

GLOBAL HEALTHCARE CHALLENGES



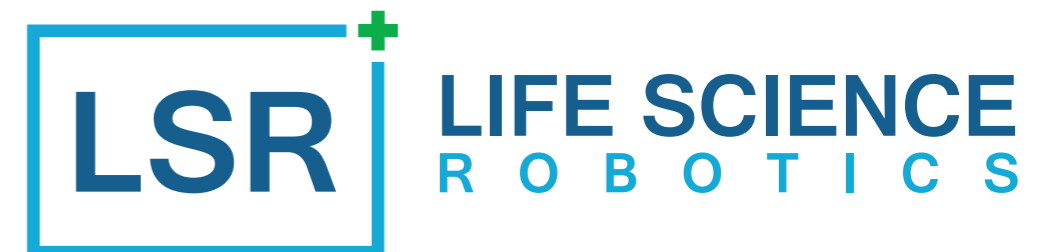
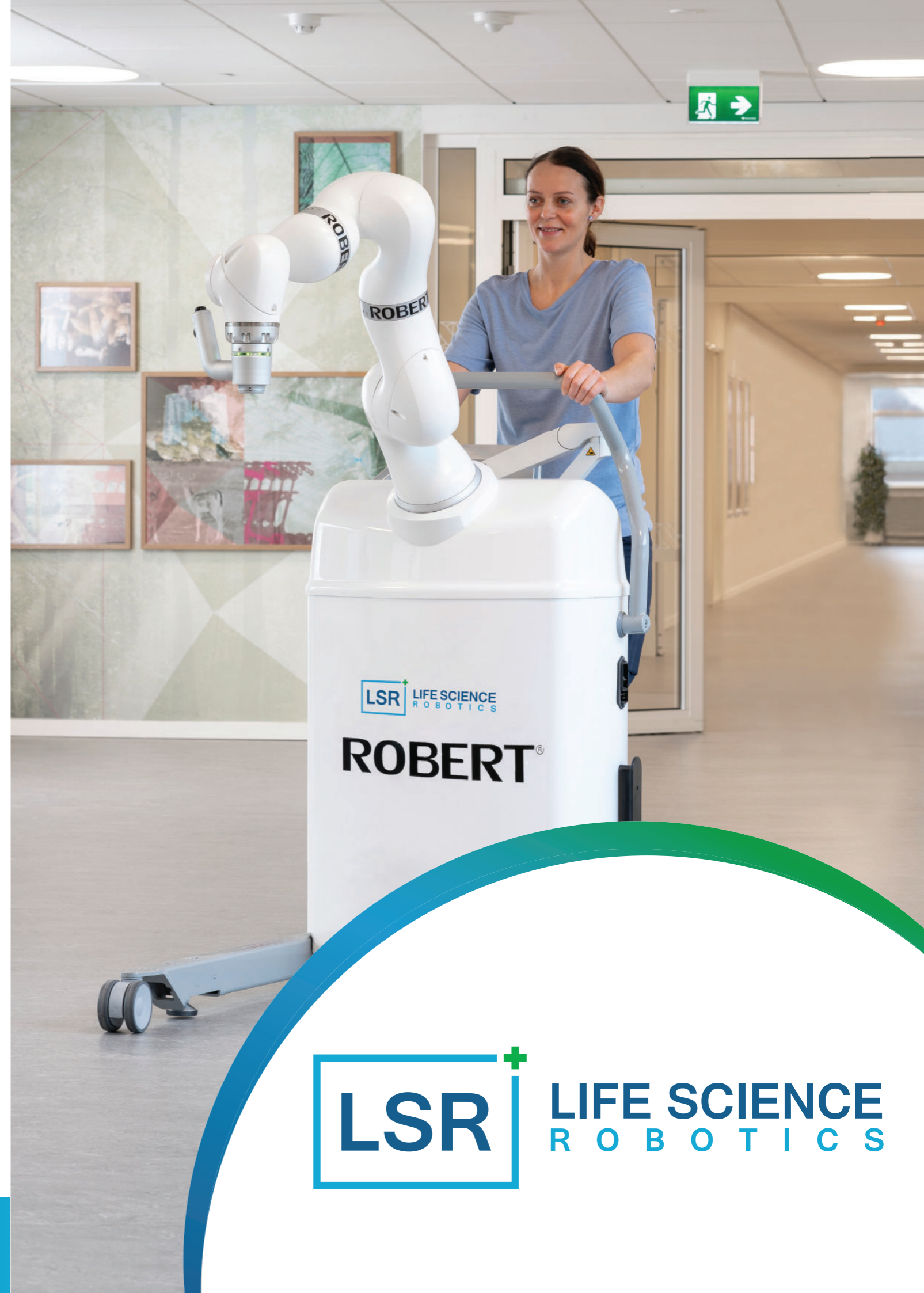
An **increased shortage of qualified professionals** including nurses, physical therapists, and occupational therapists is a critical issue in the current healthcare sector.

Also globally, the demographic trend of **aging population** increases the demand for quality care services, placing a strain on resources and providers.

The number of people aged 65+ worldwide is projected to **more than double**, rising from 761 million in 2021 to 1.6 billion in 2050, with the number of **people aged 80+ growing even faster**. [United Nations, 2023]

ROBERT® represents a solution that helps clinics **provide relief to their workforce** in today's challenging clinical environment.

Intensive rehabilitation with ROBERT® enables patients to become **more self-sufficient** and it proves remarkable **savings on the day care costs**, as the patients' functionality significantly improves.



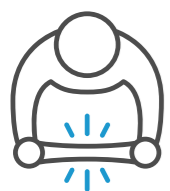
ROBERT® THE ONLY DUAL DEVICE

LOWER EXTREMITIES

ROBERT® represents the only dual device capable of training both the lower and upper limbs, offering patients the opportunity of receiving robotic training at the bedside, as well as training in a large rehabilitation facility.

Through individualized treatment, ROBERT® makes it possible to start training at an early stage, intensifying and accelerating the rehabilitation process.

TRAINING MODES



ACTIVE RESISTIVE
MOBILISATION



ACTIVE ASSISTIVE
MOBILISATION



PASSIVE
MOBILISATION



YOUR CO-THERAPIST NEW PARADIGM IN REHABILITATION

ROBERT® represents a co-therapist for physiotherapists and occupational therapists, supporting them in their daily work routine.



The robot's primary objective is to **assist therapists** in providing intensive functional training and active mobilisation to patients, while **reducing the workload and risk of injuries** for the medical staff.

With ROBERT®, patients can receive **unlimited training via self-training**, until reaching the point of fatigue.

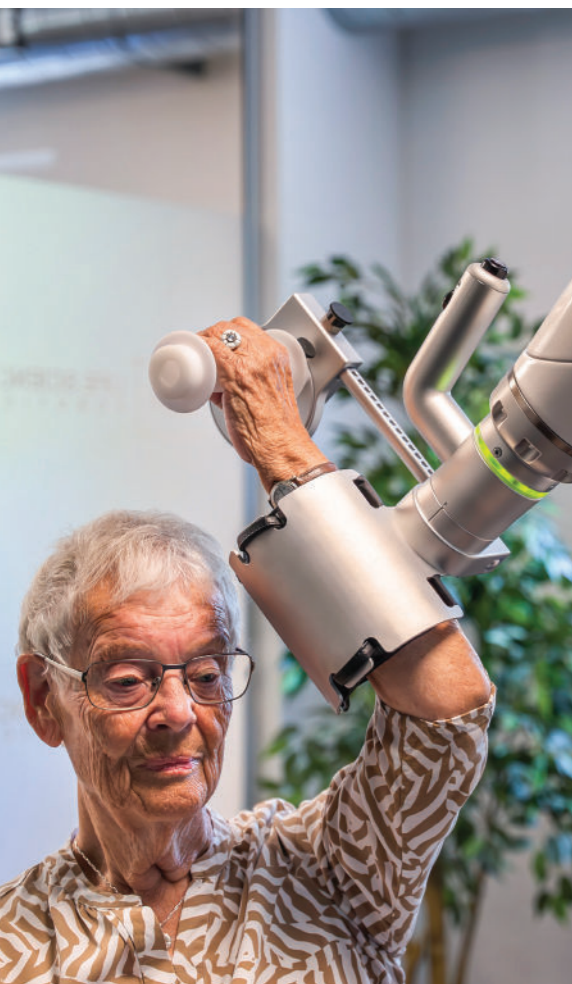
The **complete freedom of movement** of the robotic arm allows therapists to define the ideal customized treatment that meets the therapeutic goals of each patient.



UPPER EXTREMITIES

ROBERT® is a modular device offering the possibility to include Upper Extremity Module and EMG-triggered FES Module for lower extremities.

The Upper Extremity Module facilitates the simulation of ADL (activities of daily living) complex movements and isolated exercises, assisting the patients in both seated and lying positions.



DUAL DEVICE

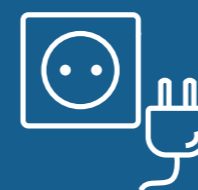


MOBILE DEVICE



MODULAR DEVICE

ONLY 3 MINUTES SET-UP TIME



PLUG



ATTACH



RECORD



PLAY