

kinetec[®]

FUNCTIONAL PROPRIOCEPTIVE STIMULATION (FPS)

SYNCHRONIZED TO
CONTINUOUS PASSIVE MOTION (CPM)

Vibra moov[®]
for CPM



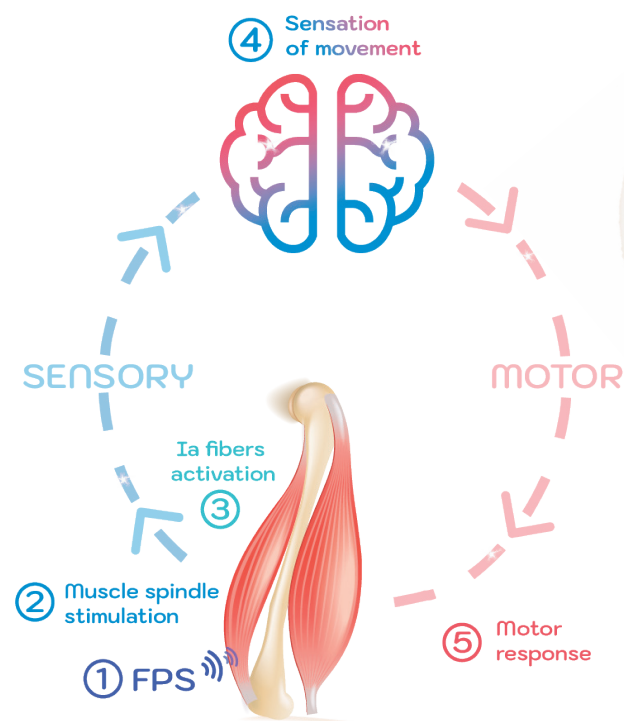
THE BENEFITS OF PROPRIOCEPTIVE STIMULATION

The application of **Functional Proprioceptive Stimulation [FPS]** to the tendon of a muscle activates the neuro-muscular spindles and **induces a sensation of movement** corresponding to a lengthening of the vibrated muscle.

Combined with the passive movement of the CPM, **these stimulations constitute a real movement booster** with all its neurosensory, perceptual, and motor components.



'powerful and long-lasting analgesic effects promoting the therapeutic action'



RECOVER MOBILITY AND RELIEVE PAIN

FPS can **accelerate and enhance joint mobility recovery** and reduce the duration of treatment while **improving patient comfort**.

Using piloted and controlled frequencies, **FPS are perceived as a pleasant and comfortable treatment**. They are coupled with powerful and long-lasting **analgesic effects** promoting the therapeutic action.

The addition of FPS to passive mobilization considerably **enhances the sensation** of a smooth movement and facilitates the associated antagonistic motor activation (motor response), **making the treatment more effective and comfortable**.

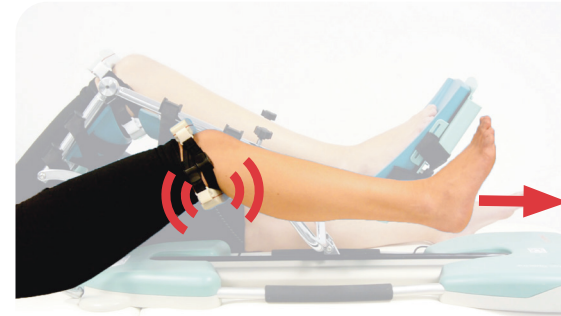
Compatible with all Kinetec® CPM devices

Automatic stimulation triggered by movement detection

Upgrade available on existing Kinetec® CPM devices

AN INNOVATIVE THERAPEUTIC SOLUTION

Extension actually performed on the CPM device (60°)
Extension felt by the patient under the action of the FPS (30°)



Flexion actually performed on the CPM device (60°)
Flexion felt by the patient under the action of the FPS (100°)



The action of FPS on the tendon of the hamstrings or the quadriceps causes a feeling of greater amplitude facilitating recovery.

SPEED UP THE REHABILITATION PROCESS

The pathological or surgical reduction in joint mobility partially or totally disrupts the Central Nervous System from proprioceptive movement information and deeply reduces at the cortical level both the representation of movement and the central structures responsible for its voluntary control.

The **early activation** of these proprioceptive afferentations induced by FPS aims to **maximize the activity of sensorimotor loops**, strengthen proprioception, and recover smooth and pain-free movement.





VibramoovTM for CPM Kinetec[®] (knee and hip)



VibramoovTM for CPM Kinetec[®] (shoulder)



VibramoovTM for CPM Kinetec[®] (elbow)



VibramoovTM for CPM Kinetec[®] (ankle)



VibramoovTM for CPM Kinetec[®] (wrist)



VibramoovTM transport case



INDICATIONS

- Arthroplasty (TKA, TKR, THR...)
- Ligament reconstruction
- Fracture, sprain
- Ligament tear
- Management of osteoarthritis
- Meniscectomy

MAIN BENEFITS

- Speed up joint mobility recovery
- Relieve pain
- Enhance CPM session acceptability
- Proprioceptive reinforcement
- Muscle strengthening
- Reduce muscle compensation
- Reduce protection reflex

CODE	DESCRIPTION
4672000102	Vibramoov TM for CPM Kinetec [®] (knee)
4672000202	Vibramoov TM for CPM Kinetec [®] (shoulder)
4672000302	Vibramoov TM for CPM Kinetec [®] (elbow)
4672000402	Vibramoov TM for CPM Kinetec [®] (ankle)
4672000502	Vibramoov TM for CPM Kinetec [®] (wrist)
4650001983	Vibramoov TM pair of universal straps
4650001991	Vibramoov TM shoulder strap

Battery operation:

- autonomy 6h, charging time 2h

2 years warranty

Manufactured by:

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VibramoovTM for CPM Kinetec[®] is a medical device with CE marking (European Regulation on Medical Devices) designed and produced in accordance with ISO 13485: 2016.

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