



The Indian perspective on male infertility care: Takeaways from USI guidelines

Evaluation and semen analysis^{1,2}

- Conduct a relevant reproductive history and focused clinical examination.
- Semen analysis must follow the WHO 6th edition standards.
 - ↳ Standardised collection (2–7 days abstinence)
 - ↳ Accurate volume measurement
 - ↳ Sperm concentration, motility, morphology and vitality assessment
 - ↳ Internal/external quality control

WHO 6th-edition reference values²

Parameter	Reference value (5 th percentile, 95% CI)
Semen volume (mL)	1.4 (1.3–1.5)
Sperm concentration (million/mL)	16 (15–18)
Total sperm number (million/ejaculate)	39 (35–40)
Total motility (PR + NP, %)	42% (40–43)
Progressive motility (PR, %)	30% (29–31)
Vitality (%)	54% (50–56)
Normal morphology (%)	4% (3.9–4.0)