

Quantra™ 3d

Breast Density Assessment Software



Quantra™ 2.2

Release Notes

MAN-10815 Revision 001

Hologic®

Quantra™

Breast Density Assessment Software

Release Notes

For Software Version 2.2

Part Number MAN-10815

Revision 001

September 2023

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1: Introduction

The Release Notes provide a listing of product features in the most recent release of the Quantra application.

In addition to these Release Notes, the following resources are available to assist you:

- **Training:** Training is available via E-Learning found under the training section of the Hologic website (www.hologic.com).
- **Website:** The Hologic website (www.hologic.com) provides access to electronic versions of User Guides. For printed copies, contact your Hologic representative.
- **Technical Support and Service:** For information, see the copyright page of this manual.

2: New Features

2.1 Assessment of Parenchymal Tissue Distribution and Texture

The Quantra application provides an estimate of breast density category by analyzing distribution and texture of the parenchymal tissue pattern. Earlier Quantra application versions relied on volumetric breast density for estimation of breast density category.

A new Quantra results Secondary Capture (SC) Image format reflects changes in the Quantra application.

2.2 Quantra Input

The Quantra application supports the following new Hologic image type:

- 15 high-resolution tomosynthesis projection images (Clarity HD high-resolution 3D imaging).

3: Version Changes

3.1 Changes between Version 2.1 and Version 2.2

3.1.1 Parameter and Numerical Results Based on Volumetric Measurements are Removed

The Quantra application no longer provides results for the following:

- Volume of Dense Tissue (Vd)
- Volume of Breast (Vb)
- Volumetric Breast Density (Vbd)
- Area Breast Density (Abd)
- Volumetric Breast Density Reference score (Vbd-score)
- Volume of Dense Tissue Reference Score (Vd-score)
- Quantra Breast Density Category - fractional (qDC)

Instead, the Quantra application provides only the Quantra Breast Density Category (QDC) value of a, b, c, or d, which may correspond to the breast composition categories indicated in ACR BI-RADS® Atlas Fifth Edition.

3.1.2 Per-Image, Per-Breast, and Per-Subject Value Results Removed

The Quantra application no longer provides Per-Image parameter calculation results. For each mammographic study, the Quantra application provides only the Per-Subject Quantra Breast Density Category (QDC) value that represents the value for the denser breast and the QDC value for each breast.