



## SONAR INSUFFLATION STUDY (SIS)

- Your physician has recommended that you undergo a procedure called sonar insufflation study (SIS). You may have heard this procedure referred to as hysterosonography. This procedure differs from a hysterosalpingogram (HSG) in that the equipment used to visualize the uterus and tubes is the ultrasound rather than x-ray. Therefore, the procedure is done in the physician's office rather than the hospital's x-ray department.
- The purpose of SIS is two-fold. First, the physician will evaluate the shape and contour of your uterine cavity; second, he/she will evaluate your tubes. The physician will be watching the flow of a liquid solution on the video screen as it flows through the uterus and tubes. Sometimes the tubes are not visualized even when they are open. You may be able to watch the video screen while the procedure is being done.
- If the physician detects an irregularity in the uterine cavity, he/she may recommend further treatment. It may be possible to remove a small intrauterine polyp during the procedure. However, if the physician cannot safely remove the structure during video sonography, he/she may discuss alternative treatment or surgery at a later time.
- The SIS procedure is not usually uncomfortable for the patient. An antibiotic, usually Doxycycline, is to help prevent the possibility of infection. The analgesic is to help prevent cramping which is sometimes associated with the influx of the fluid into the uterus. It is important that you take both of these medications as directed and **YOU MUST EAT BREAKFAST** when you take the medication. You will continue the antibiotic for three more doses. You may take additional analgesic in the afternoon following the procedure, if you are uncomfortable.
- This procedure is scheduled between the fourth and the twelfth day of your cycle. You should call scheduling (205-803-1960 or 1-800-338-0758) when your period starts to schedule sonar insufflation study (SIS). If your period starts over the weekend, call Monday at 8:00 am. If you have questions regarding this procedure, please do not hesitate to call the nurse message center and leave a message.
- Video sonography is a safe procedure. However, complications can occur. **THIS IS VERY RARE.** Possible complications include infection, bleeding, pain, uterine perforation and allergic reaction to the medications. Please call the nurse immediately if you experience any of the following symptoms during the week following the procedure.
  1. Temperature over 100° Fahrenheit.
  2. Excessive vaginal bleeding. Minimal spotting is normal.
  3. Foul smelling vaginal discharge.
  4. Severe pelvic pain.
  5. Nausea or vomiting.
  6. Rash or itching.

### Instructions to prepare for your SIS:

1. Purchase Advil, Aleve, Motrin (or any brand ibuprofen) over the counter and take according to the instructions on the bottle 30 minutes to one hour prior to the SIS.
2. Begin your antibiotic the morning of the SIS. Complete your antibiotics according to the instructions on the prescription. Make sure you take the antibiotic with food.
3. Arrive 15 minutes prior to your appointment for your SIS.
4. **DO NOT EMPTY YOUR BLADDER** prior to your SIS as a semi-full bladder may aid in the ease of the test.