

THE UNIVERSITY OF TOLEDO MEDICAL CENTER STERILE PROCESSING DEPARTMENT PROCEDURE

**SUBJECT: BIOLOGICAL SPORE TESTING FOR
IMPLANTS, O.R. STERILIZATION**

PROCEDURE NO: SP7-3

PROCEDURE STATEMENT

A Biological Indicator (**BI**) will be run with every load.

PURPOSE OF PROCEDURE

To ensure that sterility is attained for all instruments and implants sterilized within the O.R.

PROCEDURE

1. Implants should be processed if at all possible in spd to assure they can be processed with IUSS.
2. Before starting a Steam sterilizer a BI challenge device should be placed over the drain.
3. Run the cycle.
4. When the cycle is complete, the BI should be opened and the CI read before transporting of the implants. If the CI is passed the instruments can be transported and the BI and taken it to the incubator located in the processing room in the OR.
 - Cut a patient addressograph label with the patient's name to size and place it on the BI.
 - Place the BI into the next available slot in the appropriate steam incubator.
5. Fill out the OR BI Record form with the information required. Place a Patient addressograph label on the OR BI Record Form and place the form in the designated binder in the processing room.
6. The BI can be read in 24 min. Enter the results into the BI record form.
7. Implants should not be used before reading the BI, if they are used emergently an early release paper should be filled out. (forms in spd)
8. If a positive is noted on any biological, follow the recall procedure, notifying the SPD Supervisor, Infection Control and the SPD Manager or SPD on-call supervisor. Recall all items that were processed if possible. If the reading is negative, discard the BI.

References

1. ANSI/AAMI ST79:2017 & A1:2010 & A2:2011 & A3:2012 *Comprehensive guide to steam sterilization and sterility assurance in healthcare facilities*. Section 10.7.4 Association of perioperative Registered Nurses. *Perioperative Standards and Recommended Practices, 2013 Edition*. Recommended Practices for Sterilization, Recommendations VII and XX.
2. SP Procedure SP 7-6 Immediate Use Sterilization in the OR.

Reviewed/Revised
2007, 2010, 2014
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