

(=) U.S. markets closed

S&P 500 4,505.10 +37.66 (+0.84%)	Dow 30 34,907.11 +331.58 (+0.96%)	Nasdaq 13,926.05 +112.47 (+0.81%)	Russell 2000 1,866.63 +25.79 (+1.40%)	Crude Oil 90.56 +0.40 (+0.44%)	Gold 1,931.80 -1.00 (-0.05%)
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CISION

Insight Medbotics Announces World's First FDA-Cleared, MRI-Compatible Robot



PR Newswire

Wed, September 13, 2023 at 7:55 AM EDT · 3 min read



The IGAR system is the first and only robotic guidance and placement system cleared to work inside an MRI bore, one of the most challenging hospital environments



HAMILTON, ON, Sept. 13, 2023 /PRNewswire/ - Insight Medbotics, a medical device company combining the accuracy of MRI with the precision of robotics, today announced a successful 510(k) clearance from the U.S. Food and Drug Administration (FDA) for the IGAR system, the company's MRI-compatible robot. The clearance applies to breast biopsy indications.

IGAR is the first and only robotics system designed to work inside an MRI bore to achieve this regulatory clearance. The MRI suite is among the most challenging hospital environments because the MRI device uses strong magnetic fields and has a confined working area for physicians. The IGAR technology platform may be adapted for future products that could move seamlessly across different care environments, such as from an MRI to a standard operating room or into a physician's office.

Insight Medbotics has demonstrated IGAR's safety and efficacy through published clinical studies in breast biopsy. The technology's other possible applications include targeting other organs and disease indications, along with therapeutic delivery and device placement.

"Our team has long believed in the untapped potential of accessible MRI imaging, artificial intelligence and robotics together to improve quality of life for patients," says Fazila Seker, CEO of Insight Medbotics.

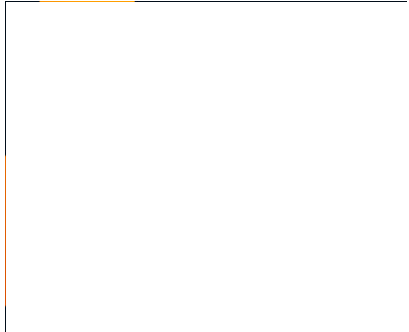
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The IGAR system is the brainchild of a unique combination of world-class experts in surgery and robotics. Its story begins with Professor Mehran Anvari, a surgical robotics pioneer and the scientific director and CEO of the Centre for Surgical Invention and Innovation (CSii). His team funded the preliminary human trials for IGAR, collaborating with world-leading robotics engineers from MDA—Canada's leading space company—to create and test the device's first prototypes. MDA is

Story continues



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