



Laser CAAT Tags White Paper

Product code: 15RGN, 20RRD, 23RCSV, and 23RCBK

Bethany Watts, BS.

Aim:

The purpose of the study was to test Healthmark's Laser CAAT Tags with washing and sterilization cycles to test if they could withstand the recommended wash and steam sterilization.

Materials and methods:

- Laser CAAT Tags: 15RGN, 20RRD, 23RCSV, and 23RCBK
- Miele Washer
- Ortho Soaker Sheets 9.8inx 9.8in
- Perforated Stainless Steel Trays
- Steam sterilizer

The study was conducted to test if the Laser CAAT Tags could withstand the washing and sterilization recommended for them. The tags were washed on the TOSI Cycle, which consists of a pre-rinse without heat for 3 minutes, followed by a rinse that is 10 minutes at 43C with a 0.40% detergent dosing, and then has a final rinse at 82C for 2 minutes. Once the tags were washed, they were removed from the washer and placed in the perforated stainless-steel trays on top of ortho soaker sheets. The tags were then sterilized for 4 minutes at 132C. After the sterilization was complete, the tags were removed from the sterilizer and allowed to be cooled at room temperature until they could be handled. The tags and the ortho soaker sheets were then examined for bleeding color, bending of the metal, or any other irregularities. The ortho soaker sheet was then replaced with a new sheet and the tags were sterilized two more times at the same temperature for the same time and examined after every cycle. Following these, new tags were then washed on the TOSI cycle and then sterilized for 3 minutes at 135C. The tags and soaker sheets were examined after each run. Finally, the tags were tested with the TOSI cycle and then sterilized at 135C for 20 minutes and then examined. The tags had no irregularities and no changes.

Observations:

After the washing and sterilization cycles were performed on the Laser CAAT Tags, there was no sign of any irregularities including bending of the metal, bleeding of color, or any other changes.

Results:

Based on the test results, the Laser CAAT Tags can withstand both the washing and sterilization cycle recommended for them.