Purpose/Principle
The primary reason for collection and analysis of seminal fluid is post vasectomy review. It is very important that the sample is collected and transported to the laboratory correctly for the results of the analysis to be accurate.

Related Documents
Semen Collection Form - English

Responsibilities
- Clinical Laboratory Scientist (CLS) is responsible for performing the semen analysis.
- Laboratory Assistants 1 & 2 are responsible for making sure the sample and the requisition meets the Acceptance or Rejection of Samples and Requisitions policy and the sample is delivered to Hematology timely.

Equipment
Sterile Sample Cup

Procedure
A. Verify the order of the Semen Analysis determining if the sample to be collected is for complete analysis or post vasectomy.
B. Give the patient the instruction sheet and a sterile sample cup.
C. Go over the instructions with the patient, making sure he understands the collection and answer any questions.
D. The patient should abstain from ejaculation for at least two days but not more than seven days prior to collection of the specimen. This includes both sexual intercourse and masturbation.
E. The patient should produce the sample by masturbation only, and without use of artificial lubrication.
F. The entire sample needs to be collected in the container provided. It is very important for analysis that the whole ejaculate is collected.
G. The sample should arrive at the laboratory within 20 minutes of the time of collection. The sample should be kept at body temperature until it arrives at the laboratory.
Collection of Seminal Fluid for Clinical Analysis

Procedure, continued

H. The sample should be labeled with the Last and First name of the patient, DOB or Medical Record Number, date and time of collection.
I. The patient will be asked the number of days of abstinence, exact time of collection, if the sample was kept at body temperature during transportation. These questions are on the instruction sheet and must be filled out at the time of arrival by laboratory staff. Also the time of arrival of the specimen to the laboratory is noted.
J. The information acquired is necessary for the completion of the report to the ordering physician.
The instruction sheet and sample need to immediately be processed and should go directly to Hematology.

Unacceptable Specimens
Seminal fluids should arrive within one hour after collection. The sample should remain at body temperature until arrival. Should either fail, the specimen will need to be recollected. The patient would have to abstain from sexual intercourse and or masturbation for a minimum of two days before recollection.

Affected Departments: Laboratory Services