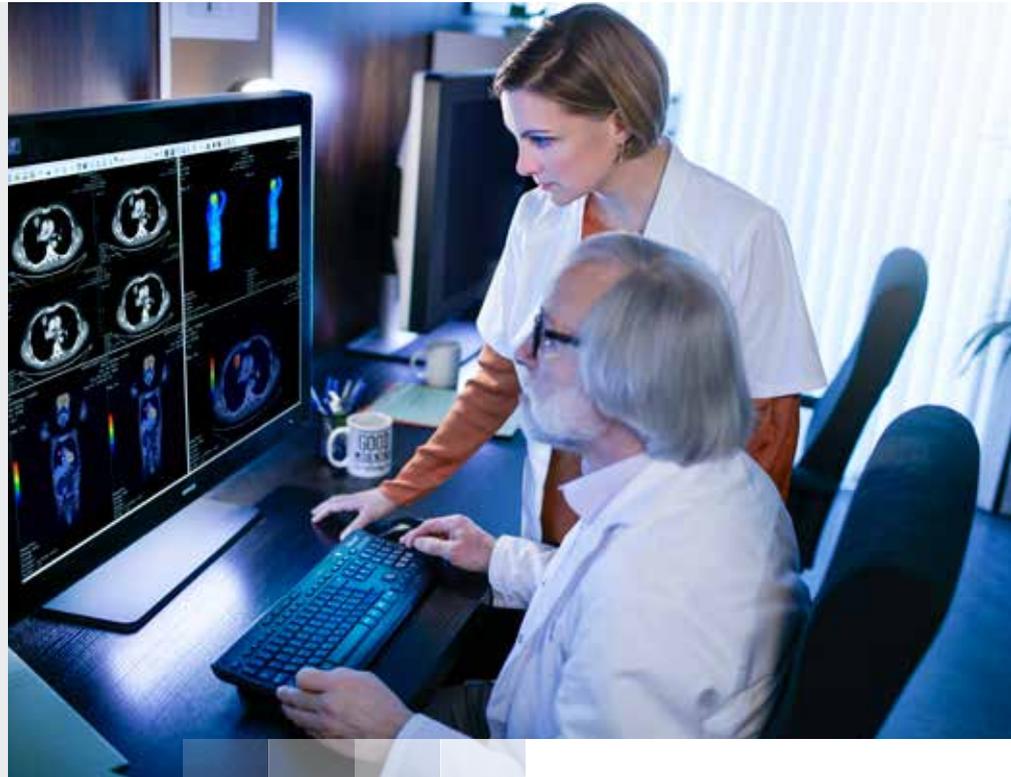


radprax MVZ GmbH, Wuppertal (Germany)

Barco medical displays enable accurate diagnoses

The Coronis Uniti is a remarkable display system with excellent performance and has everything we will need for the future.

Andreas Martin - Radiologist and Managing Partner of radprax MVZ GmbH



BARCO SOLUTION

- 72 display systems including Coronis Fusion, Coronis Uniti®, mammography displays, clinical displays and pathology displays
- MediCal QAWeb

KEY BENEFITS

- Highly durable and reliable with a long product lifespan
- High resolution, exceptional brightness and high contrast
- SpotView™ functionality highlights areas of interest
- Detailed representation of greyscale and color in both static and dynamic images

Normal is different: that's the motto of radprax. As their ultimate focus is on the patient, radprax strives for quality and technology leadership, in terms of both medical processes and equipment. Barco's medical displays and quality assurance platform significantly contribute to radprax's mission.



With twelve branches in eight cities, radprax is one of the largest associations of medical care centers in North Rhine-Westphalia, specializing in radiology, nuclear medicine, cardiology and radiotherapy. Over 60 specialists, about 80 percent of which are radiologists, perform over 400,000 examinations each year. In addition, radprax supports four hospitals by providing radiotherapy and nuclear medical services, and offers other institutes tele-radiological services at night, on weekends and public holidays.

High resolution and contrast

"We have been working with Barco displays for many years with only good experiences," says Radiologist and Managing Partner Andreas Martin. He praises the durability, reliability and service life of the systems – which meet the high quality standards of the center. Radprax has worked with Coronis Uniti since July 2017, mainly for diagnostics in mammography. According to Andreas Martin, this is where its strengths shine: "Resolution, brightness and contrast are the most important quality criteria for monitors, especially in mammography. If not, a tiny micro-calcification cannot be reliably diagnosed. Thanks to its excellent grayscale resolution, the Coronis Uniti offers the highest possible contrast." In addition, a high resolution allows for efficient diagnoses by radiologists. This is supported by the display's short response time, which enables doctors to scroll through images easily and fluidly. Martin also points out the benefits of SpotView: "This tool focuses the radiologist's attention and provides new visual stimuli. This is extremely important for accurate diagnoses."

Superior grayscale and color representation

The Coronis Uniti helps radprax to be future-proof. "Color is gaining in importance," Martin explains. "The monitor can display color images just as well as grayscale images." An example of an increasingly important examination is diffusion tensor imaging, or DTT. This is used to study of the diffusion behavior in brain tissue and allows doctors to accurately estimate the severity of specific central nervous system diseases, such as Alzheimer's and dementia. "High-resolution color images are absolutely required for this," says Martin. "The Coronis Uniti is a remarkable display system with excellent performance and has everything we will need in the future," says radprax's managing partner with confidence. "The potential to view both high-quality grayscale and color images at high resolutions makes it extremely flexible."

Proactive problem solving

radprax has been using Barco's online service for quality assurance to guarantee consistent image quality and uptime of all displays throughout the facilities since 2012. "The QAWeb software is installed on every monitor," explains Martin. "We are informed at an early stage about any potential problems and can intervene proactively." QAWeb also supports radprax with statutory quality management.

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M30507-R00-1217-AN

Technical specifications are subject to change without prior notice. Please check www.barco.com for the latest specifications. The latest version of this brochure can be found on www.barco.com.