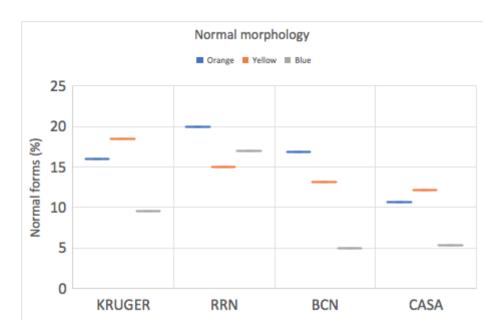# 010: IQC for sperm morphology (Krüger slides)

T. Krüger provides courses in Switzerland, to which most active professionals are invited to attend. During these courses, slides with known percentages of normal forms are distributed to the participants. These slides can be used as internal quality controls, without disclosing the expected normal forms established by T. Krüger.

We show here the results obtained by the lab analysts involved in morphology determinations and by the CASA system.

- Lab analysts involved: KRUGER, BCN, RRN, CASA
- Three categories of slides with normal forms >10%, 4-10 %, and <4%
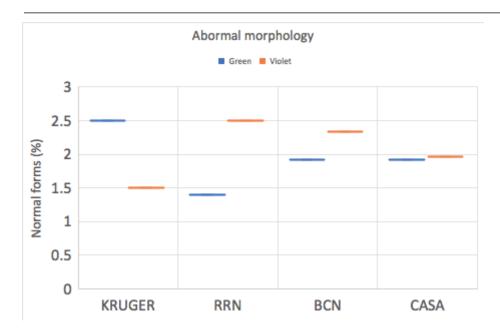
Results

Orange, Yellow: expected to have good morphology (>10%) and Blue with intermediate values (4-10%). RRN, BCN and CASA provides results that are meeting the expectation set by Kruger. Compared to the subjective determinations (KRUGER, RRN, BCN), the CASA gives lower values.

For abnormal morphology, slides Green and Violet are expected to have normal morphology below 4%. This was the case for all participants and the CASA.

Abormal morphology

In summary, even if the percentages of normal forms may vary between analysts and the CASA, the values measured are congruent in respect to their clinical significance (good: >10%, intermediate: 4-10%, bad: < 4%).

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