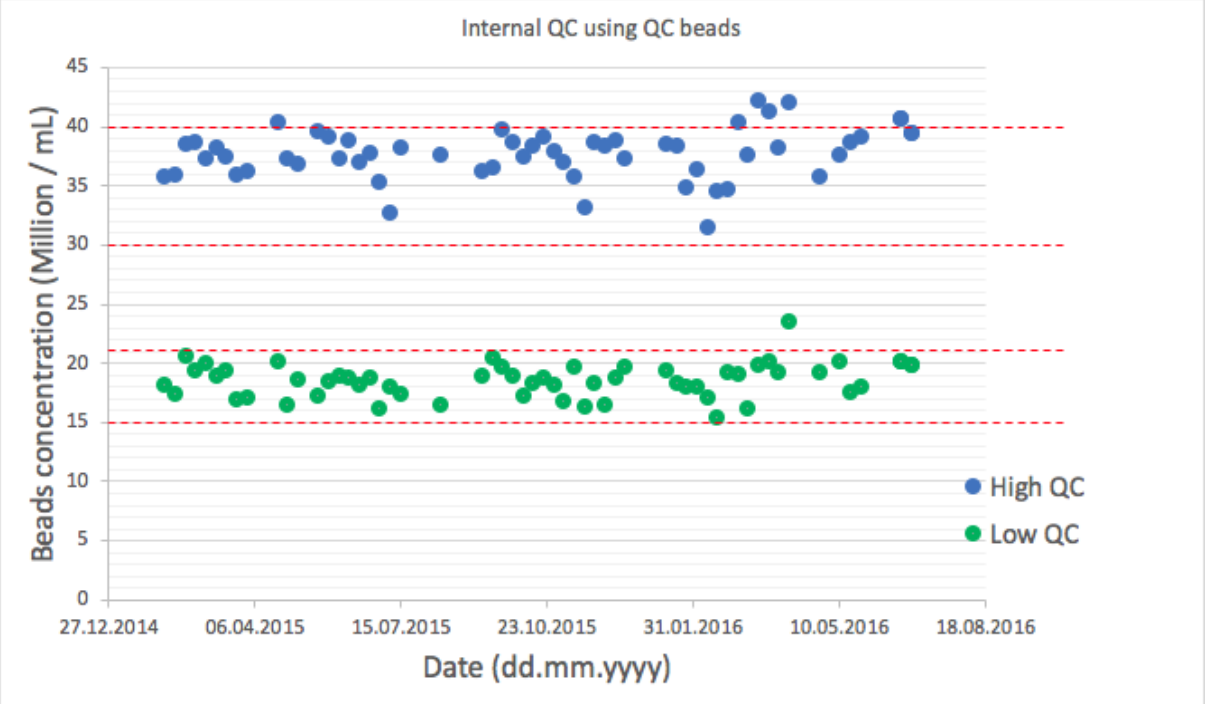
012: QC-beads

This is an excerpt from the original QC beads protocol, published by Bioscreen. (link)

Procedure for Automated Counting of QC-Beads

1. Vortex the vials several minutes to homogenize the QC-Beads ™ solutions.
2. Using a pipette, remove the volume recommended for the counting chamber you are using.
3. Pipette the bead suspension into the counting chamber.
4. Immediately recap the vial.
5. Place the counting chamber in the automated analyzer and follow the directions for performing a sperm count.
6. Count at least 5 fields so as to count a total of at least 200 beads.
7. Record the concentration of beads.
8. Repeat steps 1-7 using a fresh aliquot of beads.
9. Compare the 2 results If the results are within 10% of each other, then average the 2 counts.
10. The average count should be within the range of the Expected Values If the results are not within this range, then repeat steps 1- 9.
11. Repeat steps 1-10 using the Lo QC-Beads TM

Example of result obtained in one Center (Sumiswald)



See also: 002: General procedures

Document available in EN

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