Medtronic News

Announcing the launch of Medtronic Neurovascular Co-Lab™ Platform to accelerate innovation in stroke treatment

New Medtronic Neurovascular Co-Lab™ Platform drives collaboration and connections among start-ups, physicians, and institutions; aims to improve stroke treatment and access for patients worldwide

DUBLIN, Oct. 26, 2022 /PRNewswire/ -- Medtronic plc (NYSE: MDT), a global leader in healthcare technology, today announced the launch of Medtronic Neurovascular Co-Lab™ Platform designed to accelerate urgently needed innovation in stroke care and treatment.

The company is harnessing its market-leading position and trusted partner reputation to create a platform that will ultimately advance technology concepts that have the highest potential to positively impact millions of stroke patients. Innovators, entrepreneurs, and physicians will be able to collaborate, enhance, and share their breakthrough concepts and products. With the launch of Medtronic Neurovascular Co-Lab™ Platform, Medtronic is deepening its commitment to advance stroke innovation as the world prepares to recognize World Stroke Day on October 29, 2022.

"We need to act now to prioritize the best concepts and strongest products to ensure they reach more patients sooner," said Dan Volz, president of the Medtronic Neurovascular business, which is part of the Neuroscience Portfolio. "Clinicians and innovators are passionate about improving stroke care, and the neurovascular technology market is brimming with ideas, improvements, and would-be therapies in need of development. Our platform will provide both an infrastructure and a process to realize viable opportunities on a previously unmatched scale."

Medtronic Neurovascular Co-Lab™ Platform will help bring neurovascular innovations to life. The process will be both transparent and collaborative, ensuring opportunities advance effectively and responsibly. The platform will be launched on October 29, World Stroke Day.

"What's fascinating about the neurovascular field is that we still have so much to discover about the brain. Medtronic has always invested in innovative stroke treatment technologies leading the standard of care and advancing the practice of neurosurgery," said Brett Wall, executive vice president and president of the Medtronic Neuroscience Portfolio. "The neurovascular market has enormous growth potential, and we invite innovative start-ups, physicians, venture-capital firms and inventors to collaborate with us as we set out to change stroke care as we know it today. With more than 90,000 employees across 150 countries – combined with our proven record in stroke innovation – Medtronic is positioned well to help address this urgent challenge."

Medtronic Neurovascular Co-Lab™ Platform is an always-on virtual portal for innovator submissions, which are then assessed and prioritized to determine a potential path forward. Chosen opportunities will be advanced based on their individual needs, including exposing innovators to Medtronic's network of experts, thought leaders and partners for collaboration, clinical study funding, and strategic and directional guidance.

Medtronic welcomes innovations at every stage of development to move them to the next level; however, high-priority opportunities are high-potential, late-stage clinical and commercial-stage products and technology, followed by physician-led improvements to existing products. To learn more, or input a submission, please visit Medtronic Neurovascular Co-Lab™ Platform at www.medtronic.com/neurovascular-co-lab.

About the stroke challenge

Advancing stroke care is critical and urgent. Globally, 15 million people suffer from stroke annually. Of those, 5 million people

die and another 5 million are left permanently disabled.[1] Yet, the second leading cause of death and the third leading cause of disability globally often goes untreated.[2] Most people experience ischemic strokes in which blood flow to the brain is blocked by a clot. Studies indicate that only about 10 to 14 percent receive clot-dissolving treatment that can stop the onset of stroke symptoms.[3]

Furthermore, the use of mechanical thrombectomy, a surgical treatment for stroke and the standard of care for large vessel occlusion strokes remains extremely low. In the U.S., the 2019 estimate of thrombectomies was below 40,000, while the number of patients who could benefit from thrombectomy was between 200,000 and 350,000.[4]

About the Neurovascular business at Medtronic

With the largest neurovascular technology business in the world, Medtronic Neurovascular led evidence-based medicine in neurointervention with five landmark studies published in *The New England Journal of Medicine in 2015*. Its clinical and regulatory leadership and bold approach shaped the current guidelines for treating strokes.[5]

About Medtronic

Bold thinking. Bolder actions. We are Medtronic. Medtronic plc, headquartered inDublin, Ireland, is the leading global healthcare technology company that boldly attacks the most challenging health problems facing humanity by searching out and finding solutions. Our Mission — to alleviate pain, restore health, and extend life — unites a global team of 90,000+ passionate people across 150 countries. Our technologies and therapies treat 70 health conditions and include cardiac devices, surgical robotics, insulin pumps, surgical tools, patient monitoring systems, and more. Powered by our diverse knowledge, insatiable curiosity, and desire to help all those who need it, we deliver innovative technologies that transform the lives of two people every second, every hour, every day. Expect more from us as we empower insight-driven care, experiences that put people first, and better outcomes for all. In everything we do, we are engineering the extraordinary. For more information on Medtronic (NYSE:MDT), visit www.Medtronic.com and follow @Medtronic on Twitter and LinkedIn.

Any forward-looking statements are subject to risks and uncertainties such as those described in Medtronic's periodic reports on file with the Securities and Exchange Commission. Actual results may differ materially from anticipated results.

References:

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