

Reference

Leonardo DR mini II for the mobile X-ray service to improve health care in the Caribbean island state of Trinidad & Tobago



Mobile X-ray Service Andrew Scarlett

Gulf Coast Radiology Limited
Diagnostics
Crown Point, Trinidad & Tobago
www.gulfcoastradiology.org

 Leonardo DR mini II

Reference

The Practice: The company "Gulf Coast Radiology Limited Diagnostics" is a radiological imaging service based in Crown Point, Trinidad & Tobago and was founded by Andrew Scarlett, the Managing Director. The company has offered mobile X-ray services for both hospitals and home care since early 2019. Due to the light, portable X-ray solution, examinations can now be performed directly at the patient's location. This means that the equipment is brought to the patient and not the patient to the hospital.

Challenges and Motivation:

As a result of the very high demands on the health care system on the Caribbean island, providing a mobile / portable solution is just what was required.

"For me, I realised that there must be innovative and creative solutions to assist patients in need of total quality healthcare" says Andrew Scarlett. "With modern medical technology, processes can be made easier and therefore improved."

The Solution: The idea was born and the search for a mobile X-ray solution began. "Internet research led me to OR Technology and I found exactly what I was looking for," reported Mr. Scarlett. "I decided on the Leonardo DR mini II Portable Suitcase X-Ray Solution. With its sophisticated design, the operational capability and the functions for teleradiology, the portable X-ray case convinced me immediately."

Benefits for Day-to-Day Radiography:

The Leonardo DR II mini can be used to support both stationary and ambulatory patient care in the homecare sector.

Further information is available under
www.or-technology.com



Managing Director Andrew Scarlett



The use of the mobile X-ray service reduces the necessity for transport and the associated stress for patients, relatives and medical staff. The patients are protected from possible infections in the hospital.

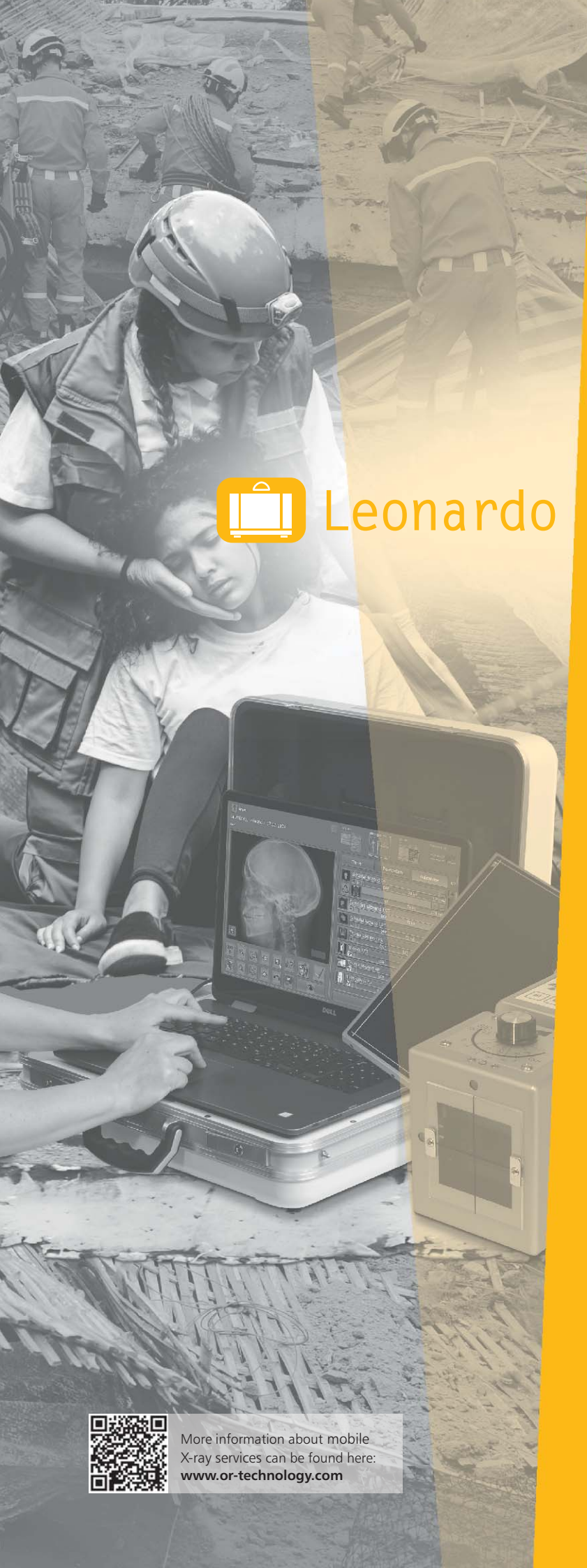
The X-ray unit is equipped with the latest technology. With its approx. 8.9 kg it is one of the lightest X-ray systems worldwide. The convenient case with the shock-absorbing, dirt-resistant coating can also be easily transported with the supplied sholder strap. The X-ray images are available within seconds and can be sent to the referring physicians via cloud or email and be evaluated by the radiologist. The integrated software with a practical X-ray assistant for correct adjustment technology supports daily work.

Mr. Scarlett says: "The image quality is excellent. The images can be sent to the PACS server without any problems. The connection to our practice management system Nexus EHR works seamlessly. Using the *dicomPACS®DX-R* software I get along great. It offers many additional functions. I particularly like the calculation of the Cobb angle and the pelvic obliquity measurement."

Installation and maintenance: The process from the decision for the X-ray system to its first use was relaxed. Throughout the entire period, the mobile X-ray service in Trinidad & Tobago was and is very well advised and supported by OR Technology. The daily support works well.

In conclusion, Andrew Scarlett said: "I am very happy with the Leonardo DR mini II portable X-ray case system and its excellent diagnostic imaging features and I unreservedly recommend it to any person, unit or institution practicing diagnostic medical imaging".





Leonardo

The compact suitcase solution for small medical stations and mobile use in medical emergencies

DR mini II

The newest model in our Leonardo series, the compact and versatile Leonardo DR mini II, combines X-ray detector technology with a high-performance acquisition and diagnostic software. Weighing only 8.9 kg, the system is one of the lightest suitcase X-ray solutions worldwide. The suitcase system is the perfect solution for both stationary and portable radiography for small medical stations, for the homecare sector or for health care within the scope of missions of various medical services, aid organisations or NGOs.

The Leonardo DR mini II is quick to set up and easy to use. Its built-in 17" premium notebook with high resolution touchscreen monitor as well as integrated acquisition and diagnosis software guarantees excellent image display. The X-ray suitcase has two large LEDs clearly visible even from a distance of several meters. These LEDs indicate the software status, such as "Ready to expose". In addition, a signal tone sounds when the status changes. The software provides global, rapid and inexpensive consultations via ORCA® cloud services or email. In an emergency, X-ray images can be transferred to a specialist for an exact diagnosis if there is no specialist on site.

 **OR Technology**

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More information about mobile X-ray services can be found here:
www.or-technology.com