

梁娜,吴青青,高风云,冯颖,李菁华.三维子宫输卵管超声造影评价输卵管通畅性[J].中国医学影像技术,2013,29(2):256~259

三维子宫输卵管超声造影评价输卵管通畅性

Three-dimensional hysterosalpingo-contrast-sonography evaluation of tubal patency

投稿时间: 2012-09-07 最后修改时间: 2012-11-19

DOI:

中文关键词: [不育](#), [女性](#), [输卵管](#), [超声检查](#), [造影剂](#), [声诺维](#)

英文关键词: [Infertility](#), [female](#), [Fallopian tubes](#), [Ultrasonography](#), [Contrast media](#), [SonoVue](#)

基金项目: 首都医科大学附属北京妇产医院科研基金(201003)。

作者 单位

E-mail

[梁娜](#) [首都医科大学附属北京妇产医院超声科,北京 100026](#)

[吴青青](#) [首都医科大学附属北京妇产医院超声科,北京 100026](#)

wuqingqing2000@yahoo.com.cn

[高风云](#) [首都医科大学附属北京妇产医院超声科,北京 100026](#)

[冯颖](#) [首都医科大学附属北京妇产医院妇产科,北京 100026](#)

[李菁华](#) [首都医科大学附属北京妇产医院超声科,北京 100026](#)

摘要点击次数: 929

全文下载次数: 238

中文摘要:

目的 探讨三维子宫输卵管超声造影(3D-HyCoSy)评价输卵管通畅性的可行性和准确性。方法 选择206例(397条输卵管)不孕症患者,采用造影剂SonoVue及编码造影成像技术进行3D-HyCoSy检查。通过3D-HyCoSy评价输卵管的通畅性,并对其图像质量进行分析。42例患者同时接受腹腔镜下通染液检查,以此为金标准,与3D-HyCoSy结果进行对照分析。结果 96.60%(199/206)3D-HyCoSy图像质量优良,能很好地评价输卵管的通畅性。80条输卵管同时接受腹腔镜下通染液检查,以其结果作为对照,3D-HyCoSy诊断输卵管通畅性的准确率为90.00%(72/80),敏感度为94.83%(55/58),特异度为77.27%(17/22),阳性预测值为91.67%(55/60),阴性预测值为85.00%(17/20);判断输卵管的阻塞部位和阻塞程度的准确率为75.00%(60/80)。结论 3D-HyCoSy有望成为比较理想的评价输卵管通畅性的方法之一。

英文摘要:

Objective To investigate the feasibility and accuracy of three-dimensional hysterosalpingo-contrast-sonography (3D-HyCoSy) for evaluating tubal patency. **Methods** Totally 206 infertile women (397 fallopian tubes) were enrolled. All patients underwent 3D-HyCoSy examination. SonoVue was used as contrast medium, and coded contrast imaging technique was adopted in 3D-HyCoSy. The tubal patency was evaluated, and image quality of 3D-HyCoSy was analyzed. Forty-two patients accepted laparoscopic hydrotubation, and the results were taken as the gold standards for tubal patency for analyzing those of 3D-HyCoSy. **Results** The image quality of 3D-HyCoSy was good in 96.60% (199/206) patients. Compared with results of laparoscopic hydrotubation, the accuracy of 3D-HyCoSy was 90.00% (72/80), sensitivity was 94.83% (55/58), specificity was 77.27% (17/22), positive predictive value was 91.67% (55/60), negative predictive value was 85.00% (17/20). The accuracy of 3D-HyCoSy to determine the tubal occlusive position and degree was 75.00% (60/80). **Conclusion** 3D-HyCoSy is accurate and feasible, which will be used as one of the promising methods for evaluating tubal patency.

[查看全文](#) [查看/发表评论](#) [下载PDF阅读器](#)

您是第6270401位访问者

版权所有:《中国医学影像技术》期刊社

主管单位:中国科学院 主办单位:中国科学院声学研究所

地址:北京市海淀区北四环西路21号大猷楼502室 邮政编码:100190 电话:010-82547901/2/3 传真:010-82547903

京ICP备12000849号-1

本系统由北京勤云科技发展有限公司设计