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## **MRI SIMULATIONS WILL BE THE KEY DRIVER FOR SOLVING THE NEXT CHALLENGES IN MEDICAL IMAGING AND MRI**

*The innovative Virtual MRI Scanner for improving skills and accelerating experience in real MRI scanning*

Stockholm , Sweden November 2022

- The Magnetic Resonance Imaging (MRI) technique is unique within medical imaging with its seemingly infinite number of possible outcomes in the resulting images. When it comes to running MRI, it is essentially a balance act between contrast, image quality and scan time. There are of course other factors to consider as well, such as patient safety through SAR, but the above three form the baseline of how to operate a MRI scanner. If a patient could spend infinite time within the scanner,

images with perfect quality and contrast could be acquired. However, as time is limited, trade-offs must be made in order to acquire the required image in the shortest amount of time possible.

The virtual MRI scanner provides access to students and professionals for unlimited MRI training and hands-on experience, this will improve the scanning and this is crucial to improve quality care.

Training on our simulator is at least 95% more cost-efficient than using real scanners.

**“Virtual Scanning As Close To The Real Thing As You Can Get”** according to associate Professor Theodoros Karamitsos – The Corsmed Virtual MRI scanner allows assessing of the effectiveness of team training and its impact on patients call back and completion rates for their MRI examinations, all without impacting the daily activities and duties on the real scanners. *Practice, experience and learning* are the key values of our educational platform, together with simulating images by utilizing a process used in real scanners. Thanks to the intelligent data processing implemented and the vendor neutral interface adopted, today it is possible to simulate any body part and scan procedure providing the users with a true 1:1 experience.

**“Train, practice and learn in the same way as on a real MRI scanner – anytime, anywhere”** – Easy access is granted through the cloud without any dedicated hardware needed. The Corsmed Virtual MRI scanner provides the unique opportunity to set and change physical parameters available in MRI (such as magnetic field strength, gradient strength, etc.)

COME AND VISIT US AT **RSNA 2022 ON BOOTH 3849, SOUTH HALL LEVEL 3** TO DISCOVER HOW LEARNING IS BETTER AND FASTER WITH THE WORLD’S ONLY TRUE MRI SIMULATOR.

We believe that MRI imaging will have the greatest impact on future healthcare. With the Corsmed MRI simulator physicians, radiologic technologists, researchers, and other medical professionals can get access to enhance their skills. We are working towards preventative- and precision medicine which will improve the outcome for patients to have a healthier, better and longer life.

**ABOUT CORSMED:** Corsmed, based in Stockholm Sweden, is an innovative technology company backed with more than 8 years of research. The leader in MRI simulations and named one of the most innovative Med Tech companies in Sweden & Europe. Corsmed now holds the “Gold Award” for winning, three years in a row, a place within the Ny Teknik 33-listan\*, an annual list of 33 outstanding young innovation companies in Sweden that will change their industries.

**For more information contact:**

Gaetano Fiumanò, [marketing@corsmed.com](mailto:marketing@corsmed.com)

\*<https://www.nyteknik.se/special/33-listan-2022-har-ar-sveriges-framsta-techstartups-7039212>