



## **Intrauterine Insemination (IUI)**

These treatments involve injecting sperm through the cervix and into the uterus. It can also be used for male factor infertility using either the husband's or donor sperm. It is often used in female infertility in conjunction with ovarian hyperstimulation to improve pregnancy rates.

The process, if husband's sperm is used, requires the sperm be "washed". Sperm is first filtered through a media gradient that removes dead cells and debris. It is then washed 2 times with a sperm wash media and finally a swim up technique is used to get the most active sperm for insemination. The sperm is then injected into the uterus using a small flexible catheter. The women may resume normal activity 15-20 minutes later.

Donor insemination (TDI) uses sperm from a known donor or an unknown donor from a sperm bank. Frozen sperm can be purchased from several sperm banks across the county. They are shipped to Los Olivos and stored in liquid nitrogen until they are used for insemination.

Prior to insemination, special blood tests are required by state law. These include testing the male partner for HIV, HTLV, Hepatitis B and C and a test for syphilis. The patient will sign a waiver to eliminate the need for repeat testing. We require all patients to have cervical cultures and lab tests for HIV, Hepatitis B and syphilis testing prior to having insemination using donor sperm.