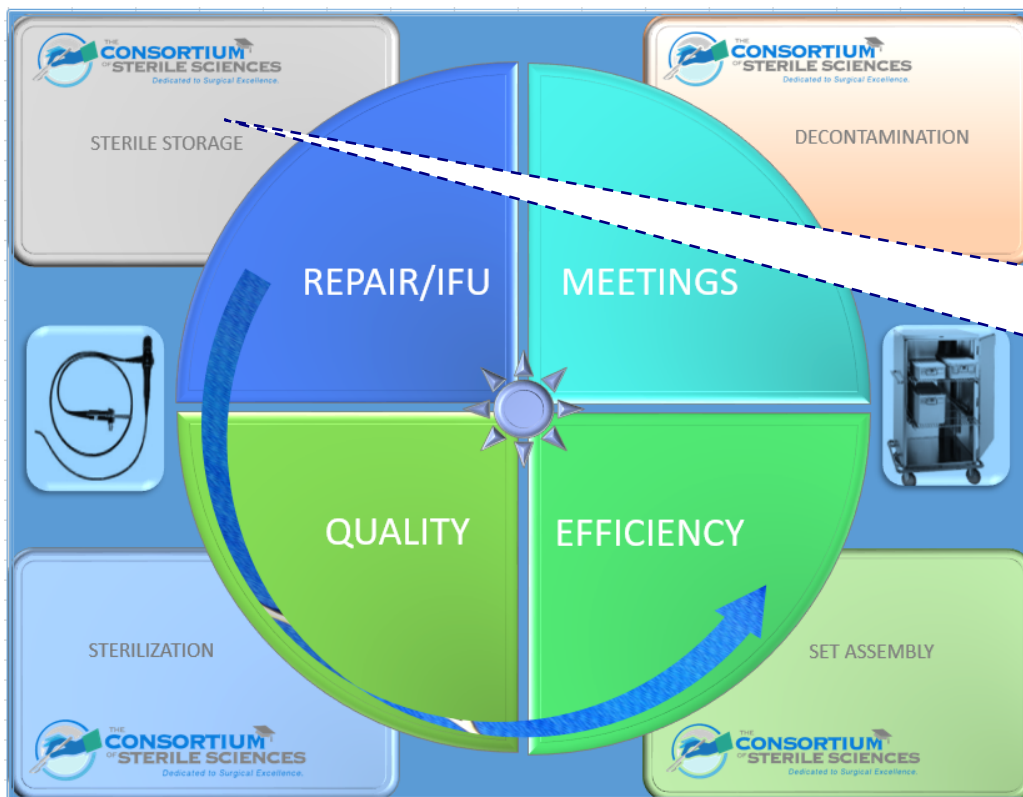

Sterilization

User clicks the sterilization button to load surgical instrument on to sterilization carts and perform sterilizer testing. These surgical instrument set count sheets are scanned in or uploaded. Refer to Excel document– **STERILIZATION.**

STERILE STORAGE

Users login to access and scan in sterilized surgical instruments and sets. STERILE STORAGE.

Sterile Storage

User login and click the sterile storage to locate surgical instruments, run reports and many other functions.