



## Achieve Your Goals

Whether you are looking to improve the image quality of your current CARESTREAM Mammography CR System or adding mammography to your imaging facility, the CARESTREAM CR Mammography Cassettes with SNP-M1 Screens can help you achieve your goals. Our SNP-M1 screen utilizes needle phosphor technology to deliver improved image quality. Combine this technology with our CR readers and image processing software and the result is a premium mammography capture solution.

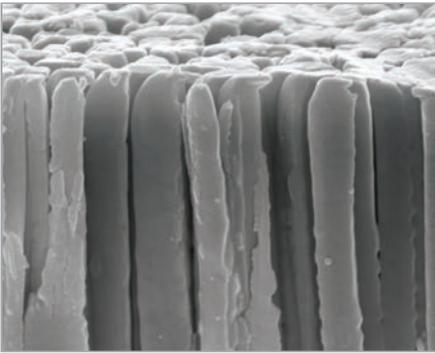
## ADVANTAGES AT A GLANCE

- Excellent image quality with low dose when compared to the previous CR Mammography Cassette with EHR-M3 Screens\*
- High quality, lower cost alternative to FFDM
- Easily integrates into your existing mammography workflow
- Works with your current CARESTREAM DIRECTVIEW CR Systems
- Advanced image processing software

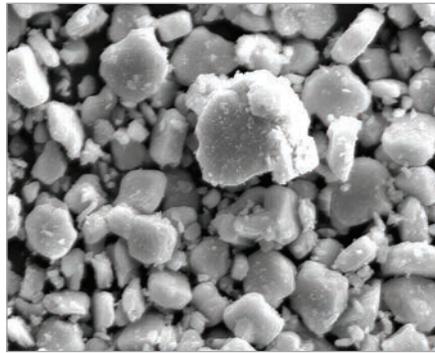


\* In clinical practice, the dose reduction may depend on the clinical task and patient size.

# CARESTREAM CR Mammography Cassettes with SNP-M1 Screens



Needle-shaped phosphor crystals



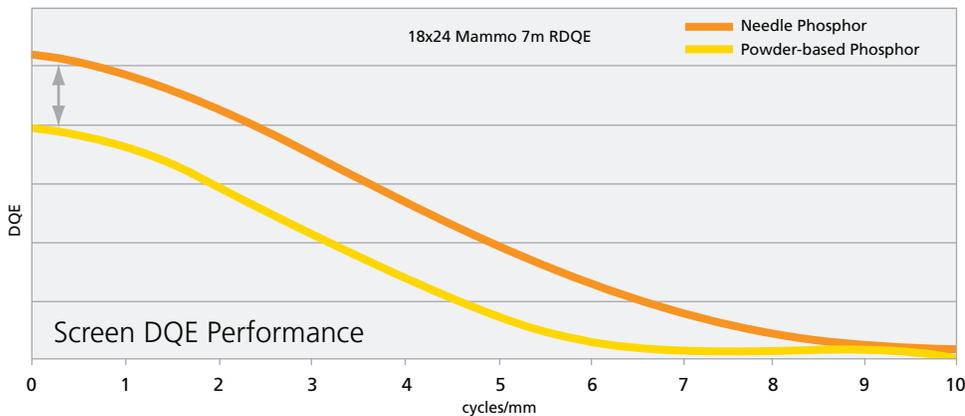
Traditional powder-based phosphor crystals

## The Value Of Structured Needle Phosphor (SNP) Technology

To understand the value, it is important to understand the technology. The needle-shaped phosphor crystals, which are oriented at 90 degrees to the screen surface, reduce the spread of light within the screen, and produce a more uniform screen structure compared to powder-based phosphors. The benefits are improved image quality, increased sharpness, and reduced noise, delivered at a lower dose.

## Enabling Your CR To Work Harder For You

CARESTREAM DIRECTVIEW CR Mammography solution builds and capitalizes on our existing technology to maximize your return on investment. Our CR systems are "needle ready," meaning you do not need to purchase a new reader to enjoy the benefits of needle phosphor screens. Additionally, hardware advancements made available through an upgrade allow you to capture both general radiography with powder-based phosphor screens and mammography images with needle phosphor screens.



## Delivering High Image Quality

Based on feedback from customers like you, we designed our newest version of image processing software to deliver improved sharpness with low noise. Combine that with a DQE that is higher than traditional phosphor technology and you have a high quality, lower cost alternative to FFDM.

## Your Trusted Partner In Mammography

Carestream Health is your trusted partner, providing a suite of products and solutions to support your mammography needs. Whether you are currently using our high quality film products or are interested in transitioning to a fully integrated digital workflow, look to us to support your ultimate goal of providing incredible patient care.

## Required Components For CARESTREAM CR Mammography SNP-M1 Solution

- CARESTREAM CR-SNP Optimization Kit
  - Hardware upgrade
  - Minimum software requirements for the CR Mammography Feature is version 5.4
- CARESTREAM DIRECTVIEW CR Mammography Feature
  - Software license to enable CR System to run the mammography application
- CARESTREAM CR Mammography Cassette with SNP-M1 Screen
  - Choice of 18 x 24 cm and 24 x 30 cm sizes



[www.carestream.com/womenshealthcare.html](http://www.carestream.com/womenshealthcare.html)



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