Use of the HUBER® platform in the rehabilitation of burns patients
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www.cliniques-ster.fr

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
Control of the position
Progressive and gentle stretching
Soft rehabilitation with control of inflammation
Maximal skin tension
Muscular stimulation in maximal skin capacity

Innovative
Numerous postures
Targeted and soft strengthening

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

Classical rehabilitation protocol:
5' Warming in standing position
10' active exercises
5' relaxation with pully

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

First results:
Similar joint recovery
Similar inflammation recovery

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<tr>
<th>HUBER®</th>
<th>Classical rehab</th>
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<tr>
<td>+</td>
<td>Postural improvement</td>
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<td>Great satisfaction</td>
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<td>-</td>
<td>Autonomization</td>
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<td>Self-exercises</td>
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<td>Continued at home</td>
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<td></td>
<td>Right</td>
<td>Classic</td>
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<td>Left</td>
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Beginning of the study: Jan. 2014
Number of patients: 10
Distribution:

Shoulders:

Evaluations:
Joint assessment, pain & pruritus VAS
Vitropression test
Vancouver test, Posas C7 & shoulders
Balance test on Satel®

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