

水療浮水衣 Adaptive Hydrotherapy Wetsuit

可讓使用者輕易轉換水中姿勢的水療浮水衣

A user-operated wetsuit that allows wearers to change their positions in the water during hydrotherapy with minimal assistance

專利申請編號及國家: 201510101292.2(中國)

特色與優點

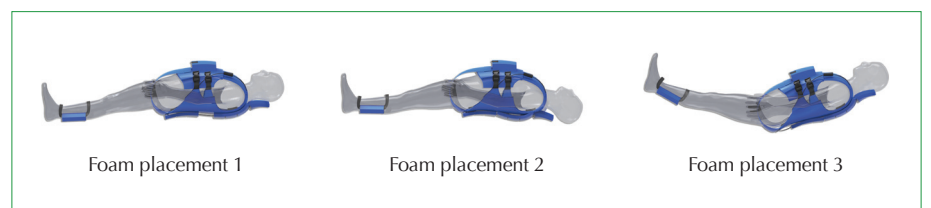
- 採用位置調較機制，讓使用者自行操作
- 海棉浮片結構可配合水療要求的姿勢調整至直立式或仰臥式

應用

- 適用於截癱患者
- 適用於行動不便的長者

獎項

第43屆瑞士日內瓦國際發明展 - 銀獎 (2015年4月)



Patent Application No.: 201510101292.2(PRC)

Special Features and Advantages

- Slide/lock system for self-operation
- Adjustable foam mechanism to change position from upright position to supine position during hydrotherapy

Applications

- Paraplegic patients
- The elderly with limited mobility

Award

Silver Medal - 43rd International Exhibition of Inventions of Geneva, Switzerland (April 2015)

由於水療能通過水中運動改善患者關節及肌肉的活動能力，故特別適合行動不便人士作康復練習，如：截癱患者及長者。水療進行期間，一般要有最少兩位物理治療師在場協助。這款新的浮水衣讓使用者在進行水療時，能夠自行調較海棉浮片的位置，從而自由改變水中姿勢(直立式或仰臥式)，令所需物理治療師的人數減至一人。此外，浮水衣採用人體工學設計和親膚布料及配件，為使用者帶來最舒適的感受。

This user-operated adaptive hydrotherapy wetsuit is for people with limited mobility, in particular paraplegic patients and the elderly. As water can minimize the impact on patients' joints and muscles during conditioning exercises, hydrotherapy is recommended for users with limited mobility. However, hydrotherapy usually requires the involvement of at least two physiotherapists. This invention enables the wearers to change between an upright position and a supine position in water during hydrotherapy by self-operating the adjustable foam panels. The number of required physiotherapists can thus be reduced to one.

In addition, this wetsuit provides the wearers with maximum comfort through ergonomic design as well as skin-friendly fabrics and accessories.

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Notes: Subject to change without notice