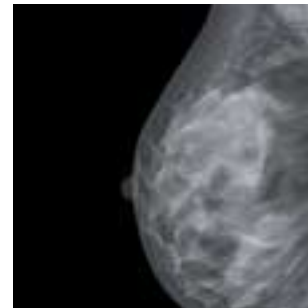


Taking the best and making it better

MUSICA²

Advanced Image Processing Technology



MUSICA², the new standard in image processing

Agfa HealthCare's MUSICA™ – the market's gold standard – has a successor that will offer even better image visualization, greater autonomy and robustness. MUSICA²™ – the new Agfa HealthCare standard in image processing software.

Featuring improved image quality, MUSICA² enhances productivity for both radiologists and technologists. Offering streamlined workflow, MUSICA² automatically analyzes the characteristics of each image and optimizes the processing parameters, independent of user input and dose deviations, saving time and effort.

Standard Image Processing

MUSICA² Image Processing



MUSICA² provides consistently reliable results by automatically analyzing image characteristics and optimizing processing parameters. The need for re- or post-processing is minimized. [The resulting time savings let the technologist focus more on the patients.](#)

MUSICA² analyzes data for both bones and soft tissue separately, eliminating the need to compromise on either contrast or density. [This results in greater detail and improved image quality, allowing the radiologist to extract fast and secure diagnostic information.](#)

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MUSICA²'s image processing has more than just an effect on image quality: it also improves the workflow in the radiology department and delivers consistency in communication.

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“

The optimal image processing influences the workflow at the level of the technologist who no longer needs to specify the type of exam or perform an image quality control at the end.

”

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Only a standardized and optimized image processing can allow both the radiologist and referring physician see the same image.

”

*Professor Dr. G. Marchal
Chairman of the Department of Radiology
University Hospitals of Leuven, Belgium*

Professional education

On this **Professional education**
CD-ROM, you'll find:

- a tutorial on image processing
- a compelling video testimonial
featuring Professor Dr. G. Marchal
- an interactive productivity calculator
- additional background materials
including white papers, presentations
and study results.



Image library



On this **Image library CD-ROM**, you can compare the image quality of standard processing to **MUSICA²**.

Multimedia CD-ROMs for PC

Both CD-ROMs are auto-run – they'll start automatically on your computer.

Minimum system requirements for PC

- Intel Pentium® III processor or compatible
- Microsoft Windows 98/2000/NT 4/XP with 128 MB RAM available
 - 32-bit sound card
 - 32x speed CD-ROM drive
 - 32-bit color screen
- Screen resolution: min. 1024 x 768 pixels

To explore fully the content of the Professional education CD-ROM, you need an Apple QuickTime™ 6 player (or higher). When you insert the CD-ROMs, they will automatically check if you have QuickTime™ 6 player installed. If not, you will be asked to install it from the CD-ROM. Or, you can download the latest version from www.apple.com/quicktime.

37 radiologists in 14 different locations worldwide compared the image quality of standard processing to MUSICA².

95% rated the quality of the images processed with MUSICA² “equal” to “excellent” compared to standard processing,
100% of the MUSICA² observations were rated as diagnostic*.

*Study participants compared 26 pairs of images processed with MUSICA and MUSICA².

MUSICA² special packages

The MUSICA² software was designed to apply automatically the appropriate image enhancement parameters to the image, without requiring that the examination type be predefined. For radiologists who wish to see processed images with an increased emphasis on soft tissue or bone structure, depending on the body part being examined, MUSICA² is available in special packages. Designed for the hospital's specialty areas and departments, MUSICA² special packages are available for thorax, abdomen, and musculoskeletal examinations, both for adults and paediatrics.

Why Agfa HealthCare

Agfa HealthCare is a global leader in the fast growing market of integrated IT and imaging systems, offering healthcare facilities a seamless flow of information and a 360° view of patient care. The company has a unique, holistic approach, enabling it to provide in-depth clinical know-how and fully integrated hospital-wide solutions. These specialized solutions integrate IT and imaging systems for Radiology, Cardiology, Mammography and Orthopaedics. Agfa HealthCare's enterprise-wide IT platform integrates all administrative and clinical data within a healthcare facility and is designed to match the unique needs of specific healthcare professionals.

Agfa HealthCare has over 100 years experience in radiology imaging, and one out of two hospitals worldwide uses Agfa HealthCare customized applications today. The wide range of Agfa HealthCare's solutions, combined with speech technology and integrated IT applications, allows radiologists to keep a clear, accessible, and structured overview of all relevant patient data and images.

The data in this brochure and on these CD-ROMs are for illustration purposes only and do not necessarily represent standards or specifications that must be met by Agfa HealthCare. All information contained here in is intended for guidance purposes only, and characteristics of the products described in this publication can be changed at any time without notice. Products may not be available for your local area. Please contact your local sales representative for availability information. Agfa diligently strives to provide as accurate information as possible, but shall not be responsible for any typographical error. Agfa-Gevaert N.V. has been awarded the ISO 9001 certificate by Lloyd's Register Quality Assurance. The business group HealthCare has been awarded the ISO 13485 certificate for the design, development and production of imaging and communication solutions for healthcare applications. The images used in this brochure are not of diagnostic quality.

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