Clinical Support for the Use of Saline and Air For Tubal Patency and Uterine Structure Evaluation

Hysterosalpingocontrast sonography (HyCoSy/SonoHSG) has been introduced in clinical practice as an effective tool for tubal patency and uterine cavity evaluation. HyCoSy shows high overall accuracy in the evaluation of both tubal patency and uterine cavity morphology. Furthermore, HyCoSy versus fluoroscopy avoids both exposure to ionizing radiation and injection of iodinated contrast medium.[1]

HyCoSy can be performed as an office procedure. Infusing saline directly into the uterus as a homogeneous, echo-free contrast medium enables good visualization of the uterine architecture. Tubal patency can be assessed by using an air saline mixture creating contrast visible along the fallopian tubes and near the ovarian fossas. In fact, compared with RX-HSG, it is equally accurate, but less painful and with no risk of allergic reactions to the contrast medium and with no patient exposure to radiation.[2]

This procedure can be performed in the gynecologist's office and enables accurate and complete evaluation of the uterus, uterine cavity and fallopian tubes. The most simple and inexpensive contrast medium used is saline solution mixed with air. Tubal patency is observed by visualizing the hyperechoic air bubbles traversing the tubal course.[3]

ABBI™ Air Bubble Based Infuser

Ordering Information	
Product Code	Description
ABBI	ABBI (Air Bubble Based Infuser) – 1 per Box, Single Use Disposable
ABBI-Kit	ABBI (Air Bubble Based Infuser) with H/S Elliptosphere Catheter – 1 per Box

1 Marci R, Marcucci I, Marcucci A A, Pacini N, Salacone P, Sebastianelli A, Caponecchia L, Lo Monte G, Rago R, et al: Hysterosalpingcontrast sonography (HyCoSy): evaluation of the pain perception, side effects and complications. *Marci et al. BMC Medical Imaging* 2013, 13:28

2 Graziano A, Lo Monte G, Soave I, Caserta D, Moscarini M, Marci R, et al: Sonohysterosalpingography: a suitable choice in infertility workup. *Journal of Medical Ultrasonics* July 2013, Volume 40, Issue 3, pp 225-229[2]

3 Danielle E. Luciano, MD, Caterina Exacoustos, MD, and Anthony Luciano, MD Contrast Ultrasonography for Tubal Patency, *Journal of Minimally Invasive Gynecology* November/December 2014

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Evaluate Tubal Patency And Uterine Structure In Your Office

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Accurate and Convenient In-Office Tubal Patency Evaluation

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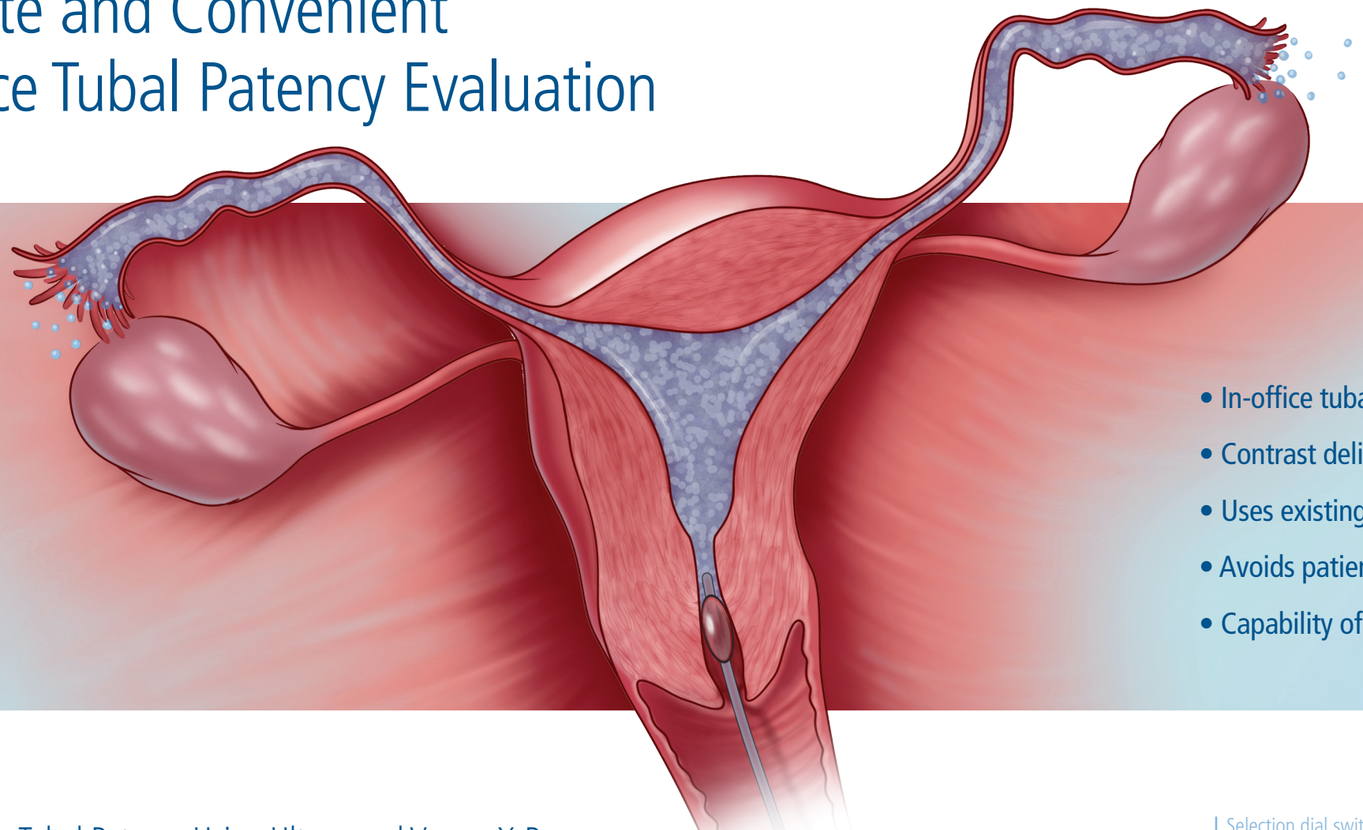

- In-office tubal patency evaluation with Sono HSG
- Contrast delivery with a continuous stream of bubbles
- Uses existing ultrasound and a standard intrauterine catheter
- Avoids patient exposure to radiation and x-ray dyes
- Capability of performing an SIS during the same patient visit

Safely Evaluate Tubal Patency Using Ultrasound Versus X-Ray

ABBI™ (Air Bubble Based Infuser) utilizes ultrasound with a saline and air bubble contrast media to safely evaluate tubal patency. The echogenic air bubbles produced by ABBI will flow continuously through the cornua, fallopian tubes and fimbriae to confirm patency, or pool in the event of tubal occlusion. ABBI provides a minimally invasive procedure by reducing the risk of allergic reaction to radiopaque dyes, and eliminating exposure to fluoroscopy radiation used in traditional HSG.

Dual-Function ABBI also Enables Saline-Only SIS Exam

Additionally, ABBI can be used to perform a saline-only SIS examination to identify abnormalities in the uterine structure including polyps and fibroids that may be interfering with pregnancy.