

**ANDROLOGY**  
**NORMAL VALUES OF SEMEN VARIABLES**  
**INFORMATION SHEET**

Q-Pulse No	AIM18
Version	2
Site	HUB

Parameter	Lower reference limit (5 <sup>th</sup> centile and 95% confidence intervals)
Volume (ml)	1.4 (1.3 – 1.5)
Concentration (millions/ml)	16 (15 – 18)
Concentration (millions/ejaculate)	39 (35 – 40)
Progressive motility (%)	30 (29 – 31)
Vitality (%)	54 (50 – 56)
Morphology (% normal)	4 % (3.9 – 4.0)

Reference:

AQA1 – WHO laboratory manual for the examination and processing of Human Semen (Sixth edition)