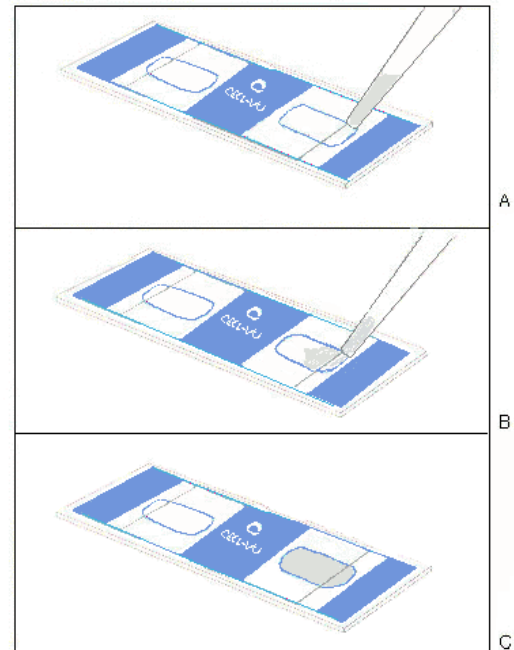


# General Preparation for CELL-VU® 20µ Disposable Two Chamber with Fixed Coverslip for Counting of Sperm

- Mix the sample thoroughly just before pipetting.
- Slowly pipette one drop (approximately 2-4 microliters\*) of undiluted specimen on the CELL-VU® slide. (*The CELL-VU® slide is 20µ depth chamber.*)  
  
\* Please note that the CELL-VU® Counting Chamber uses a smaller sample than the Microcell® or Standard Count® (Leja)
- Place the specimen at the edge of one of the sampling areas (figure A).
- The specimen will fill the counting area by capillary action (figures B and C).



**Note:** *If you are currently using a disposable counting chamber and your microscope has already been calibrated, there is no need to recalibrate. You use the calibration factors.*

## Percentage Motility:

$$\% \text{ motility} = \frac{\text{number of motile sperm}}{\text{total concentration}} \times 100$$

- Two tests can be performed using on CELL-VU@ slide.

## Suggestions:

- Sperm can be immobilized by placing a small amount of sample in an appropriate container and then immersing it in hot water for several minutes.
- If diluted specimen is used, follow the instructions and multiply by the dilution factor.

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