



Use of the HUBER® platform in the rehabilitation of burns patients

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Device parameters

The handles



Different positions for upper limbs:

- Choice of the posture or movements
- Choice of the force :**
- Adjustable Intensity
- Variable direction (anterior/posterior, up/down, combination)

The scanner



Up and down movements:

- Possible passive mobility
- Scanner blocking
- Work in extreme amplitude

Dorsal muscular strengthening
: combined axial and postural straightening up

The platform



Adjustment of rotation speed :

- Work on balance by controlled destabilization

Adjustment of inclination :

- Global axial muscular contraction

Interest in burns

Playful

Innovative

Control of the position

Numerous postures

Progressive and gentle stretching

Targeted and soft strenghtening

Soft rehabilitation with control of inflammation

Maximal skin tension

Muscular stimulation in maximal skin capacity

Physical activity recovery: enhancing, dismissing banning



Study : Comparison between HUBER® platform and classical rehabilitation for shoulder recovery after axilla burn

HUBER Protocol:

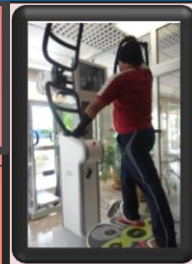
- 5' Warming in standing position
- 10' active exercises (joke or target)
- 5' Passive relaxation sitting

Duration :

- 1 session: 20' / day
- 5 sessions/week
- Evaluations every 15 days

Evaluations:

- Joint assessment, pain & pruritus VAS
- Vitropression test
- Vancouver test, Posas
- C7 & shoulders
- Balance test on Satei®



VS



Classical rehabilitation protocol:

- 5' Warming in standing position
- 10' active exercises
- 5' relaxation with pully

First results :

- Similar joint recovery
- Similar inflammation recovery

Beginning of the study: Jan. 2014

Number of patients : 10

Distribution :



Shoulders :



	HUBER®	Classical rehab
+	Postural improvement Great satisfaction	Autonomization Self-exercises Continued at home
-	Apprehension	Weariness