

Witty SEM

Reactivity, Agility & Motor-Cognitive Abilities Training

Origin: Italy
Certificate: CE

Witty SEM is a 7 X 5 smart LED traffic light matrix capable of managing different symbols, colours and numbers, and, thanks also to the proximity sensor it contains, is the ideal solution for planning and managing specific work on cognitive-motor skills in the best possible way.



Features

Witty SEM indicators can be used in standalone mode or in combination with the photocells, RFID identification system and display board.

Exceptional flexibility and user friendliness make Witty SEM indicators ideal for both sports training and rehabilitation activities.

Various types of tests via the Witty timer and the Witty Manager software:

- Start semaphore with/without start impulse
- Direction change tests
- Agility tests with timing gates
- Agility and reactivity tests for specific work on motor cognitive and coordination skills
- Test and decision related tasks



Pro Move App

- Available on the stores of iOS and Android
- Both versions for tablet and smartphone



Cognitive Training

WittySEM offers six cognitive games designed to enhance cognitive skills through dynamic, movement-based interaction, coined as "Cognition in Motion."

ATTENTION



- Divided attention
- Double decision
- Mixed signals

Each of our attention exercises has been created to stimulate the brain's ability to focus.

SPEED (BRAIN SPEED)



- Hawk eye
- Eye for detail

The speed with which the brain is able to analyze events determines the effectiveness of the reaction and the ability to remember them.

INTELLIGENCE



- Juggle

The ability to govern complex reasoning requires quickly and simultaneously managing different pieces of information.

SilverFit Flow

Breathing Exercises Through Games

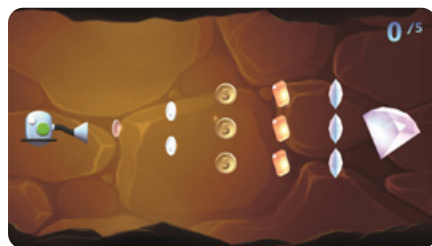
Origin: The Netherlands
Certificate: CE

With the SilverFit Flow, the patient performs various breathing exercises through games. These motivates the patient to keep doing the exercises longer and to repeat them more often.



With SilverFit Flow, breathing exercises focus on:

- Inspiratory and expiratory muscle strength
- Breathing rhythm
- Huffing technique
- Controlled exhaling



Training



Report

How does it work?

While performing the exercise, goals must be achieved by breathing in and out through a spirometer. The spirometer is a medical product and measures the inhaled and exhaled volume.

The values are passed on to the SilverFit Flow, which then controls the exercise. It is also possible to set a resistance on the spirometer. In this way, the patient can perform respiratory strength training.

Applications

- COPD
- Neurological progressive conditions (e.g., Parkinson's, MS)
- Breathing issues post-mechanical ventilation
- Pneumonia
- Dysfagie Cystic fibrosis (CF)
- Asthma / Shortness of breath
- Post-operative care
- Restrictive lung disease (including asbestosis, sarcoidosis, pulmonary fibrosis)
- Post-thoracic trauma, e.g., rib fractures, punctured lung from injuries
- Viral lung infections (including COVID-19)
- Congenital or acquired musculoskeletal conditions, e.g., scoliosis, thorax deformities affecting respiratory function