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Nota di contenuto	Part I. Imaging Techniques. The future of imaging and assisted reproduction / Alan H. DeCherney and Micah Hill ; Ultrasonography: physics and principles / Osama M. Azmy and Karim El-Nahas ; Hysterosalpingography / Shawky Badawy, Stuart J. Singer and Amr Etman ; Fertiloscopy / Antoine Watrelot ; Sonohysterography / William W. Brown ; Diagnostic hysteroscopy / Tony Bazi and Tony G. Zreik ; Ethics of ultrasonography / Osama M. Azmy and Kareem El-Nahas. -- Part II. Ultrasonography in Fertility. 3D ultrasonography and infertility / Jose M. Puente and Juan A. Garcia-Velasco ; Ultrasonography diagnosis of Polycystic Ovary Syndrome / Manubai Nagamani and Rebecca

Chilvers ; Ultrasonography monitoring of infertility in Polycystic Ovary Syndrome / Carolyn J. Alexander ; Ultrasonography of uterine fibroids / Angela Clough and Yakoub Khalaf ; Ultrasonography of the endometrium / Richard Palmer Dickey ; Ultrasonography of the cervix / Mona Aboulghar and Botros Rizk ; Color Doppler imaging of ovulation induction / Osama Azmy and Alaa El-Ebrashy ; Ultrasonography of pelvic endometriosis / Juan A. Garcia-Velasco, Maria Cerrillo and Lia Ornat ; Adenomyosis / Edward A. Lyons ; Congenital uterine malformations / Mona Aboulghar ; Uterine septum / Mohamed Mitwally and Mostafa Abuzeid ; Ultrasonography and incidental ovarian pathology / Dimitrios Siassakos, Valentine Akande and Luciano G. Nardo ; Scrotal ultrasonography in male infertility / Nabil Aziz and Iwan Lewis-Jones ; Transrectal ultrasonography in male infertility / Levent Gurkan, Andrew C. Harbin and Wayne J.G. Hellstrom ; Ultrasonography evaluation of acute pelvic pain / Aimee Eyvazzadeh and Deborah Levine ; Ultrasonography evaluation of chronic pelvic pain / Nicole Brooks and Moshood Olatinwo. -- Part III. Ultrasonography in Assisted Reproduction. Ultrasonography and IVF / Luciano G. Nardo and Tarek A. Gelbaya ; Ultrasonography and hydrosalpinges in IVF / Annicka Strandell and Seth Granberg ; Ultrasonography evaluation of ovarian reserve / Timur Gurgan, Aygul Demiroglu and Suleyman Guven ; Ultrasonography in oocyte retrieval for IVF / Matts Wikland and Lars Hamberger ; Ultrasonography guided embryo transfer: evidence based practice / Gautam N. Allahbadia ; Ultrasonography guided embryo transfer: clinical experience / Mostafa Abuzeid and Botros Rizk. -- Part IV. Early Pregnancy Following Infertility Treatment. First trimester pregnancy failure / William W. Brown ; Ectopic pregnancy / Botros Rizk, Mostafa Abuzeid, Christine B. Rizk, Sheri Owens and Youssef Simaika ; Heterotopic pregnancy and assisted reproduction / Samuel F. Marcus, Essam S. Dimitry, Maria Dimitry, Diana M. Marcus and Botros Rizk ; Cervical pregnancy / Nicole Brooks, Botros Rizk, Brad Steffler, Hany F. Moustafa, Susan L. Baker and Elizabeth Puscheck ; Congenital anomalies and assisted reproductive technology / Mona Aboulghar ; Multiple pregnancy following IVF / James Hole, Kathy B. Porter, Robin Brown, Vicki Arguello, Tiffany Driver and Willie Cotten ; Ovarian hyperstimulation syndrome / Botros Rizk, Christopher B. Rizk, Mary G. Nawar, Elizabeth Puscheck, Juan A. Garcia-Velasco and Hassan N. Sallam.

Sommario/riassunto

Nowhere has the impact of ultrasonography been more dramatic than in reproductive medicine, particularly in the diagnosis of female and male infertility, the management of assisted reproductive procedures and the monitoring of early pregnancy. This authoritative textbook encompasses the complete role of ultrasonography in the evaluation of infertility and assisted reproduction. Covering every indication for ultrasonography in assisted reproductive technology, this will prove an invaluable resource in the evaluation of the infertile patient and optimization of the outcome of treatment. The interpretation of images to improve fertility and reproductive success is emphasized throughout. Ultrasonography in Reproductive Medicine and Infertility is essential reading for clinicians working both in IVF clinics and in office practice. It will be particularly useful to gynecologists, infertility specialists, ultrasonographers and radiologists working in reproductive endocrinology and infertility, assisted reproductive technology, ultrasonography and radiology.
