THE UNIVERSITY OF TOLEDO MEDICAL CENTER
STERILE PROCESSING DEPARTMENT PROCEDURE

SUBJECT: OPERATION OF THE STERI SYSTEM 1E   PROCEDURE NO: SP7-5

PROCEDURE STATEMENT

The OR operates the Steris System IE, a low temperature chemical, high level disinfection system/sterilization system

PURPOSE OF PROCEDURE

To high level disinfect and sterilize medical devices which are sensitive to high temperatures.

PROCEDURE

1. Make sure a diagnostic cycle has been run before proceeding with a sterilization cycle.

2. Clean instruments thoroughly.

3. Insure that stopcocks on medical devices are open.

4. Place items in Steris rigid container. Place chemical indicator in clip in tray.

5. Obtain Steris Sterilant Cup. Gently roll cup in between palms of hands to break up any clumps within cup.

6. Place Steris sterilant chemical into cup compartment, press down into cup cutters. Push spike of aspirator down through sterilant cup lid making sure that tubing is not kinked.

7. Gently close lid of unit, making sure there is no resistance. If the lid meets with any resistance, reposition tray.

8. Press start button. Cycle will begin.

9. Cycle is complete when the LED screen indicates "Cycle Complete Press Cancel."

10. When cycle is complete, review printout. The following parameters must be met:

    TEMP: Must read greater than 45.5 to 60ºC.
    CONCENTRATION: Must be 175 or greater.
    EXPOSURE TIME: Must be 6 minutes.
    CYCLE COMPLETE: (Time) will print at the bottom of the printout.

11. If all cycle parameters have been met, items are ready for use. If the device indicates a failure has occurred, it will do so on the LED screen and the printout. Do not use goods and contact Biomedical Engineering.

12. When the cycle has successfully completed, press "cancel" button once to release lid vacuum. Lift handle at front of machine and lift lid and remove contents.

13. Pull aspirator spike from sterilant cup, remove cup and discard.

14. Place the printout on the Steris 1E cycle record located with the unit.

Reviewed/Revised
1/2014, 1/2020