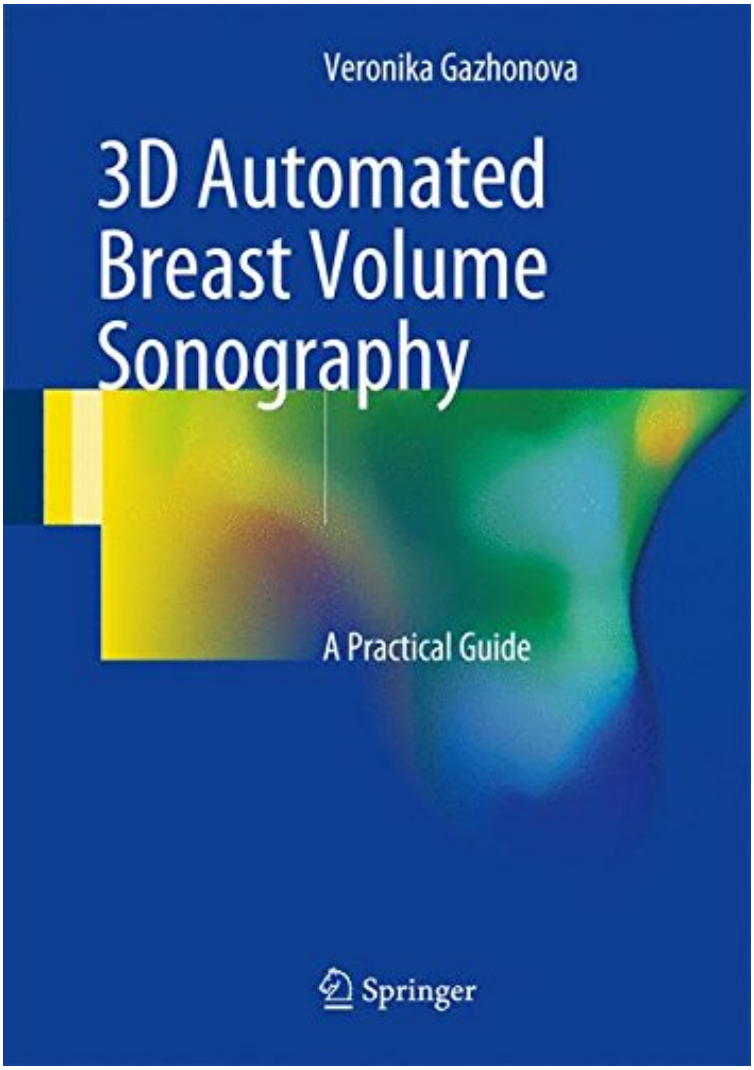
3D Automated Breast Volume Sonography: A Practical Guide

Veronika Gazhonova



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Veronika Gazhonova : 3D Automated Breast Volume Sonography: A Practical Guide before purchasing it in order to gage whether or not it would be worth my time, and all praised 3D Automated Breast Volume Sonography: A Practical Guide:

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.

From the Back CoverThis 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.About the AuthorVeronika Gazhonova, MD, PhD, is a consultant and chief ultrasound specialist at the United Hospital and Policlinic, Moscow, Russia and Professor of Radiology and Chief Radiology Chair in the Postgraduate Medical Education Research Center, President Medical Center, Moscow. Her areas of clinical interest are innovations in breast ultrasonography, including 3D US, sonoelastography, US-guided procedures, and contrast US. She has previously published five books as well as more than 100 articles in Russian journals and 19 publications available via ResearchGate. Dr. Gazhonova is a member of the Russian Association of Radiology (RAR), the European Society of Radiology (since 1991), and the Russian Association of Ultrasound in Medicine and Biology (RAUMB).