

Real time biofeedback: new methods of control, follow-up and analysis!

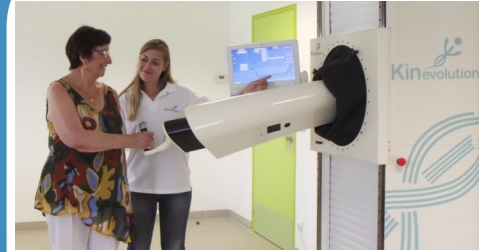
**Optimal cognitive stimulation for enhanced coaching!
Each exercise is quantified with precision!**

Kinevolution is an "all-in-one" device, which assists the physiotherapist -massage therapist in **evaluation** and **functional rehabilitation** of **musculo-articular** units in the upper and lower limbs in all types of patients.

On the **touch screen**, the therapist launches an exercise predesigned by our physiotherapist that he can **configure entirely to adjust** it to his own health care strategy or create his own programmes. Each exercise is presented as a **characteristic instruction curve** of the desired movement that the therapist can mark off with a work corridor. The practitioner and his patient visualise **in real time**, on the **Biofeedback** intuitive monitor, the specification set by the therapist and the performances achieved compared to it.

Furthermore, the apparatus **quantifies with precision** the different magnitudes of the movement performed (speed, effort, range of motion..) and records them for each exercise.

Kinevolution meets the needs of physiotherapists in in Hospital Centres, in Functional Rehabilitation Centres, in Health Care and Rehabilitation institutions so that they can adjust to the current progression of the profession without limitations.



*Produced by physiotherapists,
and for physiotherapists*

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A curve to conceptualise movement!

The patient **readily assimilates** the instruction in the form of a **curve**. If the exertion that he makes differs from or oversteps the work corridor defined by the practitioner, he immediately receives a warning on the **biofeedback screen**. Thus, this new support medium offers him **visual stimuli**, which, together with the therapist's verbal instructions specified, enables the patient to **understand the movement** and to make **instantaneous corrections**.

An objective patient follow- up session by session!

Since **Kinevolution** **records** the specifications and results of each exercise, the physiotherapist can at any time **display the history** of sessions, in **simple graph** format, to analyse himself or with his patient, the latter's progress throughout the health care course. Any therapist of the centre can also re-launch an exercise for a repeatable and reproducible work session, or re-configure it according to the **patient's previous results**.

Communicate more effectively with concrete data!

Thanks to the precise measurement of movement, the physiotherapist performs **longitudinal follow-up** or **comparison** between the injured limb and the healthy limb or within a given population (cross-sectional follow-up). He can use these objective data, which **justify results** of the sessions and **add value** to his work, as a medium for communication with prescribing doctors and the health insurance funds, or as a medium to write scientific papers for publication.