

上下肢康复机器人主被动卧式训练系统力迈德AL220L

产品名称	上下肢康复机器人主被动卧式训练系统力迈德AL220L
公司名称	力迈德医疗（广州）有限公司
价格	.00/个
规格参数	力迈德:AL220L
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产品详情

上下肢主被动训练系统(卧式) AL220L

标准版（上肢）

版（上肢）

AL220L - 标准版（下肢）

版（下肢）

标准版（四肢）

AL220L - 版（四肢）

力迈德上下肢康复机器人主被动训练系统是一款应用于进行上下肢主被动训练早期康复床旁设备，通过正确的运动模式刺激肌肉运动，刺

激神经组织，改善患肢血液循环，促进新陈代谢，增加关节活动度，达到促进上下肢运动功能恢复的目的。

The Passive, Motor-Assisted and Active Resistive Upper/Lower Extremities Rehabilitation Training

System is designed for patients conned to bed at the long-term care facilities hospitals, in early rehabilitation. This system can induce a natural movements of the upper/lower limb with safe motorized passive movement, as well as motor-assisted and active resistive muscle training to stimulate nerves, increase blood circulation of aected tissue, cell metabolism and improve joint mobility, in promoting upper/lower extremities motor recovery.

上下肢康复机器人功能特点：

1. 由上肢和下肢训练系统两部分组成，既可实现上下肢独立运动训练，又可实现上下肢联动训练；

2. 实现主动，被动，主被动三种运动模式训练，适合各种肌力等级的患者的治疗；
3. 电刺激（FES）与运动训练相结合,提高训练效果(版)；
4. 阻力值多档可调，运动速度可调，运动行程可监测；
5. 在训练过程中，系统自动辨别痉挛，保护患者训练安全；
6. 智能反馈训练系统，实时记录训练信息，训练评估，直观地显示出治疗效果；
7. 15寸彩色触摸屏，操作精准，显示直观；
- 8.情景互动游戏，减少治疗枯燥性提高病人参与训练的主动性和兴趣；

1. This system consists of upper/lower limb rehabilitation training schemes, it provides both the independent training mode for either upper or lower limbs and synchroize mode for bilateral upper and lower limbs.

2. This system provides a safe motorized passive movement, as well as motor-assisted and active resistive muscle training for dierent medical conditions.

3. Functional electrical stimulation (FES) of this system can maximize training performance. (Premium version only)

4. The resistance, speed of this system is adjustable, and the kinematic data can be traced.

5. Integrated spasticity detection system recognizes and helps manage episodes of

spasticity.

6. Kinematic data, such as speeds, distance, time spent, calories burned and resistance is automatically recorded. The reports can then be utilized in the development of goals setting.

7. 15-inch color touch screen, provide intuitive display for reliable operation.

8. Implementation of the interactive training system can promote user motivation and engagement.

治疗作用：

1. 恢复改善关节活动角度；

2. 改善血液循环，预防深静脉血栓；

3. 增强肌肉的肌力和肌肉的耐力；

4. 抑制肌肉的异常张力，缓解痉挛；

5. 提高身体移动和站立行走能力；

6. 改善平衡功能与运动协调功能；

7. 改善心肺功能与消化功能；

1. Improve range of motion

2. Improve blood circulation and prevent deep vein thrombosis
3. Improve muscle strength and endurance
4. To enhance motor recovery and reduce spasticity
5. Improve sit to stand ability, walking and mobility
6. Improve balance and coordination skills
7. Improve cardiopulmonary and digestive function

适应症：

脑中风、脑外伤、骨科术后、脊髓损伤、脑瘫等进行上下肢运动早期床旁康复。