

Usage of our new equipment is not limited to individuals recovering from **stroke**. It has proven to be beneficial to residents with a wide range of **neurological diagnoses** including **Parkinson's** and **Multiple Sclerosis**, as well as various **orthopedic conditions**.




**CONCORD**

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# A Moving Experience Happens Here Every Day!



Bringing an  
**ACUTE LEVEL OF REHAB** to



**CONCORD**

HEALTHCARE & REHABILITATION CENTER

# 3D ARM-WEIGHT Apparatus

This sophisticated, sensor-based device promotes the recovery of arm and hand function with self-initiated movement therapy that motivates the patient to achieve a better range of motion.



Designed to train **core movement patterns** that are **commonly used in activities of daily living**, the game-like exercises enhance the quality of life of our residents by leading to more independence in their daily routine.

## 86 yr. old Female Resident, Stroke

|                           | Baseline                    | After training with 3D Arm-Weight Device |
|---------------------------|-----------------------------|--|
| Grooming.....             | <b>Max. Assistance</b>      | <b>Min. Assistance</b>                   |
| Strength.....             | <b>2/5</b>                  | <b>3/5</b>                               |
| Upper Body Dressing ..... | <b>Min./Mod. Assistance</b> | <b>Contact Guard/Min. Assistance</b>     |

## 67 yr. old Male Resident, Spinal Stenosis

|                           | Baseline                             | After training with 3D Arm-Weight Device    |
|---------------------------|--------------------------------------|---|
| Grooming.....             | <b>Min. Assistance</b>               | <b>Support</b>                              |
| Strength.....             | <b>3/5</b>                           | <b>4/5</b>                                  |
| Upper Body Dressing ..... | <b>Contact Guard/Min. Assistance</b> | <b>Supervision/Contact Guard Assistance</b> |

We are **TRAILBLAZERS** in fostering our residents' strength, mobility and independence.

# Robotic GAIT TRAINER

Our residents are **ambulating farther**, achieving milestones that were harder to attain with traditional physical therapy and assistive devices.



Using groundbreaking robotics, this mobile device leads the patient beyond treadmill-based gait training to **active self-directed walking** – giving the individual the freedom to figure out his/her gait pattern while providing dynamic body weight support.

## 89 yr. old Male Resident, Stroke

|            | Baseline    | Traditional PT & AD | Gait Trainer | % more      |
|------------|-------------|---------------------|--------------|-------------|
| Ambulation | <b>0 ft</b> | <b>0 ft</b>         | <b>15 ft</b> | <b>100%</b> |

## 90 yr. old Female Resident, Knee Arthritis & Multiple Falls

|            | Baseline    | Traditional PT & AD | Gait Trainer | % more     |
|------------|-------------|---------------------|--------------|------------|
| Ambulation | <b>0 ft</b> | <b>5 ft</b>         | <b>15 ft</b> | <b>67%</b> |

## 65 yr. old Male Resident, Stroke

|            | Baseline    | Traditional PT & AD | Gait Trainer  | % more     |
|------------|-------------|---------------------|---------------|------------|
| Ambulation | <b>8 ft</b> | <b>35 ft</b>        | <b>200 ft</b> | <b>83%</b> |