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Carestream Health announced it has begun shipping its wireless CARESTREAM DRX 2530C small-format digital radiography detector to healthcare providers across the globe. The detector which received FDA clearance several months ago, offers high quality, low dose X-ray exams for pediatric, orthopedic and general radiology applications.

The new cesium iodide detector's smaller size and high DQE (Detective Quantum Efficiency) can enhance care for premature babies and infants in the pediatric ICU. It can also offer lower dose than computed radiography cassettes or gadolinium scintillator detectors.

The 365-bed Children Hospital los Angeles was one of the first facilities to place an order for the new DRX 2530C detector. "We believe this new detector can enhance care by increasing the quality of X-ray images captured of premature babies in our 50-bed neonatal ICU," said Dr. Marvin Nelson, the hospital's Chairman of Radiology. "The ability for technologies and physicians to immediately view images of these fragile patient will also be a dramatic improvement over the processing times required by the CR cassettes we currently use."

The new DRX 2530C detector fits into a tray located underneath an incubator, so it allows technologies to obtain X-ray images to monitor the condition of ill or premature babies without moving them. It is also ideal for tabletop exams such as knee, elbow skull and other exams that may require a patient to hold the detector or require a smaller field of view.

"The DRX 2530C detector is the latest addition to our market-leading family of digital X-ray detectors that includes the DRX-1 detector and DRX-1C detector,"said Diana L. Nole, president, Digital Medical solutions, Carestream. "As we continue to invest in new detector technology, we are simultaneously expanding our family of DRX systems that allow healthcare facilities to retrofit or install new systems for X-ray rooms and mobile imaging."