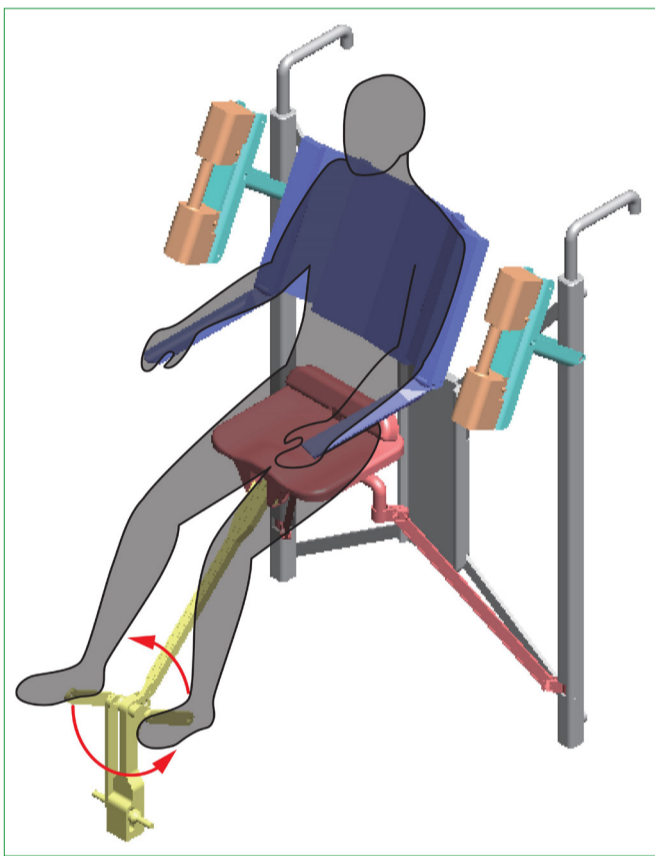


# 多功能水中復康訓練裝置 Multifunctional Hydrotherapy Device for Rehabilitation

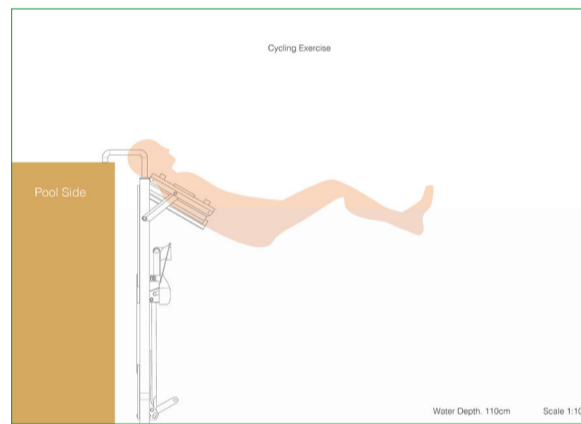
專為帕金森病患者及身體殘疾人士開發的復康訓練裝置

A rehabilitation training device specially designed for Parkinsonian patients and people with physical disabilities

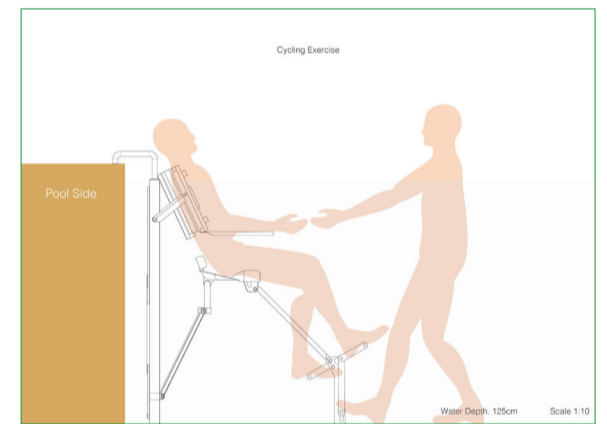
我們的團隊整合了機械工程學、人體工學和水療的理論及實踐，為帕金森病患者或身體殘疾人士發明了一套水療復康訓練裝置。這項發明為使用者提供針對上肢、主軀幹和下肢的水療訓練，利用水的阻力及浮力對人體帶來正面的影響，包括改善血液循環、加速新陳代謝、強化肌肉、調節神經系統和身體平衡。



專為帕金森病患者及身體殘疾人士設計的多功能水療裝置  
The Multifunctional Hydrotherapy Device for Parkinsonian patients and people with physical disabilities



多功能水療裝置的應用 - 自主式訓練  
Application of the Multifunctional Hydrotherapy Device - active training



多功能水療裝置的應用 - 輔助性訓練  
Application of the Multifunctional Hydrotherapy Device - auxiliary training

Combining mechanical and structural engineering, ergonomics, as well as the theory and practice of hydrotherapy, our research team has developed a hydrotherapy rehabilitation device for Parkinsonian patients or people with physical disabilities. The invention provides users with hydrotherapy training for the upper limbs, core body and lower limbs. The water resistance and buoyancy create positive impacts on the human body, including improved blood circulation, accelerated metabolism, strengthened muscles, nervous system's function regulation and body balance.

## Principal Investigator

Dr Kristina SHIN

Institute of Textiles & Clothing

## Contact Details

Institute for Entrepreneurship

Tel: (852) 3400 2929 Fax: (852) 2333 2410 Email: pdadmin@polyu.edu.hk

專利申請編號: 201920307888.1 (中國)

## 特色與優點

- 集合多功能於一身，提供各類水療訓練，如跑步、騎單車、伸展運動和啞鈴鍛煉等
- 易於組裝、使用和拆除，同時提供足夠保護
- 減少從旁輔助的物理治療師的數目，只需一位物理治療師即可，能夠節省人力資源、開支及使用者輪候服務的時間

## 應用

- 康復訓練
- 老年人的健身訓練或休閒活動

Patent Application No.: 201920307888.1 (China)

## Special Features and Advantages

- Multi-functional, serving different hydrotherapy training regimes, e.g. running, cycling, stretching and dumbbell exercises
- Easy to assemble, use and dismantle with sufficient protection
- Economical as the number of assisting therapists can be reduced to one, saving human resources, costs and users's waiting time for the service

## Applications

- Rehabilitation training for Parkinsonian patients and people with physical disabilities
- Fitness training or recreation for the elderly

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