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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Introduction -- The history of the appearance and development of the automatic whole breast sonography (3D ABVS) -- Current state of the 3D ABVS -- 3D ABVS Technique on ACUSON S2000 ABVS -- Clinical application of 3D ABVS for breast studies -- Normal breast.- Fibroadenoma -- Breast cystic disease -- Breast cancer -- Male breast -- Mastitis -- Implants -- Breast scar deformity -- Limitations and artifacts -- Conclusion. .
Sommario/riassunto	This book introduces an exciting new method for breast ultrasound diagnostics – automated whole-breast volume scanning (3D ABVS). Scanning technique is described in detail, with guidance on scanning positions and protocols. Imaging findings are then illustrated and discussed for normal breast variants, the different forms of breast cancer, fibroadenomas, cystic disease, benign and malignant male breast disorders, mastitis, breast implants, and postoperative breast scars. In order to aid appreciation of the benefits of 3D ABVS, comparisons with findings on X-ray mammography and conventional 2D hand-held US are presented. Readers will be especially impressed by the convincing demonstration of the advantages of the new method for diagnosis of breast cancer in women with dense glandular tissue. In enabling readers to learn how to perform and interpret 3D ABVS, this

book will be of great value for all who are embarking on its use. It will also serve as a welcome reference for radiologists, oncologists, and ultrasonographers who already have some familiarity with the technique.

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