

**TECHNICAL BULLETIN: TESTING AZOOSPERMIC and OLIGOASTHENOZOOSPERMIC SAMPLES**  
**For SQA-V GOLD Version 2.43 to 2.60 | Wednesday, January 14th, 2015**

**BACKGROUND:**

For clinically accurate results, FRESH Azoospermic and Oligoasthenozoospermic samples must be run on the Post-vasectomy mode of the SQA-V or counted manually using the SQA-V's Visualization System. In situations where the testing facility is UNAWARE of the type of sample received or whether a lubricant was used during the collection process, the following procedure can be followed:

**SEMEN SAMPLE SCREENING PROCEDURE:**

- After entering the patient data, fill the SQA-V capillary with completely liquefied semen and insert into SQA-V video visualization slot to view the sample prior to automated testing.
- Quickly scan through the sample depth by turning the focus knob.
- If a lot of debris and round cells are found and ZERO to FEW spermatozoa are seen, the sample must be run in the SQA-V Postvasectomy mode or manually using the SQA-V's Visualization System (see User Guide instructions).
- Follow the Postvasectomy onscreen instructions if you choose to run the sample on Postvasectomy mode.
- The # of motile, immotile and total sperm cells per scan and per sample volume will be reported. If desired, the title: Postvasectomy Test Results in the V-Sperm printed report can be replaced with the title: High Sensitivity Test Results by going to: Set-up/V-Sperm/Report/Language/Other.

**CALCULATING POST VASECTOMY RESULTS IN M/ML:**

Divide # SPERM/SAMPLE VOLUME results by the Sample Volume (ml) for example:

- MOTILE                    0.20 M / Volume (2 ml) = 0.10 M/ml
- IMMOTILE                0.54 M / Volume (2 ml) = 0.27 M/ml
- TOTAL                    0.74 M / Volume (2 ml) = 0.37 M/ml

