The ExEm® Foam Kit enables easy recognition of tubal patency. The ExEm® gel has been specifically developed for gynaecological intracavity ultrasound imaging and is CE marked for this purpose. By mixing ExEm® Gel and ExEm® Water a gel foam is created. After infusing the foam through the uterine cavity into the fallopian tubes, practical ultrasound images can be obtained to check the patency of the fallopian tubes in infertility patients.

Benefits

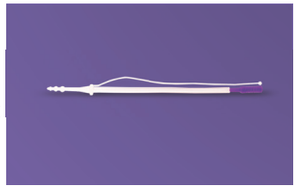
- Office based solution
- Superior fill images
- A bright visualization of contour of fallopian tubes and uterine cavity
- Used in combination with ultrasound imaging
- Less need for radiology or laparoscopy
- Simple to use
- Reduced discomfort for patient, less painful
- Perfect control over administration of gel foam
- Excellent tubal transit
- Value for money, less expensive compared with HSG

ExEm® Foam Kit:

- Syringe with 5 ml ExEm® Gel
- Syringe with 5 ml ExEm® Water
- Coupling device

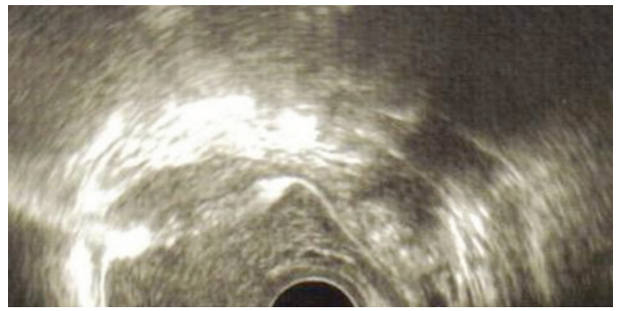
Necessities

- ExEm® Foam Kit
- Side-opening speculum
- Transvaginal ultrasound equipment
- Catheter



Essentials

Be sure that the ExEm® Gel and ExEm® Water are mixed extensively like in **Picture A** so that a milky white foam is created.



Tubal Patency Test by

ExEm® Foam Kit

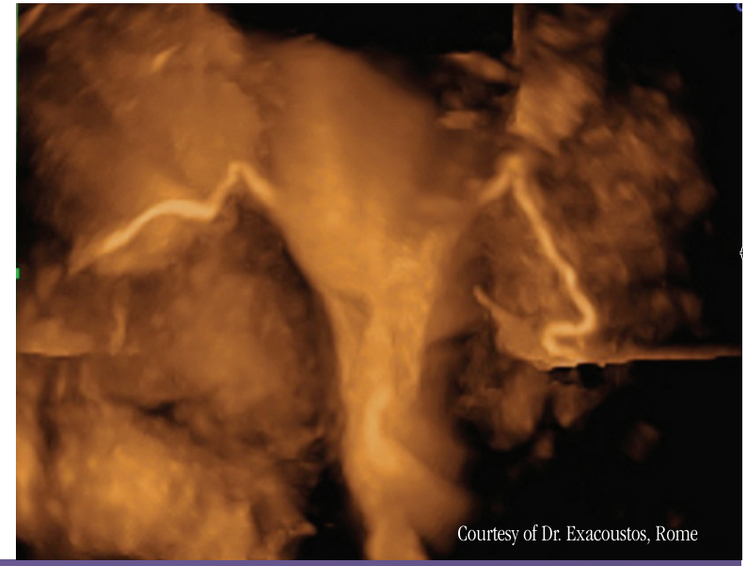
Manufacturer GISKIT BV
Delftechpark 26, 2628 XH Delft, The Netherlands
www.iq-medicalventures.com

IQ Medical Ventures BV

For more detailed information about The ExEm® Foam Kit, visit our website: www.iq-medicalventures.com. GISKIT BV is a subsidary of IQ Medical Ventures BV.

Tubal Patency Test by

ExEm® Foam Kit



Courtesy of Dr. Exacoustos, Rome

Fallopian tube abnormalities account for up to 40% of female subfertility (Snick et al., 1997; Steinkeler et al., 2009). Assessment of tubal patency is one of the first steps in fertility investigations*.

**Chou Phay Lim et al., Human Reproduction, Vol.26, No.5 pp. 967- 971, February 26, 2011 - University of Aberdeen*

HyFoSy is a less painful and less time consuming tubal patency test compared with HSG.

**Kim Dreyer et al., Fertility & Sterility, July 2014 – VU University Medical Center Amsterdam*

Procedure

1. Connect the ExEm® Gel and the ExEm® Water syringes to the coupling device.

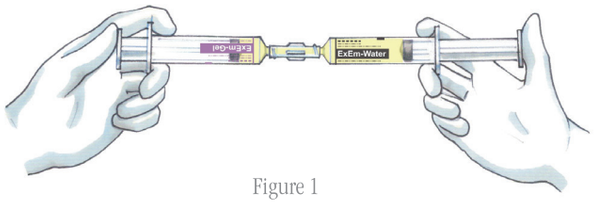


Figure 1

2. Mix the ExEm® Gel with the purified water by injecting the fluids (Fig. 2.) from one syringe through the coupling device into the other syringe (at least 10 times). This creates a milky white gel foam (Picture A). This recipe turns out to be excellent in creating a gel foam that is sufficiently stable to show a perfect fill image and is sufficiently fluid to pass patent tubes.

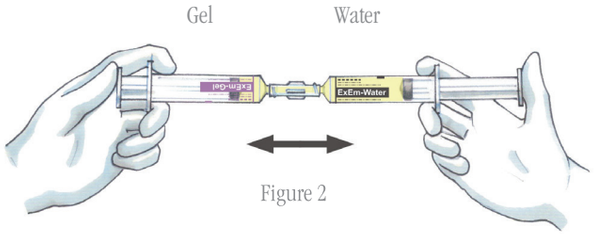


Figure 2

3. Leave the gel foam in either one of the syringes and disconnect the other syringe and coupling device.

4. Connect syringe containing the gel foam to the catheter.

5. Introduce side-opening speculum.

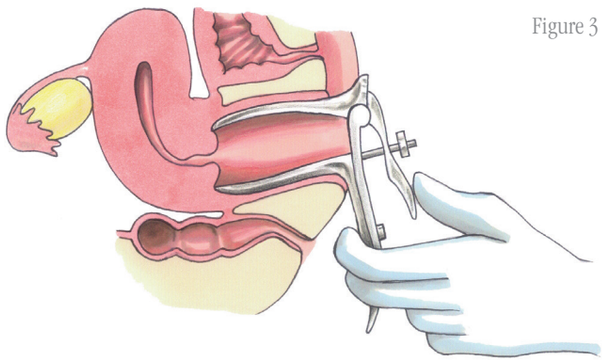


Figure 3

6. By gently filling the catheter with gel foam, allow the air to escape the catheter before introduction. Gently introduce the catheter into the cervix.

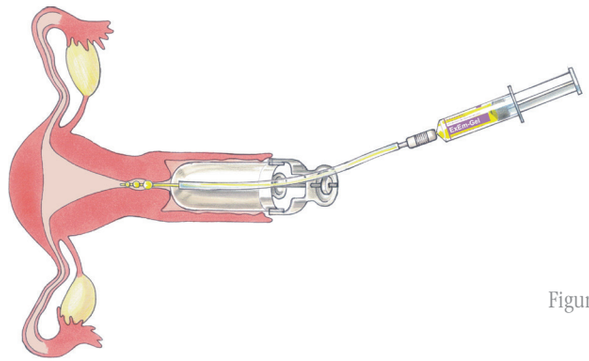


Figure 4

7. Remove speculum.

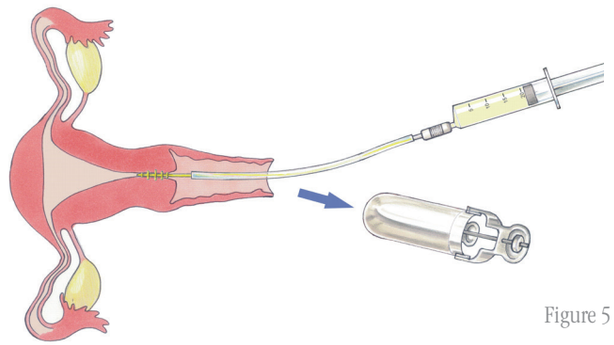


Figure 5

8. Position the ultrasound transducer and slowly infuse small amounts of the gel foam in order to avoid discomfort.

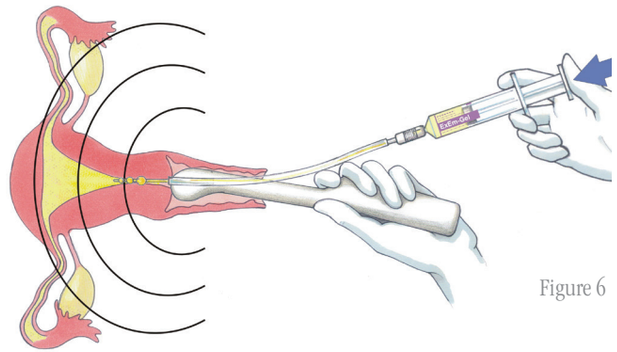


Figure 6

9. Determine tubal patency.

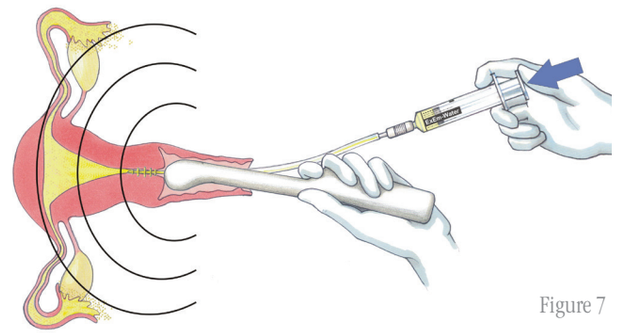


Figure 7

Result

During the ultrasound procedure the fallopian tubes will be visible for a short period of time. If not, the passage of one or both of the fallopian tubes might be disturbed.