

## Health Canada Licenses World's First Twin Robotic X-ray System from Siemens Healthineers

- **World's first Twin Robotic X-ray system has uses in radiography, fluoroscopy and angiography, with 3D imaging capabilities**
- **Multi-clinical applications include trauma, orthopedics, interventions, and pain management**
- **System rounds out Siemens Healthineers offering of complete MAX portfolio of X-ray systems in Canada**

Health Canada has licensed for sale Siemens Healthineers' Multitom Rax (Robotic Advance X-ray), a universal diagnostic imaging system that enables a wide range of examinations in multiple clinical areas – from emergency medicine and interventional, to pain management and orthopedics, and from conventional 2D radiography to fluoroscopy examinations and angiography applications – all in one room using one X-ray system. The world's first Twin Robotic X-ray system, the Multitom Rax boasts a unique design that enables, for the first time, the acquisition of 3D natural weight-bearing images.

"With the Multitom Rax, Siemens is proud to introduce the world's first Twin Robotic X-ray system," says Richard Newman, Business Manager, X-ray Products. "This universal X-ray system delivers unprecedented versatility for health care facilities. Now, clinicians can perform a multitude of imaging exams in one room without moving the patient. With the Multitom Rax, we're opening a new chapter in X-ray technology."

### Full suite of X-ray products now available in Canada

The introduction of the Multitom Rax means the full range of Siemens Healthineers' MAX X-ray systems is now available in Canada.

The MAX portfolio is an exclusive family of X-ray solutions providing the broadest range of products and applications. Offering mobile X-ray, mid and high-end radiology, two-in-one remote fluoroscopy and dual use patient-side fluoroscopy, and now Twin Robotic X-ray, the Siemens Healthineers MAX family is the only solution on the market to provide one platform across such a wide range of radiography and fluoroscopy systems.

"We are extremely pleased to be able to offer the complete MAX portfolio in Canada," said Richard Newman. "We are offering our customers standardization in terms of usability, image impression and detector platform for example, all designed to facilitate new

technology introduction.”

### Features of the Multitom Rax

- **Robotic precision in X-ray**

The unique open design of the Multitom Rax Twin Robotic X-ray system features a height-adjustable patient table and two independent, ceiling-mounted robotic arms for the X-ray tube head and the flat-panel detector for almost unlimited positioning freedom anywhere in the room. Both robotic arms can be moved into position automatically or manually with servo motor support to make fine adjustments. While one robotic arm moves the X-ray tube, the other arm carries the 43cm x 43 cm flat panel detector, which can acquire static, dynamic, and Real 3D sequences. The operator is always in control of the system’s movement and able to position both robotic arms precisely and safely around the patient.

- **3D imaging helps enable diagnostic certainty**

The Multitom Rax Twin Robotic X-ray system enables, for the first time, the acquisition of 3D images under the patient’s natural weight-bearing condition. With Multitom Rax, you have unique options for determining the malpositions and the cause of pain. Acquire Real 3D images, in the position where your patient feels pain: lying, sitting, or standing. Real 3D helps you gain new insights, increase the accuracy of your diagnosis and treatment planning, and spare your patients additional pain – while accelerating your procedures.

Conventional 2D X-rays do not always reveal fine hairline fractures in the bone. In cases of a suspected bone fracture, the patient historically has required a computed tomography (CT) 3D image to confirm the diagnosis. With the Multitom Rax Twin Robotic X-ray system, a 3D image can be acquired on the same system, so the patient does not have to wait for a future appointment or be transferred to a CT system.

<sup>2</sup>Numbers are based on internal measurements / data. IN NO EVENT DOES SIEMENS MAKE (i) ANY EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO ANY USE OF THIS DEVICE (ii) ANY GUARANTEES REGARDING ACTUAL RESULTS (E.G., PROFITS, CASH FLOW OR RETURN ON INVESTMENT), WHICH WILL VARY BASED ON NUMEROUS FACTORS OUTSIDE THE CONTROL OF SIEMENS. In addition, actual revenues and expenses will vary depending on the specific operating costs, types and number of procedures performed, reimbursement amounts and many other factors of an institution. Prior to the expansion of service and the acquisition of any medical equipment, each institution should consider seeking independent advice (including financial and legal advice) with respect to current and future demand for healthcare services as well as the assumptions necessary to complete the actual calculation.

Further information about the MAX family of X-ray systems and the Multitom Rax can be [found here](#).

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