GUIDING THE INITIAL PHASES OF ARM AND HAND FUNCTION RECOVERY
The ArmeoPower has been specifically designed for arm and hand therapy in an early stage of rehabilitation.

The device enables even patients with severe movement impairments to perform exercises with a high number of repetitions (high intensity), which is paramount for relearning motor function.

LEARN FROM YOUR PEERS!

For more information about Clinical Evidence, Education and Experiences with Hocoma solutions visit knowledge.hocoma.com
ARM WEIGHT SUPPORT IN AN EXTENSIVE 3D WORKSPACE

The ArmeoPower is the world’s first commercially available robotic exoskeleton for upper extremity rehabilitation. The six actuated degrees of freedom allow training in an extensive 3D workspace.

MOTIVATING EXERCISES

An extensive library of game-like Augmented Performance Feedback exercises has been designed to train core movement patterns that are commonly used in activities of daily living.

INCREASED THERAPY EFFICIENCY

The Armeo devices improve therapy efficiency by reducing the therapist’s physical effort and the need for continuous therapeutic guidance.

OBJECTIVE ASSESSMENTS

Standardized Assessment Tools evaluate the sensor and motor data to investigate specific patient function including movement ranges and forces. The results can be used to analyze and document the patient’s state and therapy progress in order to further optimize therapy.

HAND FUNCTION TRAINING (OPTIONAL)

Enables severely impaired patients to relearn hand opening and closing. Enables patients to train reaching and grasping with assist-as-needed support from shoulders to fingers.

PART OF A MODULAR THERAPY CONCEPT

The ArmeoPower is part of the unique and modular Armeo Therapy Concept, the world’s first upper extremity concept that covers the whole “Continuum of Rehabilitation” throughout a range of devices, each developed for a specific stage of rehabilitation—from acute rehabilitation to long-term recovery.
WHAT EXPERTS SAY

Prof. Alberto Esquenazi
Chief Medical Officer, MossRehab, USA

"We know that patients with hemiparesis will greatly benefit from integrated movement rehabilitation techniques, but we had no concrete options for this approach so far. But now, ArmeoPower offers us for the first time a technology that enables us to achieve this goal by intelligently supporting the complete movement chain from the shoulder to the fingers."

WHAT PATIENTS SAY

Samuel Pace
Patient

"My arms had very limited movement and as the time went on with the machine I got a lot more movement. I know it worked!"
DIMENSIONS
- Device’s dimensions [L x W x H]: 2.05 m × 0.78 m × 1.66 m (80.7 in × 30.7 in × 65.4 in)
- Weight: approx. 205 kg (451.9 lb)

ROOM REQUIREMENTS
Space [L x W x H]: 2.70 m × 3.50 m × 2.00 m (106.3 in × 137.8 in × 78.7 in)

ADAPTABLEITY TO PATIENTS
- Electric lifting column for comfortable height adjustment (range: 400 mm / 15.7 in)
- Continuous adaptation to patient’s dimensions
  - forearm lengths (elbow to handgrip): 310 – 420 mm (12.2 – 16.5 in)
  - upper arm lengths (shoulder to elbow): 250 – 340 mm (9.8 – 13.4 in)
- Continuous adaptation of weight compensation force to patient’s needs
- System platform compatible with commonly used wheelchairs
- Max. patient weight 135 kg (297.6 lb)

OPTIONAL HAND-MODULE MANOVO®POWER
The ManovoPower is an actuated hand module that enables severely impaired patients to relearn hand opening and closing. It enables patients to train reaching and grasping with assist-as-needed support from shoulders to fingers. Patients are motivated towards high effort with Augmented Performance Feedback exercises for hand function training. Available as an upgrade for ArmeoPower customers.

PRODUCT DISCLAIMER
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WE ARE THE TOTAL SOLUTION PROVIDER FOR REHABILITATION

We offer efficient solutions and services with advanced technologies for human movement therapy across the entire continuum of rehabilitation: from severe to mild impairments and from acute treatment to continuous training at home. All our solutions are developed, manufactured and continuously improved in close cooperation with researchers, clinical partners and customer feedback.

THE CONTINUUM OF ARM AND HAND REHABILITATION
Discover our extensive portfolio of Arm and Hand Solutions.

ARMEOPower
The world’s first robotic arm exoskeleton for integrated arm and hand therapy for severely impaired patients.

ARMEOSPRÎNG
The preferred solution for self-initiated repetitive arm and hand therapy in an extensive 3D workspace.

ARMEOSPRÎNG PEDIATRIC
The preferred solution for self-initiated repetitive arm and hand therapy in an extensive 3D workspace for children.

ARMEOSENSO
The sensor-based solution for arm function recovery.

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