
CT Virtual Hysterosalpingography

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Prologue

It is with great pleasure that I introduce this book on virtual hysterosalpingography. Virtual hysterosalpingography (VHSG) is a new non-invasive diagnostic technique that allows the evaluation of the entire gynecologic tract in a single study, by combining the benefits of hysterosalpingography with multidetector computer tomography (CT). The advantages of this imaging modality are that the addition of the CT allows an amazing 3-D visualization of the uterine cavity, fallopian tubes, and extrauterine structures, very helpful in the diagnosis of polyps, myomas, uterine anomalies, and tubal pathology with a high degree of accuracy. The images represent what a surgeon would see in the OR and are an invaluable preoperative test. The procedure is simple, quick, and fairly painless and provides maximum imaging of the reproductive organs of the patient.

This book is laid out in a very logical sequence, starting with general information about virtual hysterosalpingography, followed by a description of the technique in detecting pathology of the cervix, uterine cavity, congenital uterine abnormalities, and tubal pathology. The third section covers limitations and diagnostic errors. This book is very practical and filled with beautiful images.

The book is written and edited by the leaders in the field. The editors have vast experience with this new technology, and have performed the largest volume of cases. We congratulate the editors on this excellent contribution to the field of reproductive imaging with this comprehensive review of this new technology. This will be an essential addition to radiologists, reproductive endocrinologists, and gynecologists who would want to learn about or gain experience with this new imaging technique.

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