Table 3

Semen analysis

Compare with WHO reference values:

- Volume at least 2.0ml
- Liquefaction time within 60 minutes
- pH at least 7.2
- Sperm concentration at least $20x10^6$ per ml
- Total sperm number at least $40x10^6$ spermatazoa per ejaculate
- Motility at least 50 per cent (grades a and b), or at least 25 per cent with progressive motility (grade a) within 60 minutes of ejaculation
- Vitality at least 75 per cent live
- White blood cells: $< 10^6$ per ml
- Morphology: 15 to 30 per cent

Do not screen for anti-sperm antibodies

Ideally repeat after three months if abnormal or as soon as possible if gross sperm deficiency