Philips MicroDose Mammography Unified Image Quality Enhancement (UNIQUE) image post-processing lets you choose the image appearance that best meets your needs for diagnostic confidence. With three image processing options that vary in global contrast and contrast for small structures, MicroDose helps you achieve consistent imaging that reflects your reading preference.

A sophisticated image processing technology used consistently across modalities and based on over 100 years of imaging experience, UNIQUE puts all diagnostically relevant information into the image and displays images just the way you want to see them, enhanced for diagnostic confidence.

**Customize your image processing**

At system installation, you can choose one of three UNIQUE image processing options: Unique High Gamma (UniqueHG), Unique High Contrast (UniqueHC), and Unique Strong Contrast (UniqueSC). Each option was developed to respond to common reading preferences based on feedback from radiologists around the world.

* The image processing option should only be changed by a Philips service engineer.

These three variations of the same image show how UNIQUE options enhance detection information by varying global and small structure contrast.
Equal quality, varied contrast

UniqueHG, UniqueHC, and UniqueSC include methods for enhanced contrast in the densest part of the breast. While the image quality is equally high, the differences in contrast can make all the difference in enhancing your comfort with the images.

<table>
<thead>
<tr>
<th>Image processing option</th>
<th>Global contrast</th>
<th>Contrast for small structures</th>
</tr>
</thead>
<tbody>
<tr>
<td>UniqueHG</td>
<td>High</td>
<td>High</td>
</tr>
<tr>
<td>UniqueHC</td>
<td>Medium</td>
<td>High</td>
</tr>
<tr>
<td>UniqueSC</td>
<td>Medium</td>
<td>Very High</td>
</tr>
</tbody>
</table>

Global contrast is the contrast intensity difference between fatty and glandular tissue. Contrast for small structures is the contrast intensity for small image structures (e.g., microcalcifications).

These three close-ups of the same image show how UNIQUE options enhance contrast in the densest part of the breast by varying global and small structure contrast.

Philips MicroDose Mammography delivers superb image quality at low dose, with proven clinical effectiveness, thanks to its unique photon counting detector technology.

References

Please visit www.philips.com/microdose