Private Clinics - Medical Center

APPLICATION SCOPE

The DPA Med is a medical device which mobilizes the lower limbs, the pelvis and the spine.
It stimulates the thoraco-lumbar and lumbo-pelvi-femoral complexes.

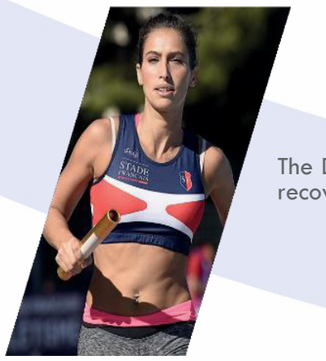
The DPA Med improves the proprioception and the neuromuscular coordination. It strengthens the deep spinal and pelvic muscles, and hip stabilizers. It also generates shoulder-pelvis girdles dissociation.
The DPA Med increases the joint range of motion (knee, hip, pelvis, spine) and improves the body posture and balance.
All of these are essential to get results in the **rehabilitation** of **Back** and **Gait** pathologies:

Back pathologies:

- ✓ Chronic low back pain
- ✓ Lumbar spinal stenosis or foraminal stenosis
- ✓ Slipped Discs
- ✓ Radicular pain
- ✓ Idiopathic Scoliosis
- ✓ Camptocormia

Gait impairments:

- ✓ Post-operative prosthesis (knee or hip)
- ✓ Osteoarthritis (gonarthrosis and coxarthrosis)
- ✓ Hemiplegia Post Stroke or Post Head Trauma
- ✓ Parkinson's disease



The DPA Med is also used to speed up the recovery of **top athletes** after injuries.

Real Madrid 03/06/2017

- Small footprint
- Easy to use
- Quick installation
- Mobile
- Passive & Active Use
- 3D mobility
- Well received by patients

DPA Med

DPA Med

Satisform®
Generating Movement

Mobilization of the lower limbs and trunk

MADE IN FRANCE

MEDICAL CE DEVICE

« Reproduce natural gait movements … in the supine position »

*Gait & Posture, 2021

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LOWER LIMB AND TRUNK MOBILIZATION

The DPA Med mobilizes both **the thoraco-lumbar and lumbo-pelvi-femoral complexes**. It decompresses the joints, while conforming to the patient's articular capacities.

« Why mobilize in the supine position?
To reduce joint compression." »
Nachemson et al. 1981

Key Figures*:

- 600 mobilizations per joint
- 1200 spinal and thoracic pump motions
- 1200 steps

*10-minutes sessions'

3D automated Mobilization

Neuro-muscular Stimulation

Circulatory Stimulation

Connected, wireless application

GAIT MOVEMENT

Lemniscate-shaped Movement

The DPA Med generates a lemniscate-shaped movement, inducing gait range of motion in the pelvis.

Shoulder-pelvis girdles dissociation

It generates dissociation exercises to the shoulder and pelvic girdles.

Gait and Posture 2021

PubMed

STRENGTHENING EXERCISES

Proprioceptive Rehabilitation

For the first phase of active rehabilitation.

Strengthening

By opposing the motion generated by the DPA Med, you increase the core strength of the trunk and lower limbs. You strengthen the deep spinal muscles and hip stabilizers. You enhance postural muscle tone and balance.

Neuromuscular Coordination Exercises

It generates girdles dissociation exercises, trunk strength and lower-limb relaxation. It improves gait quality.

Rehabilitation center - Hospital

APPLICATION SCOPE - DPA Med

The DPA Med **mobilizes both** the thoraco-lumbar and lumbo-pelvi-femoral complexes.
It reduces prolonged bed rest complications and improves **quality of life and patients' autonomy.**

In **patients' room** or in **rehabilitation room,** the DPA Med is used for mobilizing patients in orthopaedic, neurology and geriatrics:

INPATIENTS:

Non walking patients, difficult to mobilized

✓ Early Mobilization
✓ Prolonged bed rest

✓ Stroke, Head trauma (non-walking)
✓ Spinal cord injury
✓ Polytrauma
✓ Obesity

- **Prevents the complications of prolonged bed rest**
- **Improves quality of life**

Early-stage rehabilitation

✓ Neurology:
Stroke, Head Trauma,
Guillain Barre Syndrome

✓ Orthopaedic:
Polytrauma, Amputee (Lower limbs)

- **Unblocks difficult situations (posture, balance, kinesiophobia …)**
- **Initiates the gait cycle and accelerates traditional rehabilitation**
- **Increases the chances of recovering the functional capacities**

OUTPATIENTS:

Spine pathologies and Gait disorders

✓ Spine pathologies:
- Lumbar spinal stenosis or foraminal stenosis
- Radicular pain due to slipped disc or osteoarthritis
- Chronic low back pain
- Camptocormia

✓ Gait disorders:
- Post-operative prosthesis (knee, hips)
- Osteoarthritis such as coxarthrosis, gonarthrosis
- Parkinson, hemiplegia post Stroke or post Head Trauma

- **Reduces pains**
- **Improves autonomy**

DPA Med