



Color Doppler Sonography in Gynecology and Obstetrics

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Description

This beautifully illustrated and formatted book covers all of the established and developing indications for the use of color Doppler ultrasound in gynecology and obstetrics.

In gynecology the modality is used to measure blood flow in benign changes of the endometrium as well as malignant tumors of the uterus; screening for ovarian carcinoma, including 3D-power doppler for the assessment of angiogenesis of ovarian tumors; and as an adjunct examination in assessing tumors of the breast.

In obstetrics, the imaging method is useful in screening for gestosis and placental insufficiency in early pregnancy; evaluating the umbilical cord; fetal echocardiography and much more.

More recent developments show the modality to be helpful in infertility diagnosis and reproductive medicine, providing information on the patency of the fallopian tubes, the quality of the vascularization of the uterus and more.

With almost 600 illustrations and 90 useful tables, as well as a text that is highly structured for efficient reading, this text provides practitioners with technical and methodological basics as well as advanced tips for experienced users.