

Curvetto

it only takes a little

INTRODUCTION

The Curvetto is a device used for home monitoring spine exercises based on the McKenzie method. It has been developed within an EGPR (European Global Product Realisation) project on which a group of students from different European universities collaborated with the help of the Evalan company from the Netherlands.

THE MCKENZIE METHOD

The McKenzie method is an overall program of assessment, treatment and prevention strategies based on a set of exercises which patients suffering from backache can do on their own at home. The treatment or management strategies follow a proven and established path.



1. LOGGING IN ON THE WEBSITE AND ACTIVATING THE DEVICE

Every patient has his own profile on a special webpage on the internet where all his



2. EXERCISING



3. DOCTOR CHECKING THE PATIENT'S WORK

The doctor can access the patients profile and check his work from his office.

ELASTIC MATERIAL that fits precisely to the body

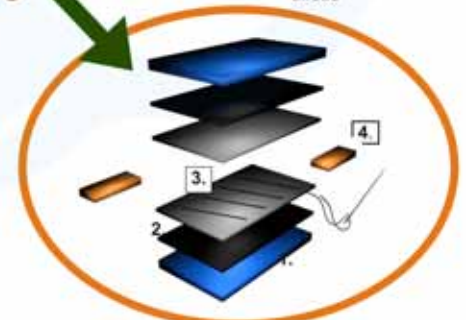


PRESSURE SENSOR (FSR)
There are force sensing resistors implanted in the gloves for more information about the work.



TILT SENSOR

- 1. PA + LYCRA
- 2. Insulating tape
- 3. Stretch fabric
- 4. Conductive fabric connectors
- 5. Conductive thread



THE STRETCH SENSORS are integrated in the back of the dress and measure the work of the patient.



Evalan

Global Product Realisation



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