Attachment N. Questionnaire for men in semen sub-study

**Boxes to be completed by ZIPER staff**

|  |  |  |  |
| --- | --- | --- | --- |
|  **ZIPER ID:** |  |  **VISIT CODE** | \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ |

**SAMPLE COLLECTION DATA**

|  |  |
| --- | --- |
| **SAMPLE PRODUCTION** | **SAMPLE RECEIPT** |
| [ ]  GENES Fertility Clinic [ ]  Auxilio Mutuo [ ]  Home [ ]  Other:\_\_\_\_\_\_\_\_\_\_\_\_\_ | [ ]  GENES Fertility Clinic [ ]  Auxilio Mutuo [ ]  Home [ ]  Other:\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| COLLECTION DATE ­­­­­ (mm/dd/yy) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | RECEIPT DATE ­­­­­ (mm/dd/yy) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| COLLECTION TIME \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ AM[ ]  PM[ ]  | RECEIPT TIME \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ AM[ ]  PM[ ]  |
| ABSTINENCE (including masturbation) (days) \_\_\_\_\_\_\_\_ |  |

**LABORATORY FINDINGS**

**PHYSICAL SEMEN ANALYSIS – TIME \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ AM[ ]  PM[ ]**

|  |  |  |  |
| --- | --- | --- | --- |
| **Characteristic** | **Appearance** | **Characteristic** | **Appearance** |
| Liquefaction (< 30 min) | Complete [ ]  incomplete [ ]  | WBC’s/hpf |  (Normal < 2/hpf)  |
| Viscosity | Normal [ ]  increased [ ]   | Debris |  (Normal + 1- + 3) |
| Turbidity | Transparent [ ]  translucent [ ]  opaque [ ]  | pH |  (Normal= 7.2-8.0)  |
| Color | White [ ]  yellow [ ]  clear [ ]  other [ ]  | Bacteria | Yes [ ]  No [ ]  Moderate [ ]  |
| Agglutination/(type) | YES [ ]  NO [ ]  Type: (~%): | Other | Round Cell’s ( ); Epit. C’s ( ) |
| Hematospermia | YES [ ]  NO [ ]   |  |   |

**QUANTITATIVE/ QUALITATIVE SEMEN ANALYSIS**

|  |  |  |
| --- | --- | --- |
| **Characteristics** | **Observed values** | **Reference Values** |
| Volume (ml) |  | (1.5-5.0 ml)  |
| Concentration (x 106/ml) |  | (> 20 x 106/ml) **\*Mean Conc. (see below)** |
| Count (x 106) |  | (> 40 x 106) |
| Motility (%) |  | (> 40 %) |
| Total motile sperm (x 106) |  | (> 20 x 106) |
| Progressive motility (%) |  | (+3/+4; > 25%) |
| Estimated morphology (% Normal) |  | (> 14%) **Kruger’s Strict Criteria** |
| Total Functional Sperm Fraction |  | (> 10 x106/ejaculate) |

 **\*CONC 1 x 106/ml \_\_\_\_\_\_\_\_\_ \*CONC 2 x 106/ml \_\_\_\_\_\_\_\_ \*MEAN CONC x 106/ml \_\_\_\_\_\_\_\_\_**

**SPERM PROGRESSION/VIABILITY TEST**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Time | Grade 1(%) | Grade 2(%) | Grade 3(%) | Grade 4(%) | Total Motility (%) |
| Hour 1 |  |  |  |  |  |

**SPERM MEMBRANE INTEGRITY/FUNCTIONAL TESTS**

|  |  |
| --- | --- |
| If motility < 50 %, determine Live/Dead ratio with Supravital Stain (%): |  |

**STRICT SPERM MORPHOLOGY**

|  |  |
| --- | --- |
| Normal/abnormal forms (%):  | Normal (> 14%) Kruger’s Strict Criteria |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Head (%) |  | Tail (%) |  | Immature (%) |  |
| Nuclear (%) |  | Neck-Midpiece (%) |  | Amorphous (%) |  |
| Acrosome (%) |  | Cytoplasmic droplets (%) |  |  |  |

**Preliminary comments and diagnostic: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
**Person(s) who analyzed specimen**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_