

Hysterosalpingography

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filling the uterine cavity .Hysterosalpingography is a radiologic procedure to investigate the shape of the uterine cavity and the shape and patency of the fallopian tubes. It entails the injection of a radio-opaque material into the cervical canal and usually fluoroscopy with image intensification. A normal result shows the filling of the uterine cavity and the bilateral filling of the fallopian tube with the injection material. To demonstrate tubal patency spillage of the material into the peritoneal cavity needs to be observed. The procedure involves ionizing x-rays and should be done in the preovulatory phase of the cycle; it is contraindicated in pregnancy. It is useful to diagnose uterine malformations, Asherman's syndrome, tubal occlusion and used extensively in the work-up of infertile women. It has been claimed that pregnancy rates are increased in a cycle when an HSG has been performed. Using catheters, an interventional radiologist can open tubes that are proximally occluded. The test is usually done with radiographic contrast medium injected into the uterine cavity through the vagina and cervix. If the fallopian tubes are open the contrast medium will fill the tubes and spill out into the abdominal cavity. It can be determined whether the fallopian tubes are open or blocked and whether the blockage is located at the junction of the tube and the uterus or whether it is at the end of the fallopian tube .Complications of the procedure include infection, allergic reactions to the materials used, intravasation of the material, and, if oil-based material is used, embolisation. For the first HSH Carey used collergol in 1914. Lipiodol was introduced by Sicard and Forestier in 1924 and remained a popular contrast medium for many decades. Later, water-soluble contrast material was generally preferred as it avoided the possible complication of oil embolism. ([From the Wikipedia article Hysterosalpingography](#).)

Recent Publications on Hysterosalpingography:



- [Unsuspected pregnancy at hysterosalpingography: a case report and outcome.](#)
*ABSTRACT Introduction. Women undergoing surgery for benign gynecological...*7th November, 2009
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- [Ultrasound versus tactile cannulation in the treatment of proximal tubal obstruction.](#)
*OBJECTIVE: To compare the therapeutic effects of cannulation guided by...*5th November, 2009
Department of Biosciences, Jamia Millia Islamia, New Delhi, India.- Int J Gynaecol Obstet. 2009 Sep;106(3):216-7. Epub 2009 May 29. ([DOI Direct Link](#))
- [An unexpected hysterosalpingographic finding.](#)
*Fallopian tube defects are responsible for subfertility in 12.0-33.0% of...*30th October, 2009
Department of Obstetrics and Gynecology, CHUM-Hopital St-Luc, Universite- J Obstet Gynaecol Can. 2009 Jul;31(7):597-8.
- [Importance of angiographic visualization of round ligament arteries in women evaluated for intractable vaginal bleeding after uterine artery embolization.](#)
*PURPOSE: To determine the incidence of angiographic visualization and the...*22nd October, 2009

Department of Radiology, Seoul National University College of Medicine, 28- J Vasc Interv Radiol. 2009 Aug;20(8):1031-5. Epub 2009 Jun 28. ([DOI Direct Link](#))

- [Detection of tubal abnormalities by HSG in Nepalese subfertile women.](#)
Fallopian tube defects are responsible for subfertility in 12.0-33.0% of... 21st October, 2009
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Department of Diagnostic Imaging, Warren Alpert Medical School of Brown- Radiographics. 2009 Sep-Oct;29(5):1353-70. ([DOI Direct Link](#))
- [Hysterosalpingography: technique and applications.](#)
Hysterosalpingography (HSG) remains an important radiologic procedure in... 2nd October, 2009
Department of Radiology, General Hospital of Athens Hippocratio, Athens,- Curr Probl Diagn Radiol. 2009 Sep-Oct;38(5):199-205. ([DOI Direct Link](#))
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Menometrorrhagia is a frequent cause of medical consulting. After a... 5th September, 2009
Hopital Tenon, service de radiologie, 4, rue de la Chine, 75970 Paris- J Gynecol Obstet Biol Reprod (Paris). 2008 Dec;37 Suppl 8:S334-42. ([DOI Direct Link](#))
- [Benefit of diagnostic laparoscopy for patients with unexplained infertility and normal hysterosalpingography findings.](#)
Patients with unexplained infertility following standard infertility... 29th August, 2009
Department of Obstetrics and Gynecology, Kinki University of Medicine,- Tohoku J Exp Med. 2009 Sep;219(1):39-42.
- [The role of transvaginal ultrasound or endometrial biopsy in the evaluation of the menopausal endometrium.](#)
All postmenopausal women with vaginal bleeding need endometrial... 22nd August, 2009
Department of Obstetrics and Gynecology, New York University School of- Am J Obstet Gynecol. 2009 Jul;201(1):5-11. ([DOI Direct Link](#))
- [A ten year clinicopathological study of female genital tuberculosis and impact on fertility.](#)
INTRODUCTION: To determine the histological pattern of involvement,... 15th August, 2009
Department of Pathology, Medical College, Kolkata-73, INDIA.- JNMA J Nepal Med Assoc. 2009 Jan-Mar;48(173):52-7.
- [\[Role of the hysteroscopy and laparoscopy in management of the female infertility: about 200 cases\]](#)
AIM: Infertility is a common disease which affects nearly 10% of women at... 6th August, 2009
Service de Gynecologie-obstetrique, CHU La Marsa, Tunis.- Tunis Med. 2009 Jan;87(1):55-60.
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The aim of this paper was to discuss the embryological aspects of... 15th July, 2009
Department of Gynecology and Obstetrics, Faculdade de Medicina,- Sao Paulo Med J. 2009 May;127(2):92-6.
- [Virtual hysterosalpingography and hysteroscopy: assessment of uterine cavity and fallopian tubes using 64-detector computed tomography data sets.](#)
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- [Reproducibility of the interpretation of pelvic x-ray 3 months after hysteroscopic sterilization with Essure.](#)
OBJECTIVE: To estimate the diagnostic accuracy and the interobserver... 23rd June, 2009
St. Antonius Hospital, Nieuwegein.- Fertil Steril. 2009 Jun 19. ([DOI Direct Link](#))



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- 5614638- [Nonionic radiographic contrast agents](#)
- 5624399- [Catheter having an intracervical/intrauterine balloon made from polyurethane](#)
- 5628980- [Nonionic radiographic contrast agents](#)
- 5723305- [Marker for male infertility and/or fertility](#)
- 5760030- [Benzothiophene compounds and methods of use](#)
- 5807239- [Transcervical ostium access device and method](#)
- 5837221- [Polymer-lipid microencapsulated gases for use as imaging agents](#)
- 5853698- [Method for making porous microparticles by spray drying](#)
- 5869024- [Methods and compositions for using non-ionic contrast agents to reduce the risk of clot formation in diagnostic procedures](#)
- 5611344- [Microencapsulated fluorinated gases for use as imaging agents](#)
- 5591846- [Nonionic radiographic contrast agents](#)
- 5568533- [K-filter for serial high-speed rotatography and apparatus for the rotatography](#)
- 5259836- [Hysterography device and method](#)
- 5372584- [Hysterosalpingography and selective salpingography](#)
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- 5437290- [System and method for monitoring intraluminal device position](#)
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- 5979446- [Removable fallopian tube plug and associated methods](#)
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- 6080129- [Method and apparatus for performing hysterosalpingography](#)
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