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Titolo	Multiparametric Ultrasound Diagnosis of Breast Diseases // edited by Gennady T. Sukhikh, Alexander N. Sencha
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Descrizione fisica	1 online resource (XI, 328 p. 239 illus., 216 illus. in color.)
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Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Current state of diagnosing of diseases of the mammary gland: contribution of medical visualization technologies -- Ultrasonic examination of mammary glands -- Unchanged mammary glands. Special aspects of structure and variations of ultrasonic imaging -- Ultrasonic multiparametrical diagnosis of non-tumoral pathology (inflammatory, diffusion and degenerate changes) of mammary glands -- Ultrasonic diagnostics of benign tumor masses of the mammary glands -- Multiparametrical examination, basic and innovative techniques of ultrasonic examination in diagnosing of breast cancer -- Mammary glands pathology during pregnancy. Options of complex ultrasonography -- Mammary glands pathology in case of female reproductive system diseases -- Ultrasonic examination of chest glands in men under normal and pathological conditions -- Options of sonography at an early stage of metastatic breast cancer -- An operated mammary gland. A state after plasticity of mammary glands. Options of ultrasonography -- Mammary gland Invasive diagnostic technologies under ultrasound control -- Conclusion.
Sommario/riassunto	This richly illustrated book provides a comprehensive overview of the use of current ultrasound techniques, including contrast-enhanced ultrasound and ultrasonic elastography, in the diagnosis of breast

disease. The advantages and pitfalls of the various imaging modalities are identified, and it is explained how combined use of the modalities – multiparametric ultrasound – aids diagnosis and in particular assists in the differentiation of benign and malignant disease. Readers will find detailed description and illustration of the imaging appearances of age-related features (including in children and adolescents), the most important benign diseases, different forms of breast cancer, mammary gland pathology in the contexts of pregnancy and female reproductive system disease, chest gland pathology in males, and recurrent and metastatic disease. In addition, ultrasound-guided breast interventions and imaging of breast implants are discussed. Specialists in ultrasound diagnostics, radiologists, oncologists, and surgeons will all find this topical book to be both interesting and helpful in daily clinical practice.
