

Our Vision

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

Company Profile

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

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

Investment Highlights

- Two pioneering neurostimulation platforms designed to address large unmet needs; large potential market (\$20B+ / €19B)
- Positive pivotal study data published in September 2022
- Leader in developing Brain Computer Interface (BCI) enabled therapies

Note: 1 EUR = 11 USD

ARC Therapy

- Targeted, programmed spinal-cord stimulation to restore movement and other functions in people with spinal cord injury
- Delivered by external (ARC^{EX}) or implantable (ARC^{IM}) technology platforms using personalized stimulation programs
- 10 FDA Breakthrough Device Designation awards
- Strong and growing IP portfolio with 240+ issued patents¹

¹Includes EP country validations

▶ [Watch the video](#)



Pipeline

Platform	Indication	FDA BDD ²	Pre-Clinical	Human PoC	Clinical Feasibility ³	Pivotal
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 ^{IM} BCI	Mobility	✓	○	○	○	○
ARC ^{IM} 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

Note: 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} Blood Pressure, ARC^{EX} Spasticity and ARC^{IM} 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



Upcoming Milestones & News Flow

2024

ARC^{EX}**Up-LIFT pivotal study manuscript publication** (Upper Limb)**ARC^{EX}****Regulatory clearance submission** (Upper Limb)**ARC^{EX}****FDA clearance** (Upper Limb)**ARC^{EX}****First commercial sale** (Upper Limb – US)**ARC^{IM}****First participant enrollment⁵**

Early feasibility study (Parkinson's Mobility)

ARC^{IM}**Interim results publication** (Blood Pressure)**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^{IM}BCI****Additional implants⁷** (Upper Limb & Mobility)Note: All platforms and therapies are for investigational use only⁵Funded by Michael J. Fox Foundation for Parkinson's Research grant⁶Funded by Christopher & Dana Reeve Foundation grant⁷Funded by European Innovation Council and Christopher & Dana Reeve Foundation grants

Key Financial Information

- Successful IPO, October 2021, and over \$170M / €150M in funding since inception
- Euronext Brussels & Amsterdam; Ticker Symbol: ONWD; Market Segment: Medtech

- Coverage: Bryan Garnier, Kepler Cheuvreux, Degroof Petercam, KBC Securities

- Cash Position 30 September 2023 – €36.8M net cash⁸

Financial Calendar 2024Note: 1 EUR = 11 USD⁸Net 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**John Murphy** Ph.D. CTO**Grégoire Courtine** Ph.D. CSO**Khaled Bahi** Interim CFO

Strong International Team

~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
- Licensing agreements with Caltech, the University of California, and other leading neuroscience research institutions

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