

Our Vision

Empowered by movement, people with spinal cord injuries will enjoy life in the ways that matters to them

Company Profile

ONWARD® Medical is a medical technology company creating innovative therapies to restore movement, function, and independence in people with spinal cord injuries (SCI)

ONWARD Medical's work builds on more than a decade of basic science, pre-clinical, and clinical research conducted at the world's leading neuroscience laboratories

Note: 1EUR = 1.1USD

Investment Highlights

- Three pioneering neurostimulation platforms designed to address large unmet needs; large potential market (\$20B+ / €19B)
- ARC^{EX} System received FDA De Novo classification and US market authorization Dec 2024
- Pivotal trial results published in *Nature Medicine*, May 2024
- Leader in developing Brain Computer Interface (BCI) enabled therapies

ARC Therapy

- Targeted, programmed spinal-cord stimulation to restore movement and other functions in people with spinal cord injury

- Delivered by three purpose-built neuromodulation platforms

ARC^{EX}® delivers ARC Therapy™ externally through the skin

ARC^{IM}® delivers ARC Therapy via a fully implanted system

ARC^{BCI}™ pairs ARC^{IM} with an implanted brain-computer interface to restore thought-driven movement via our wireless DigitalBridge™

- 10 FDA Breakthrough Device Designation awards
- Strong and growing IP portfolio with 270+ issued patents¹

¹Includes EP country validations



Note: ARC^{EX} and ARC^{BCI} are investigational devices, not available for commercial use. The ARC^{EX} System is intended to deliver programmed, transcutaneous electrical spinal cord stimulation in conjunction with functional task practice in the clinic to improve hand sensation and strength in individuals between 18 and 75 years old that present with a chronic, non-progressive neurological deficit resulting from an incomplete spinal cord injury (C2-C8 inclusive).

[▶ Watch the video](#)

Pipeline

Platform	Indication	FDA BDD ²	Pre-Clinical	Human PoC	Clinical Feasibility ³	Pivotal	Commercial
ARC ^{EX}	Upper Limb	✓	○	○	○	○	○
ARC ^{IM}	Blood Pressure	✓	○	○	○	○	○
ARC ^{IM}	Mobility / Second Indication	✓	○	○	○	○	○
ARC ^{EX}	Mobility	✓	○	○	○	○	○
ARC ^{IM}	Parkinson's - Mobility	✓	○	○	○	○	○
ARC ^{IM}	Bladder	✓	○	○	○	○	○
ARC ^{BCI}	Mobility	✓	○	○	○	○	○
ARC ^{BCI}	Upper Limb	✓	○	○	○	○	○
ARC ^{DBS}	Mobility	✓	○	○	○	○	○

✓ BDD Granted² ○ Current Roadmap ○ Label Expansion ○ Platform Expansion ● Short and medium term focus ○ Funded primarily through grants and research partners

¹Note: The company may modify the pipeline based on clinical progress and marketplace considerations
²BDD = FDA Breakthrough Device Designation. ONWARD has been granted four additional BDDs for ARC^{EX} Bladder, ARC^{EX} Blood Pressure, ARC^{EX} Spasticity and ARC^{EX} Spasticity
³Includes both early feasibility (typically before device design finalized) and feasibility (near-final or final device design) studies
⁴Funded by Christopher & Dana Reeve Foundation grant

Next 12 Months Milestones & News Flow

ARC^{EX}

FDA authorization US (Hand sensation & strength)

ARC^{EX}

First commercial sale US (Hand sensation & strength)

ARC^{EX}

Home use submission US (Hand sensation & strength)

ARC^{EX}

Home use authorization US (Hand sensation & strength)

ARC^{EX}

MDR submission EU (Hand sensation & strength)

ARC^{EX}

CE mark EU (Hand sensation & strength)

ARC^{EX}

First commercial sale OUS (Hand sensation & strength)

ARC^{IM}

IDE submission

Empower BP pivotal study (Blood Pressure)

ARC^{IM}

IDE approval

Empower BP pivotal study (Blood Pressure)

ARC^{IM}

First participant enrollment

Empower BP pivotal study (Blood Pressure)

ARC^{IM}

First-in-human⁶ (Bladder)

ARC^{BCI}

Additional implants⁷ (Upper Limb & Mobility)

Note: All platforms and therapies are for investigational use only
⁶Funded by Michael J. Fox Foundation for Parkinson's Research grant
⁷Funded by Christopher & Dana Reeve Foundation grant
⁸Funded by European Innovation Council and Christopher & Dana Reeve Foundation grants

Key Financial Information

- Successful IPO, October 2021, with strong shareholder base and access to equity capital and debt financing
- Euronext Brussels, Amsterdam and Paris; Ticker Symbol: ONWD; Market Segment: Medtech
- Equity research coverage by Stifel, Bryan, Garnier & Co, KBC Securities, Degroof Petercam and Kepler Cheuvreux
- Cash position 22 November - €65.8M net cash⁸

Financial Calendar 2024

Note: 1 EUR = 11 USD
⁸Net cash is defined as the sum of cash and cash equivalents and fixed term deposits included in the current assets as included in consolidated statement of financial position in the Financial Statements

About Us

Seasoned Management Team

Dave Marver CEO

Rob Ten Hoedt Incoming Chairman of the Board

Erika Ross Ph.D. VP Clinical, Regulatory & Quality

Julien Camisani VP Engineering

Bob Odell VP Operations

Amori Fraser Finance Director

Alexandre Casteau Head of Strategy & Corporate Development

International Presence

~100 FTEs collectively working to create therapies that change lives

Headquartered in the Netherlands, with a science and engineering hub in Switzerland, and a US office in Boston, Massachusetts

Key Partners

- Academic partnership with .NeuroRestore, a collaboration between the Swiss Federal Institute of Technology (EPFL) and Lausanne University Hospital (CHUV)
- Christopher and Dana Reeve Foundation is a strategic investor and Michael J. Fox Foundation is a grantor
- Licensing agreements with CEA-Clinathec, Caltech, the University of California, and other leading neuroscience research institutions

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These forward-looking statements are based on the current expectations, beliefs and assumptions of the Company's management and on information currently available to management and are not predictions of actual performance or further results. Forward-looking statements are subject to risks and uncertainties, and actual results may differ materially from those expressed or implied in the forward-looking statements. Forward-looking statements speak only as of the date they are made, and the Company assumes no duty to and does not undertake to update forward-looking statements. Actual results could differ materially from those anticipated in forward-looking statements and future results could differ materially from historical performance.

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