- Has passed the ISO13485 quality management system international certification
- Diamond level sponsor of the 7th International Physical and Rehabilitation Medicine Academic Conference
- State Administration of Traditional Chinese Medicine "Recommended Products of Traditional Chinese Medicine Diagnosis and Treatment Equipment" manufacturer
- Second Prize of National Science and Technology Progress Award
- China International Rehabilitation Industry-University-Research Cooperation Innovation Award
- China Rehabilitation Industry-University-Research Cooperation Innovation Excellent Brand
- Guangdong Provincial Artificial Intelligence Medical Rehabilitation Equipment Engineering Technology Research Center
- Artificial Intelligence Enterprise in Guangdong Province

Master the Core Technology,Take Care of People's Health

LOVE HEALTH · LOVE YIKANG

LEADER OF INTELLIGENT REHABILITATION IN CHINA

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正页

COMPANY PROFILE

Guangzhou Yikang Medical Equipment Industry Co., Ltd. was established in 2000. It is the first enterprise in China to focus on the research and development, production, sales and service of artificial intelligence rehabilitation robot equipment. It is committed to the development and promotion of the rehabilitation robot intelligent IoT center.

Since its establishment, under the vision of "being a respected intelligent rehabilitation enterprise", the company has improved the serious shortage of rehabilitation professionals in my country through intelligent rehabilitation robot technology, and helped more dysfunctional people who need rehabilitation training. Possibly restore their function and improve their quality of life. At the same time, it provides professional medical equipment services for medical fields such as neurological rehabilitation, bone and joint rehabilitation, spinal cord injury rehabilitation, elderly rehabilitation, children's rehabilitation, cardiopulmonary rehabilitation and pain rehabilitation.

The company has strong research and development strength, ingenious manufacturing quality, sound marketing network and high-quality after-sales service. Integrate with medical institutions, disabled people's federations, civil affairs, special education, universities, sports and other medical education systems to help professional medical teams, help patients return to their families and society, and regain a better life!

The company has passed ISO9001, ISO13485 and other quality management system certifications, and has more than 100 patents, software products, and software copyrights. The company won the "Second Prize of National Science and Technology Progress Award", "National TCM Diagnosis and Treatment Equipment Production Demonstration Base Construction Unit", "Senior Member Unit of Chinese Association of Rehabilitation Medicine", "CARM Rehabilitation Robot Alliance Initiator Unit", "China International Rehabilitation Industry-University-Research Cooperation Innovation Award", "China Rehabilitation Industry-University-Research Cooperation Innovation Excellent Brand", "Guangdong Artificial Intelligence Medical Rehabilitation Equipment Engineering Technology Research Center", "Guangdong High-tech Enterprise", "Guangdong Science and Technology Little Giant Enterprise", "Guangdong Software Enterprise", "Guangdong Excellent Rehabilitation Equipment Developer", "Guangzhou Artificial Intelligence Enterprise", "Guangzhou Enterprise R&D Institution" and other honorary titles. It also undertakes the formulation of the national key research and development plan "Spinal Cord Injury Rehabilitation Robot Development and Application Demonstration", and the transformation of key special projects "Active Health and Aging Technology Response". At the same time, it is also the "teaching practice base" of many universities and colleges, and the "rehabilitation medicine achievement transformation base" of many tertiary hospitals.

With the development of the rehabilitation medical industry, the demand for the rehabilitation medical market is constantly escalating. From the perspective of market demand, the company continues to expand new service forms and creates a solution for the overall planning and construction of the rehabilitation medical center, aiming at through site planning, personnel training, The input of technical resources, standardized management and other elements. With the concept of "intelligence makes rehabilitation easier", and through the provision of serialized solutions, a rehabilitation medical center with sound system, complete functions, outstanding features and brand competitiveness has been created for the hospital.

Under the model of precision medicine, we provide rehabilitation medical centers with "integrated neurorehabilitation solutions" through intelligent rehabilitation robot technologies, such as: "upper limb rehabilitation robots, lower limb rehabilitation robots, gait exoskeleton robots, hand function rehabilitation robots, etc." , "Overall Solution for Orthopedic Rehabilitation", "Overall Solution for Pain Rehabilitation" and other overall rehabilitation service solutions.

With the mission of "mastering core technology and protecting people's health", Yikang Medical adheres to the core values of "pursuing excellence, continuous innovation, high-quality service, and win-win cooperation", and is committed to becoming the leader of China's intelligent rehabilitation industry!

Mission: Master the Core Technology,
Take care of People's Health
Vision: To be a respected intelligent rehabilitation enterprise
Positioning: Leader of intelligent rehabilitation in China
Leader of AI rehabilitation robot in China
Values: Pursuit of excellence, Continuous innovation,
Quality Service, Win-Win Cooperation
Service concept: Serving customers is the only reason for
Yikang's existence and the only basis for survival

跨页1（正面）

AI Rehabilitation Robotic IoT Center Solutions

Intelligence Makes Rehabilitation Easier

Neurological Rehabilitation Dedicated Solution

Joint Issues

Posture Coordination Issues

Decreased Muscular Endurance

Gait, Hand Dysfunction

Motor Disorder

Speech

Cognition

Pain & Fatigue

Sleep, Urination & Defecation

Emotional & Mental

Non-motor Disorder

Disorder

Parkinson

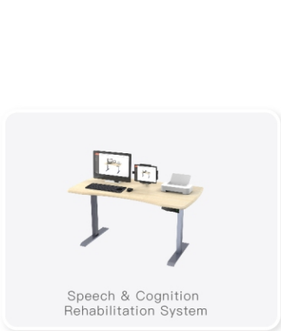
Cerebral Stroke

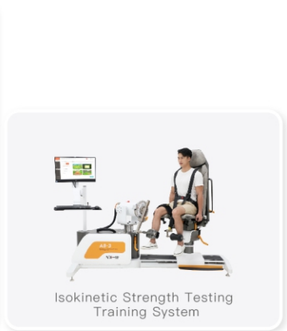
Alzheimer's Disease

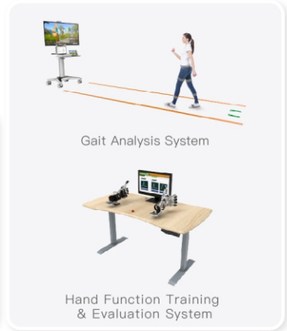
Neuro Rehab

Rehabilitation Evaluation

Rehabilitation Therapy







Speech & Cognition

Joint Mobility

Muscle Strength & Endurance

Gait&HandFunction

Speech & Cognition

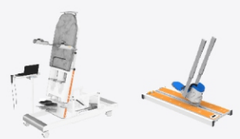
Lower Limb Function

Upper Limb Function

Gait

Hand Function

Muscle Strength & Enduranc



Orthopedic Rehabilitation Dedicated Solution

Orthopedic Rehabilitation

Clinical Pathway

Drug

Non-Drug

symptomatic treatment

functional rehabilitation

health education

physical agent

High Voltage Treatment System

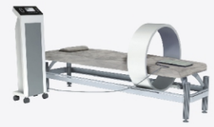
Super Interference Electrotherapy System

Frequency Conversion Therapy System

Shockwave Therapy Apparatus

Point-Mode Infrared Therapy Apparatus

Intermediate Frequency Therapeutic Apparatus



Alternating Magnetic Field Therapeutic Apparatus

High Energy Muscle Massage Gun

assessment

Multi-Joint Isokinetic Training &Testing System

3D Gait Analysis System

training

3D Upper Limb Rehabilitation Robot

Intelligent Lower Limb Rehabilitation Robot

Intelligent Upper Limb Rehabilitation Robot

Hand Function Passive Training System

Knee Joint Active Training Rehabilitation Apparatus

Active-Passive Rehab Bike

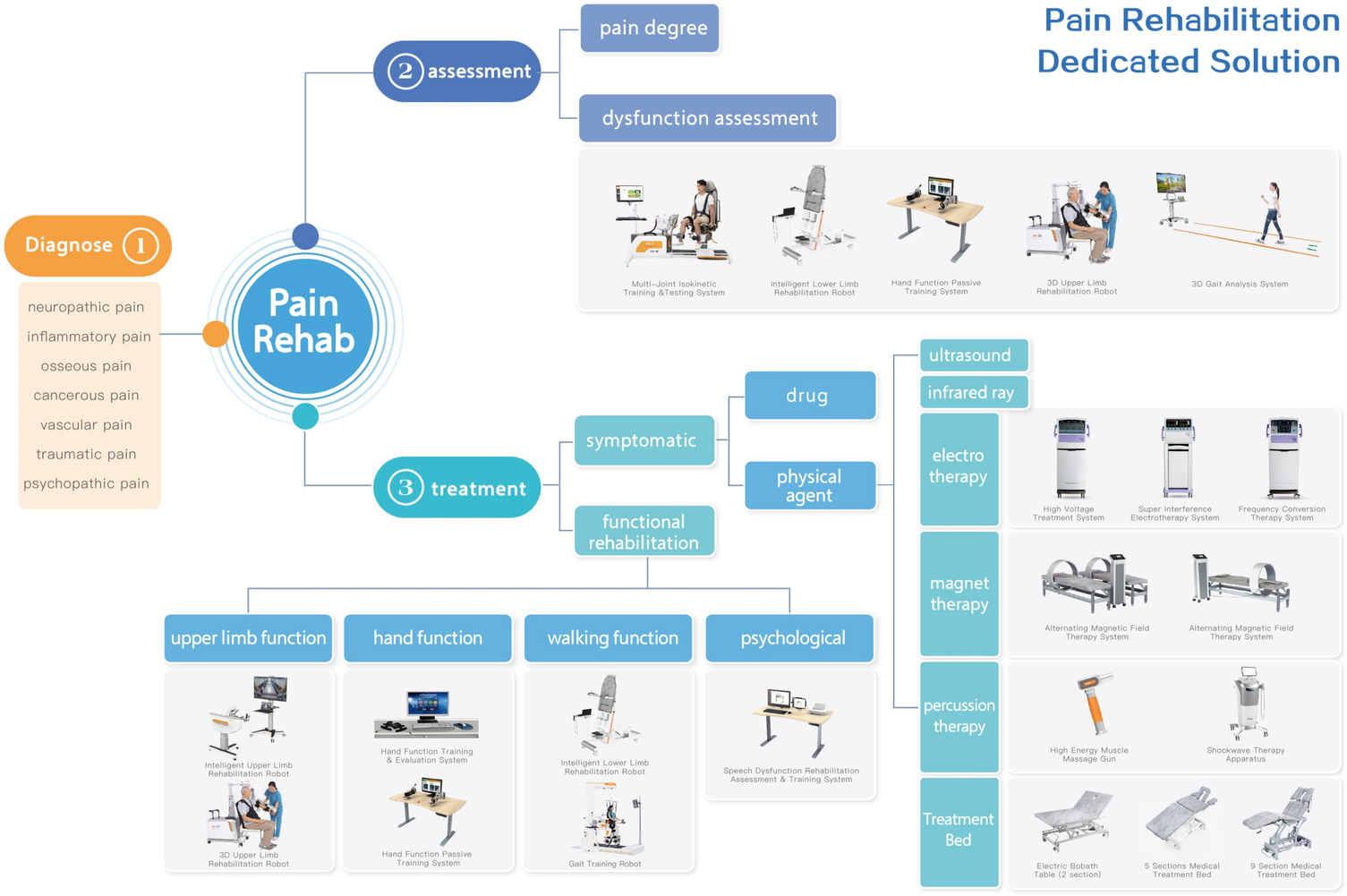
Multi-Joint Isokinetic Training & Testing System

Multi-functional table for hand training

跨页2（背面）

正页

Pain Rehabilitation Dedicated Solution



CONTENTS

A1-3

AI Lower Limb Intelligent Feedback & Training System

New Generation of Intelligent Lower Limb Rehabilitation Robot

Redefine Lower Limb Intelligent Rehabilitation

Motion Performance Optimization

Starting from clinical practice, explore better ways for lower limb training.
0°～90° orthostatic angle adjustment.
0°～45° emulational walking movement angle.
0°～15° adjustable reclining bed.

Intelligent Technology Innovation

One button automatic leg length measurement setting.
One button automatic leg length reset setting.
One button automatic bed restoration to ready condition.

Ergonomic Design

Streamlined bed design to avoid bedsore.
Elevating foot pedal enriches ankle joint movements.
Mobile armrest maintains upper body training posture.
Lower limb adaptability adjustment, optimizing body adaptation.

PRODUCT INTRODUCTION

With intelligent rehabilitation technology and years of clinical practice, Yikang Medical launched Lower Limb Intelligent Feedback & Training System A1–3, which is the accumulation of ten years of experience and the intelligent lower limb rehabilitation equipment of supreme grade in the industry. A1–3 has made breakthroughs and innovations at the three levels of sports performance, intelligent technology and rehabilitation technology. It's the first equipment in the industry to introduce automatic posture memory and recovery technology, which significantly enhances treatment experience. In terms of rehabilitation treatment, there are three levels of lower limb training: passive scene interaction training, unilateral induced training and alternating interactive training. It's the first lower limb intelligent feedback & training system to build a progressive training pathway.

CLINICAL FEATURES

A	B	C	D	E	F
Patented back leaning technology, assists hip extension, closer to physiological gait, suppresses abnormal reflex patterns.	Pioneered automatic adaptation technology, automatic leg length adjustment and one-key reset functions, higher operation efficiency	Real-time display function of joint movement assessment, visualized training process	Ergonomic arm rest design to prevent shoulder dislocation	Adjustable leg and ankle spacing for personalized training settings	Pioneered combination with 8-channel functional electrical stimulation: combining walking training and electrical accelerate walking function restoration.

ERGONOMIC DESIGN

Streamlined Bed Design

streamlined design
fit human body curve, reducing pressure

Lower Limb Adaptability Adjustment

leg spacing adjustment
leg length fixation adjustment

Mobile Armrest

maintain and stabilize upper limb posture

Elevating Stepping

adapt to larger range of ankle-foot movement
further recover ankle-foot function

MOTION OPTIMIZATION

Erthostatic Angle Adjustment 0°～90°

The use of zero clearance technology minimizes the shaking of the bed during standing, giving patients a more comfortable treatment experience.

Emulational Walking Movement Hip Joint Motion Angle 0°～45°

A wide lower limb joints movement range can provide a more complete walking training experience, so that each joint of the lower limbs can exercise in a wider extend.

0°～15° Reclining Bed

Increase the reclining angle during continuous stepping training to fully stretch the muscles involved in hip extension.

Exclusive combination of functional electrical stimulation

A1

AI Lower Limb Intelligent Feedback & Training System

A1-S

PRODUCT INTRODUCTION

Lower Limb Intelligent Feedback & Training System adopts a new rehabilitation concept to overcome the shortcomings of traditional rehabilitation training. It changes patient's body position in a weight supported state for stepping movement training, simulating the physiological gait of the normal walking, restoring patient's walking function to the highest extent and inhibiting abnormal gait. It helps patients establish correct walk patterns in early rehabilitation training. A3 is mainly applicable to the rehabilitation treatment of lower limb dysfunction caused by stroke (cerebral infarction, cerebral hemorrhage) and other nervous system injuries, and it

FUNCTIONS & FEATURES

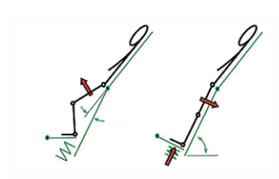
Foot spacing, strephenopodia & strephexopodia angle and digital flexion &extension angle can be adjusted according to patient's situation. Bilateral pedals can be used for active or assisted walking training as needed and provide physiological load per patient's need.

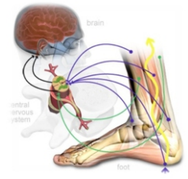
FUNCTIONS & FEATURES

0–80 ° gradual standing training combined with special suspension belt can effectively control the physiological load of patients' lower limbs and achieve step-by-step lower limb rehabilitation training.

- Allow patients with no standing ability to walk in supine position.
- Stand under different angle of supine position.
- Walking in weight-supported condition to inhibit spasm.
- Early gait training may shorten the real walking time.
- Professional suspension belt reduces the body weight born by patient's lower limbs.

A1

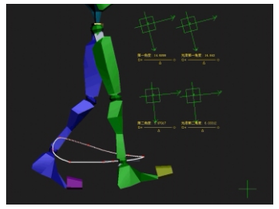




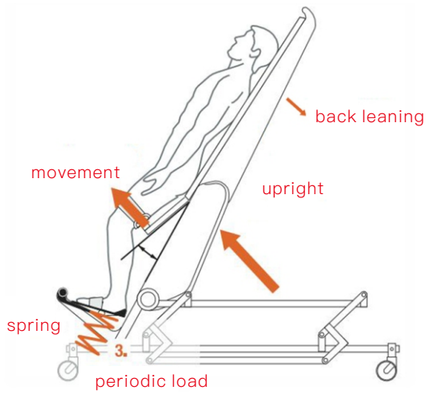
Step movement under physiological load, strengthen the proprioception of stimulation for lower limbs, increase the input of proprioceptive sensation, and promote the growth of synapses.

THERAPEUTIC EFFECT

- Early gait training can shorten the rehabilitation time of patients;
- Enhance the afferent sensory stimulation of lower limbs, improve the excitability, flexibility and coordination of the nervous system;
- Improve and maintain the range of motion of lower limb joints, improve muscle strength and endurance; Through exercise training, reduce muscle spasm of patients' lower limbs;
- Improve patient's body function and prevent the complications such as postural hypotension and pressure ulcers;
  Enhance patient's metabolism level and cardiopulmonary



Gait control – the servo motor control system is adopted to complete the three speed changing programs of initial speed, acceleration and deceleration in the movement process, effectively imitating the normal human physiological gait.



- Organic combination of vertical state, lower limb movement and load.
- Support and promote patient movement.
- Stimulate cardiovascular system.
- Enhance afferent sensory stimulation.
- A large number of repetitive physical exercise can relieve muscle spasms in some patients.
- Can prevent the complications such as postural hypotension and pressure ulcers.
- Reduce labor intensity for therapists.
  Convenient operation.

A2-2

Upper Limb Intelligent Feedback & Training System

INTRODUCTION

The upper limb rehabilitation robot adopts computer virtual technology, combined with the theory of rehabilitation medicine, to simulate the movement rules of human upper limbs in real time, and patients can complete multi-joint or single-joint rehabilitation training in the computer virtual environment. The system also has upper body weight reduction training, intelligent feedback, multi-dimensional space training and a powerful evaluation system. It is mainly suitable for patients with upper limb dysfunction caused by stroke, cerebrovascular malformation, severe brain trauma or other neurological diseases or patients who have recovered

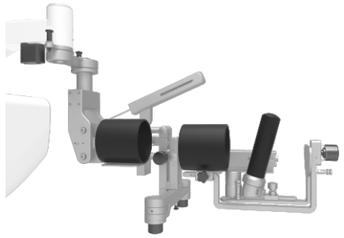
THERAPEUTIC EFFECT

- Promote the formation of isolated movement
- Stimulate residual muscle strength
- Enhance muscle endurance
- Restore joint coordination
- Restore joint flexibility
- Strengthen upper body motor control
- Strong association with ADL
- Recovery of upper limb function

FEATURES

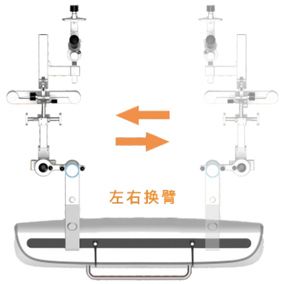
Feature 1: Exoskeleton wrapped structure

- joint support protection
- promote separation movement
- enhanced single joint control
- separately adjustable forearm and upper arm resistance



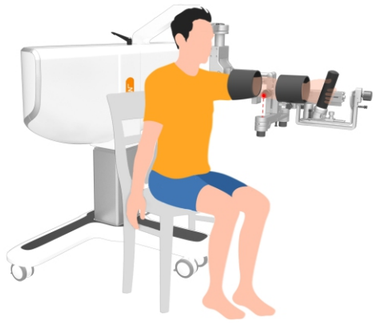
Feature 2: Integrated arm change design

- Easier to change arms



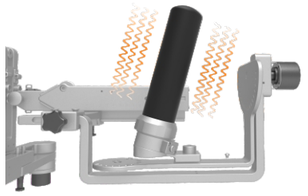
Feature 3: Built-in laser locator

- Accurate positioning of the joint position to ensure safe and efficient treatment



Feature 4: hand grip + vibration feedback stimulation

- Real-Time feedback on grip strength
- Evaluate vibration alerts during training



Feature 5: Accurate evaluation of single joint

Feature 6: 29 scene interactions

- At present, there are 29 kinds of non-repetitive training game

Feature 7: Data Analysis

- Histogram, line graph data summary display
- Comparison of any two evaluation training results

A3

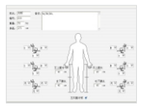
AI Gait Training & Evaluation System

PRODUCT INTRODUCTION

Gait Training & Evaluation System A3 is a device for rehabilitation training of walking dysfunction. It is controlled by a computer and driven by a gait correction device, so that patients can strengthen normal gait memory through repeated and trajectory–fixed gait training in an upright position. This helps to re–establish the walking function area in the brain, establish the correct walking pattern and effectively exercise the relevant muscles and joints to stimulate the recovery of their functions. It's mainly applicable to the rehabilitation treatment of walking dysfunction caused by stroke (cerebral infarction, cerebral hemorrhage) and other nervous system injuries. The earlier patients starts A3 system training, the better functional recovery effect will be.

THERAPEUTIC EFFECT

- Input normal walking gait pattern in early walking training;
- Effectively inhibit and relieve spasm, improve joint range of motion;
- Dynamic weight support, increase proprioceptive input, maintain and improve muscle strength.



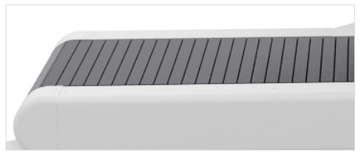
operation interface

situational interaction

treadmill/weight support operation interface

PRODUCT DETAILS

Clinical Use



Medical Treadmill

Gait Orthosis

Weight Support System

Emergency Stop Switch

FUNCTIONS & FEATURES

Walking Robot:
1. Designed according to human gait curve;
2. Equipped with Panasonic servo motors which can accurately control each joint's range of motion and walking speed;
3. Active and passive training modes;
4. Gentle and adjustable guiding force;
5. The abnormal gait habits of patients can be corrected by gait offset;
6. Spasm detection and protection.

Deweighting System:
Static support: used for lifting patient vertically, which makes it easier for patient to stand up from wheel chair.
Dynamic support: used for supporting the body's center of gravity to adjust dynamically up and down during gait cycle.

System–Controlled Treadmill:
The treadmill is automatically synchronized with the gait corrector;
The minimal speed is 0.1 km/h, which is suitable for rehabilitation training;
Buffered treadmill to protect the patient's knee and ligaments.

Virtual Reality Technology:
Set up a training scene for patients to interact with, helping patient immerse in gait training;
Interactive game training makes the treatment more interesting.

Software Function:
Build patient database to record treatment information and treatment plans;
Adjustable treatment plans, precise control and precise rehabilitation;
Real time display of patient's leg resistance curve;
Real–time monitoring of active and passive training of lower limbs and active exertion of patients.

A3-2

Gait Training & Evaluation System

PRODUCT INTRODUCTION

Gait training and evaluation system A3–2 is a lower limb rehabilitation robot for efficient rehabilitation training for walking dysfunction. The product consists of five modules: computer control system, gait correction device system, dynamic and static weight loss system, medical treadmill system and scenario interactive training system. It can enable the patient to strengthen the normal gait memory through repeated gait training with a fixed trajectory in the upright position, and promote the input of the patient's proprioception and the formation of the correct movement pattern, thereby strengthening the remodeling of the brain structure and function, and establishing a correct posture. Walking mode and effective exercise of related muscles and joints, to accelerate the recovery of lower limb functions. It can not only allow patients with poor balance, poor muscle strength, and inability to stand to perform walking training as soon as possible, but also allow patients in the walking training period to get a complete gait cycle training from heel ground to toe

INDICATIONS

Patients with lower limb walking dysfunction caused by neurological diseases (stroke, brain injury or paraplegia, etc.) or patients who need to restore lower limb walking dysfunction after surgery.

FEATURES

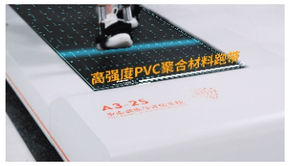
1. The whole system is driven by 7 high–performance motors, providing safe and efficient power;
2. Large–size silent running platform, high–performance PVC polymer material running belt, compressive force of more than 5000kg, ensuring safety and service life;
3. Multiple safety protection functions, combining active stop and passive protection;
4. Abundant clinical data applications and training scenarios, to establish walking patterns close to physiological gait and diversified training games for patients;
5. More than two suspension weight reduction and fixation schemes to improve patient comfort and treatment experience;
6. Intelligent data record feedback and evaluation training report to provide observation basis for patients' functional status and rehabilitation process.

Exoskeleton Gait Correction System

1. The size of the lower extremity exoskeleton, which has been applied and improved for more than 10 years, conforms to the physical characteristics of Chinese people;
2. Driven by a 200w high–power motor, the power output is more stable;
3. The hip depth, hip width, back depth and back width of the lumbosacral region can be independently adjusted, and the part of the adjustment is designed in a wrapped structure to prevent the transmission structure from being exposed and protect the safety of patients and operators.

Medical treadmill system

1. The high–strength PVC polymer material running belt can withstand more than 5000kg of tension;
2. The running platform is wide, providing patients with sufficient and safe walking training space;
3. The treadmill can operate independently, with independent operation interface control, to meet the



Scenario Interactive Training System

1. Abundant game and scenario interactive training scenarios, no less than 6 different game scenarios;
2. Integrated design, the view screen and the operating system are transmitted through the high–definition HDMI data cable, and the real–time response to the scene interaction ensures that the system is synchronized, real–time and stable, and is not interfered by other devices.

Dynamic and Static Weight Loss System

1. The column height of the weight loss system is 268cm, which is suitable for patients with a height of 200cm;
2. More than two suspension weight reduction and fixation schemes to improve patient comfort and treatment experience.

Security system

1. Double–side clapping emergency stop switch;
2. Wireless handheld remote control emergency stop switch;
3. The weight loss system has a manual release protection function when power is off;
4. The spasm detection stop protection function;
5. Equipped with a pulse oxygen pulse rate sensor, which can display the changes of the patient's pulse oxygen pulse rate in real time.

Internet of Things data interface and intelligent report

1. Data feedback during training;
2. Evaluation report;
3. Training report;
4. The upgrade port of the Internet of Things data platform;
5. Upgrade interface for neuromuscular electrical stimulation accessories.

CONTRAINDICATIONS

Severe orthostatic hypotension, fractures; severe osteoporosis; bone and joint malignancy; early postoperative period; severe limitation of joint mobility; acute swelling, acute inflammation, acute strain or sprain, and severe pain; severe cardiovascular system Disease; open wounds at the training site and adjacent sites.

A4

AI Hand Functional Training & Evaluation System

PRODUCT INTRODUCTION

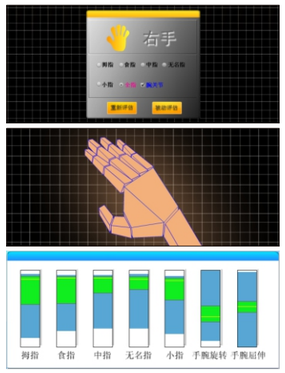
Hand Functional Training & Evaluation System adopts computer virtual technology and combines the theory of rehabilitation medicine to enable patients to complete the hand function training in the computer simulated environment. It's mainly for active training. In the interventional therapy period, patient's hand function has recovered part of the isolated movement and can control the function of active movement. The purpose of the training is to enable the patient to better control the hand movement and increase the movement control duration. A4 is mainly applicable to patients with upper limb finger dysfunction caused by nervous system diseases and patients whose

Assessment Interface

Can do assessment for single-finger, multi-finger and wrist.

Can observe hand activities in real time through three-dimensional simulation of the software and can evaluate the left and right hand separately.

You can see the result of active and passive assessment, green line stands for active assessment, blue line represents passive assessment.



Interface and Games

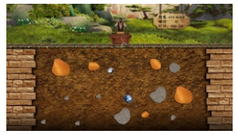
Assessment System

Harvest

Training Settings Interface

Enter Training

Underwater World



Mining Expert

Data View

① ② ④

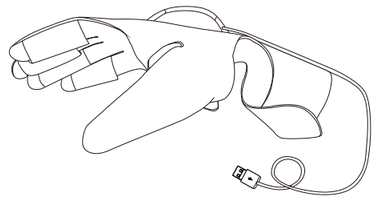
③

① Through the bar chart, you can check the detailed data of active and passive evaluation at different times.

② Through the line chart, you can check the rehabilitation trend of patient at several times or within a certain period of time.

③ You can check the detailed rehabilitation trend of a specific joint.

④ The scene interactive information query function allows you to check all game data from the past.



FUNCTIONS & FEATURES

Targeted Training

Specific finger and wrist joint training or finger and wrist compound training;

Multiplayer Scenario Interactive Training

Scenario interactive training can be carried out by single or multiple people to increase the fun of training;

Intelligent Feedback

Functional and interesting interactive training can generate real-time and targeted exercise information feedback for patients, so that patients can feel the fun of training in the process of hand function training and be encouraged to actively participate in training;

Visual User Interface

The software interface is completely user-friendly, visual window and easy to operate;

Information Storage and Search

Store the patient's treatment information, provide clinical data for the patient's personalized treatment plan and treatment progress;

Print Function

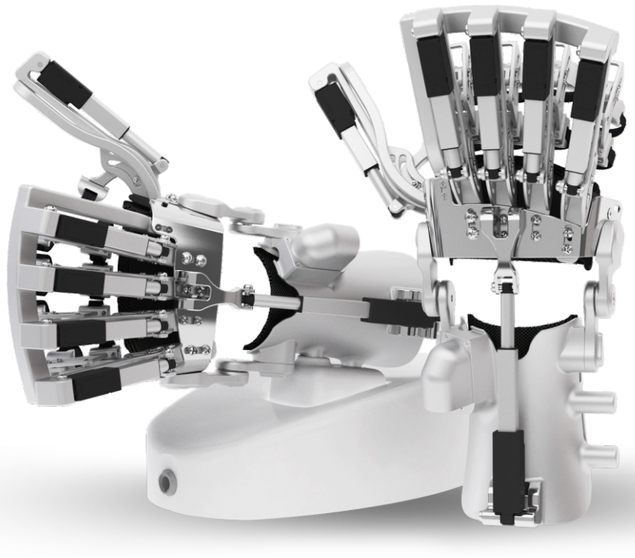
Both assessment data and situational interactive training information can be printed, which is convenient for data archiving;

Assessment Function

Provide basis for therapists to assess patients' degree of rehabilitation; therapists can select training tasks suitable for patients according to assessment results.

A5

AI Hand Functional Active–Passive Training & Evaluation System



PRODUCT INTRODUCTION

Hand Function Active–Passive Training & Evaluation System A5 is a device launched by our company for finger and wrist rehabilitation training. It is developed by simulating the movement rules of human fingers and wrists in real time. It allows patients to carry out compound passive movement training for single finger, multi fingers, full finger, wrist, finger and wrist. Virtual game function and information searching and printing function are also available. Patients can carry out multi–modal and all–rounded rehabilitation training in the computer virtual environment with the help of the robotic hand.

THERAPEUTIC EFFECT

- Promote the recovery of hand function and prevent muscle atrophy;
- Improve patient's hand muscle strength and endurance through progressive training;
- Improve the coordination of various finger joints;
- Through feedback, promote the brain motor area to restore hand motor function through training and establishing the compensatory area of hand function control in the brain.

CLINICAL APPLICATION

Indications:
1. Recovery of joint function after hand and wrist injury;
2. Recovery of joint stiffness and joint function after surgery;
3. Upper limb ADL (activity of daily living) training after central nervous system injury;

Contraindications: bone cancer, joint surface distortion, spastic paralysis, unstable fracture, uncontrolled infection, etc.

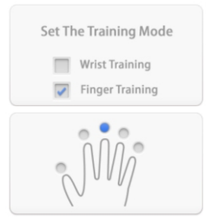
PRODUCT FEATURES

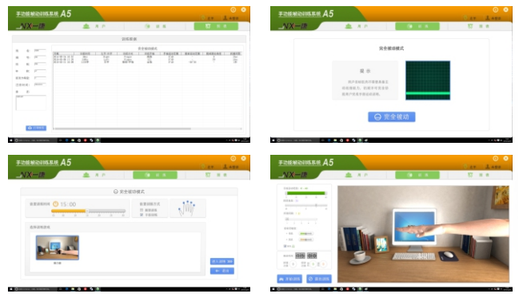
Product Feature 1: Wrist Training

Hand Function Active–Passive Training & Evaluation System A5 can control the range of motion of the wrist to train the wrist independently; it can also fix the wrist at a certain angle, and perform finger activity training alone or wrist and finger activity training at the same time. A variety of training methods are combined to meet the training needs of different patients.

Product Feature 2: Various Hand Compound Training

According to patient's situation, the joint compound training of single finger, multi fingers, all fingers, wrist or different combinations of fingers and wrists can be selected purposefully.





A6-2

Upper Limb Training & Evaluation System

PRODUCT INTRODUCTION

The upper limb training and evaluation system is the first AI three-dimensional upper limb rehabilitation robot in China that realizes clinical application. It applies computer technology and combines the theory of rehabilitation medicine to simulate the movement rules of human upper limbs in real time. It can realize training with six degrees of freedom in three-dimensional space and realize Precise control of three-dimensional space. Can be aimed at the six major movement directions of the three major movement joints of the upper limbs (shoulder, elbow and wrist) (horizontal adduction and abduction of the shoulder joint, forward flexion of the shoulder joint, internal and external rotation of the shoulder joint, flexion of the elbow joint, pronation and supination of the forearm, and palmar flexion and dorsal flexion of the wrist joint extension) for precise assessment, real-time analysis of assessment data, assisting therapists to formulate treatment plans, and improving clinical efficiency. The system has five training modes including passive training, active and passive training, and active training, which run through the entire rehabilitation cycle to achieve full coverage of the rehabilitation cycle. The training function combines a variety of task-oriented virtual interactive games to provide patients with various and personalized training, improve the enthusiasm and dependence of patients, and accelerate the recovery process of patients. Evaluation data and training data for information record storage and data analysis, real-time networking 5G medical interconnection.

INDICATION

It is mainly suitable for upper limb rehabilitation training for patients with upper limb dysfunction or functional limitation caused by central nervous system, peripheral nerve, spinal cord, muscular or skeletal diseases. The product supports specific exercises to increase muscle strength and expand the range of motion of joints, thereby Improve motor function.

FEATURES

Active training mode

The patient can freely drive the robotic arm to move in any direction in the three-dimensional space. The therapist makes individual selections according to the patient's required training joints, selects the corresponding scenario interactive game, and performs single-joint or multi-joint training to improve the patient's training initiative. , to speed up the recovery process.

Passive training mode

Through the "trajectory programming" mode, you can customize and set the required training joint name, range of motion, joint movement speed, etc., develop personalized and targeted passive trajectory training for patients, and train through interesting scenario games to improve The fun of passive training.

Active – Passive training mode

The system assists patients to complete training through the adjustment of the "guiding force". The greater the guiding force, the higher the degree of system assistance, the smaller the guiding force, and the higher the degree of active participation of the patient. The targeted guiding force can be set according to the patient's muscle strength. During the game training process, the patient's residual muscle strength is stimulated to the greatest extent.

Prescription Training Mode

It is more life-oriented and OT-oriented, and involves a variety of activities of daily life training such as combing hair, eating, etc. The therapist can choose the corresponding training prescription to enable patients to quickly train, everything starts from the patient's point of view, and guarantees the patient's health to the greatest extent. Adapts well to activities of daily living.

Trajectory Learning Mode

The first three-dimensional upper limb rehabilitation robot in China that realizes artificial intelligence memory. The system has a cloud memory storage function, which can learn and record the therapist's specific manipulation trajectory, and realize 100% restoration. It can set targeted and personalized manipulation trajectory for different patients. Achieve concentrated, repetitive training, thereby improving patient motor function.

PERSONALIZATION

Automatic Arm Switching: The upper limb training and evaluation system is the world's first AI 3D upper limb rehabilitation robot that can automatically switch the left and right training arms, and the arm can be switched with just one button operation. The operation is simple and the arm can be changed quickly, which reduces the complexity of clinical operation.

Wireless connection: The scene interaction system is connected with the upper limb rehabilitation robot through wireless WIFI, which is easy to arrange and not limited by space.

Laser alignment: Assist the therapist in precise operation, so that patients can train more safely, appropriately and comfortably.

Automatic arm change

Wireless connections

Laser calibration

DATA VIEWING

User: Can perform patient login, registration, basic information search, modification, and deletion.

Evaluation: Evaluate the range of motion of each joint, save the evaluation data, view and print the evaluation results, and record the preset running trajectory and speed of the upper limbs.

Report: You can view the historical training information of the patient.

SL4-3M

AI Active–Passive Training Bike

PRODUCT INTRODUCTION

The upper and lower limbs active and passive exercise assessment training instrument SL4–3M is an intelligent sports rehabilitation equipment. Through the control and feedback of intelligent programs, SL4 drives the upper and lower limbs of patients to complete passive, assist, active, resistance and other modes of exercise training, reaching Improve the function of limb joints and muscles, and promote the recovery of limb neuromuscular control function. The system has built–in exercise programs such as standard, relaxation, strength, endurance, and coordination, which are adapted to the functional recovery training of clinical patients at different stages, and are task–oriented through virtual scenarios to deeply activate the motion control mode.

CLINICAL APPLICATION

It is used for functional rehabilitation of upper and lower limbs in stroke, brain injury, spinal cord injury, cerebral palsy, Parkinson's syndrome, multiple sclerosis and other nervous system diseases, sports injuries and orthopedic diseases.

Team against mode

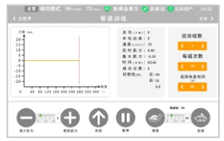
FEATURES

1. User informatization

Patient information is digitized, and training and evaluation information can be stored and printed.

2. Evaluation function

Pain assessment and isokinetic muscle strength assessment are added to quantify the patient's limb function and objectively evaluate functional recovery.



3. Isokinetic training mode

Equipped with professional isokinetic muscle strength training and testing functions, patients can explode the maximum muscle strength at a constant speed, and rapidly

4. Orthopedic training mode

Reciprocating passive movement within a limited range of motion, suitable for postoperative patients or patients with limited limb movement.

5. Prescription training mode

Classic routines for relaxation, strength, coordination, and upper and lower body linkage for quick, standardized training.

6. Game training function

A variety of game training based on neurological rehabilitation and orthopedic rehabilitation encourages patients to participate and improves sports cognition.

7. Software interface

Using a tablet computer as the operating platform, it has seven training modes: standard program, symmetrical game, spring game, relaxation program, strength and endurance program, coordination program, and group confrontation mode. Compatible with multiple devices for simultaneous interconnection and interaction to achieve the effect of team training.

8. Cardiopulmonary monitoring function

The pulse oximeter connected with bluetooth can continuously detect the patient's heart rate and blood oxygen concentration during cardiopulmonary monitoring function training. When the patient's cardiopulmonary function is abnormal, the training intensity can be

YK-7000A3

Deweighting System

PRODUCT INTRODUCTION

The weight loss gait trainer helps patients with limited standing function and balance function to perform standing, balance and stepping training by means of suspension, and can perform normal walking training by subtracting part of the weight load; Get all-in-one training. It can be used in conjunction with sports tablets, and has three training modes, dynamic mode, static mode and balance mode. It is suitable for rehabilitation training for stroke patients, spinal cord injuries, children with cerebral palsy and other patients with muscular atrophy, surgical diseases, amputation and corrective patients, bone joint and nervous system diseases, such as lower limb weakness and spasticity.

FEATURES

(1) Three operating modes:
Dynamic mode: The weight can be adjusted for arbitrary weight loss, and the traction force can be compensated, making it easier for patients to move from squatting to standing when doing squat training;
Static mode: Any weight loss can be adjusted, and the traction remains unchanged. When used with a treadmill, the weight subtracted when starting and falling can be kept constant;
Balance mode: the weight can be adjusted at any weight loss, and the traction force remains unchanged. If the patient slips suddenly, the patient can be locked at a safe height;
(2) Corrective camisole: It can be used for posture correction training of hip, knee, ankle and back leaning forward, backward and sideways during walking training.
Practice, inflatable vest, increase comfort;
(3) Suitable for adults and children; patients can walk on foot;
(4) It has the function of weight loss indication.

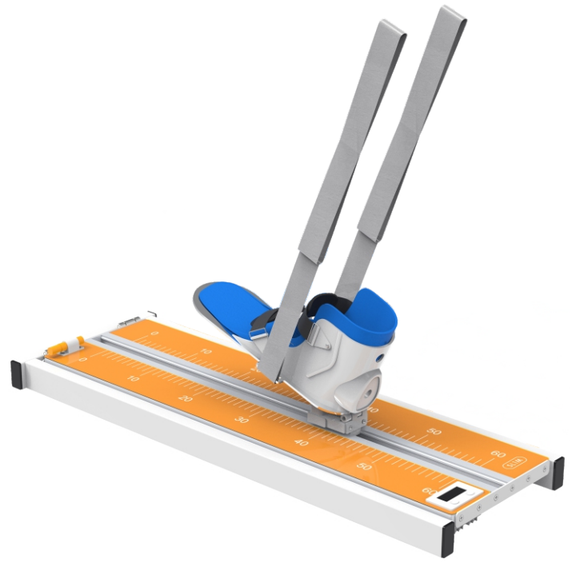
Inflatable sling

Ultra Quiet Air Compressor

High Performance Sports Treadmill

SL1

Knee Joint Active Training Apparatus for Enhanced Rehabilitation



PRODUCT INTRODUCTION

Knee Joint Active Training Apparatus for Enhanced Rehabilitation SL1 is a rehabilitation device that depends on patients to actively drive lower limb movement. Patients can carry out reciprocating CPM training by actively pulling their lower limbs. The lower limb active trainer is applicable to orthopaedic and neurological rehabilitation patients in ward and home conditions to complete lower limb rehabilitation training and maintain lower limb functions. The device is equipped with auto counter and the angle is adjustable, and it can be used in both sitting and lying positions.

PRODUCT FEATURES

1. Training method: It supports two training positions of sitting and lying. After fixing patient's lower limb to trainer, they can perform reciprocating lower limb extension and flexion exercise training.
2. Equipped with 400N air spring assist, which can effectively assist patients to complete lower limb extension and flexion training.
3. Adopt linear dual-axis guide rail sliders and aluminum alloy slide rails.
4. Equipped with a 5-digit training counter, which can automatically calculate the circulation exercise volume of the lower limbs.
5. Adopt professional medical ankle and foot fixation protector, which can be used in patients with postoperative fracture fixation.

CILNICAL APPLICATION

Main functions: lower limb joint range of motion training, muscle strength training around the knee joint.
Applicable departments: orthopedics, rehabilitation, geriatrics, traditional Chinese medicine.
Target users: knee joint active training for postoperative rehabilitation training, nerve injury, sports injury, etc.

YK-M12

Multifunctional Table for Hand Training

PRODUCT INTRODUCTION

Multifunctional Table for Hand Training YK–M12 is a rehabilitation equipment for finger function rehabilitation training in the middle and later stages. It's equipped with 12 movement training modules for various hand movement training. It has four independent resistance adjustment piles, which allows four patients to carry out finger and wrist rehabilitation training at the same time. The equipment helps to enhance joint range of motion, increase muscle strength and coordination and improve hand flexibility, coordination and proprioception. Through active participation, the coordination and motion control of muscle tension in muscle groups can be improved rapidly.

APPLICATION

It's application to patients who need hand function rehabilitation in rehabilitation department, neurology department, orthopedics department, sports medicine department, pediatrics department, hand surgery department, geriatrics department, community hospital, nursing home or nursing facilities.

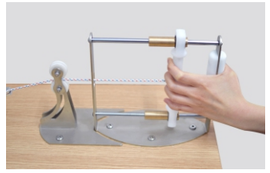
PRODUCT FEATURES

1. It provides 12 hand function training modules, meeting the hand function rehabilitation training requirements of various patients;
2. The resistance adjustment pile design effectively ensures finger safety during training;
3. It allows 4 patients to train at the same time, and they can carry out rehabilitation training in in groups;
4. Effectively combine the cognitive training with the hand–eye coordination training to speed up brain function remodeling;
5. Encourage patients to actively take part in training, and raise their awareness of active participation;

12 Training Modules

Covering All Fine Actions of Hand Function Training

FOREARM ROTATION TRAINING



LATERAL PINCH COORDINATION TRAINING

WHOLE FINGERS PINCH TRAINING

FINGER STRETCH TRAINING

COLUMN GRIP TRAINING

THUMB TRAINING

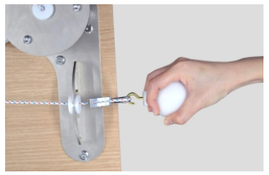
VERTICAL PULL TRAINING

ULNAR DEVIATION, RADIAL DEVIATION TRAINING

WRIST FLEXION AND EXTENSION TRAINING

FINGER FLEXION TRAINING

BALL GRIP TRAINING



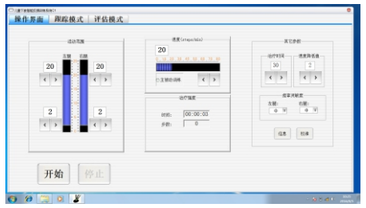
HORIZONTAL PULL TRAINING

C1

AI Lower Limb Intelligent Feedback & Training System for Children

PRODUCT INTRODUCTION

Lower Limb Intelligent Feedback & Training System for Children C1 is a new type of children's rehabilitation equipment for lower limb function recovery based on the principle of neural plasticity. C1 system can simulate the physiological gait of the normal walking, and help patients establish the correct walking patterns with passive and active passive training modes.



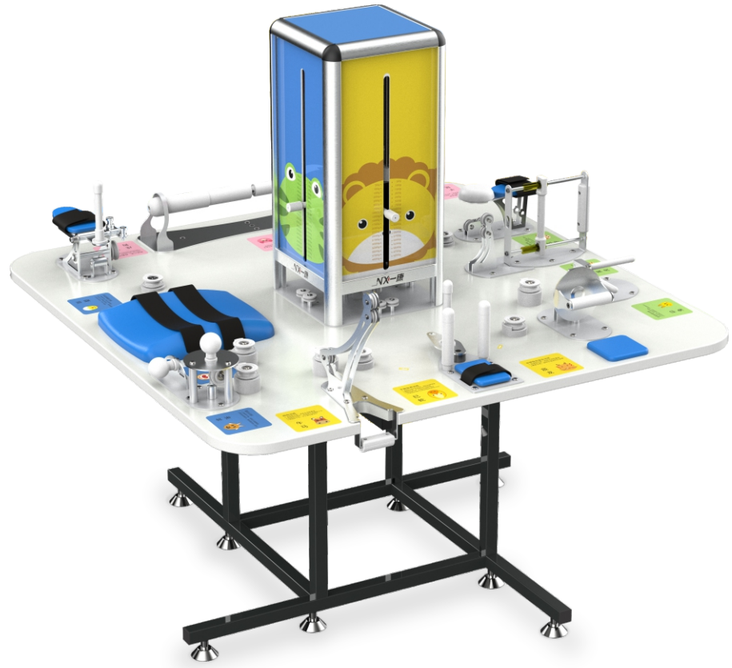
Using independent laptop as operation platform, the simple and intuitive operation interface makes it easy for the therapist to use, and the training parameters can be modified through simple operations. Therapist can spend more time and energy to observe the patient's treatment status;

Set system parameters on the basis of patients' condition (age, height, weight , health condition) and perform rehabilitation training and treatment according to different conditions. Basic parameters include stride length, stride frequency, treatment duration, spasm sensitivity, etc.

Range of motion of the legs can be adjusted independently. The need of single leg rehabilitation training can also be satisfied. Spasm detection sensitivity can be adjusted according to patient's situation.

YK-M12-3

Hand Therapy Table (Child Version)



PRODUCT INTRODUCTION

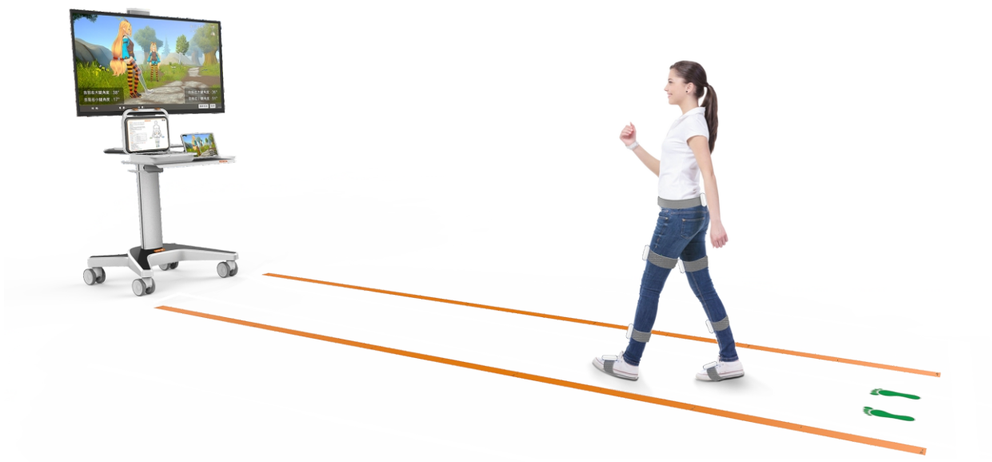
Hand Therapy Table YK–M12–3 (Child Version) is a compound hand function rehabilitation training equipment specially designed for children. It's used in the mid and late stage of rehabilitation cycle. The new design of twelve Chinese Zodiac signs painting correspond to 12 separate hand function training module respectively. And it's equipped with four independent resistance adjustment piles, which allow flexible adjustment of resistance for resistance training. Four patients can carry out finger and wrist rehabilitation training at the same time. Finger and wrist range of motion, muscle strength and endurance can be improved so that fast recovery of hand function can be realized.

PRODUCT FEATURES

1. The 12 Chinese Zodiac signs themed hand function training modules are suitable for children's hand size, which can not only meet their needs of hand training, but also make the hand function training more interesting.
2. Resistance can be adjusted, which can provide effective resistant training and ensure finger safety during training.
3. Four patients can carry out hand function training at the same time, and they can carry out hand function training in form of group training.
4. Effectively combine the fun cognitive training with the hand–eye coordination training to speed up the hand function recovery process after brain function remodeling.
5. Twelve separate movements are integrated so that patients don't need to frequently switch between training sites and thus hand function training efficiency is improved.

A7-2

AI Gait Analysis System



PRODUCT INTRODUCTION

Gait analysis is a special branch of biomechanics, which is a kinematic observation and dynamic analysis of the limbs and joints movement during walking of the human body, providing a series of time, geometry, mechanics and other parameters and curves. It uses electronic devices to record the data of the users' walking gait so as to provide clinical basis and judgment. The 3D gait restoration function can reproduce user's gait, so that observers can repeatedly observe the user's gait from different directions and time periods during walking. In this way, qualitative analysis of the user's gait can be generated. The report data analyzed by the software can also be directly used to analyze users' gait quantitatively.

PRODUCT FEATURES

Wireless real-time transmission: use within 10m, and display the user's lower limb posture on the computer screen in real time.

Gait data records: data can be recorded in the software, which can be played back and analyzed by the user at any time.

Gait evaluation: the software will intelligently analyze the data obtained, and convert the original basic data into intuitive information such as gait cycle, stride, stride frequency and so on.

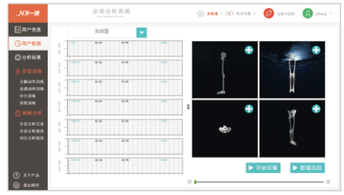
3D restoration function: recorded data can be played back freely in 3D restoration, which can be used for comparison of the conditions before and after treatment or repeated playback of a certain data.

Super long running hours: the device is equipped with a large-capacity battery, which can work continuously for 6 hours and can be used for around 80 patients.

Report customization function: from the report, you can print all the information on the software, or select the information to print according to your own needs, which is suitable for different usage scenarios and printing needs.

INDICATIONS

Applicable to various medical institutions of rehabilitation medicine, orthopedics, neurology, brain surgery and other related clinical department to carry out clinical gait analysis.



MAIN FUNCTIONS

Data Playback Function: The data of a certain time can be reproduced for unlimited times through the 3D mode, so that users can repeatedly observe the details of the gait. This function can also be used for comparison of the degree of rehabilitation before and after treatment.

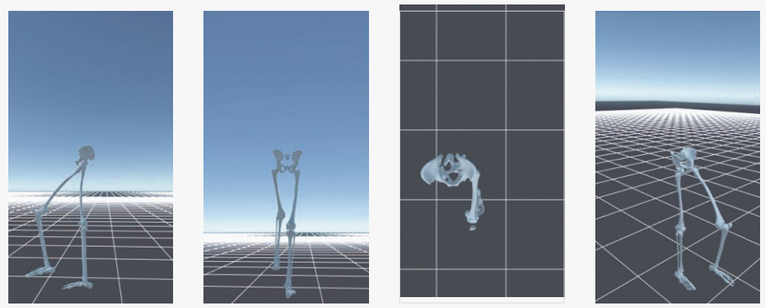
Evaluation Function: It can evaluate the gait cycle, the displacement of each joint of the lower limb, and the angle change of each joint of the lower limb, etc., and present it to users through bar graphs, line graphs, strip graphs, etc.

Comparative Analysis Function: it allows users to conduct comparative analysis of the data before and after treatment, and also allows the users to conduct comparative analysis with the health data of those share the same build with them. Through the comparison, the gait can be analyzed intuitively.

Three-Dimensional View: Provide left view, top view, back view and free view, you can drag and drop any view to view specific joint's situation.

Training Function: Provides 4 training modes with visual feedback:

1. Separate motion training: decompose and separately train the motor patterns of the hip, knee and ankle joints in the gait cycle.
2. Continuous motion training: separately train the motor patterns of hip, knee and ankle joints in the gait cycle of one lower limb.
3. Walking training: step or walk training.
4. Other training: provide motion control training for various motor patterns of hip, knee and ankle joints of the lower limbs.



A8-2

AI Multi–Joint Isokinetic Strength Testing & Training System

PRODUCT INTRODUCTION

Multi–joint isokinetic training and testing system A8 is a comprehensive system for the evaluation and training of relevant programs of isokinetic, isometric, isotonic and continuous passive for six major joints of human shoulder, elbow, wrist, hip, knee and ankle. After testing and training, the testing or training data can be viewed, and the generated data and graphs can be printed as a report for the assessment of human functional performance or researchers' scientific research. A variety of modes can be applied to all stages of rehabilitation to realize the rehabilitation of joints and muscles to the maximum extend.

DEFINITION OF ISOKINETIC

Isokinetic motion refers to the motion that speed is constant and resistance is variable. The motion speed is pre–set in the isokinetic instrument. Once the speed is set, no matter how much force the subject uses, the speed of the limb movement will not exceed the pre–set speed. The subject's subjective force can only increase muscle tone and torque output, but can not produce acceleration.

CHARACTERISTICS OF ISOKINETIC

Accurate Strength Testing – Isokinetic Strength Testing

Comprehensively reflect the strength that the muscle groups exert at each joint angle.
The differences between the left and right limbs and the ratio of antagonistic/ agonistic muscle are compared and evaluated.

Efficient and Safe Strength Training — Isokinetic Strength Training

It can apply the most appropriate resistant for patients at every joint angle.
The resistance applied will not exceed patient's limit, and it can reduce the applied resistance when patient's strength decreases.

INDICATIONS

Motor dysfunction caused by sports injuries, orthopaedic surgery or conservative treatment, nerve injuries and other factors.

CONTRAINDICATIONS

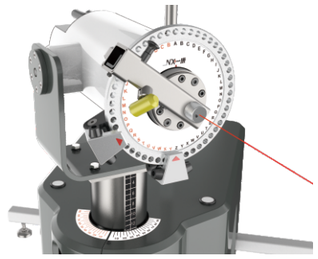
Fracture risk; acute phase of disease course; severe pain; severe joint mobility limitation.

CLINICAL APPLICATION

Orthopedics, neurology, rehabilitation, sports medicine, etc.

FUNCTIONS & FEATURES

1. Evaluation and training of 22 movement modes for six major joints of shoulder, elbow, wrist, hip, knee and ankle;
2. Four motion modes of isokinetic, isotonic, isometric and continuous passive;
3. A variety of parameters can be evaluated, such as peak torque, peak torque weight ratio, work, etc.;
4. Record, analyze and compare test results and improvement;
5. Dual protection of motion range to ensure patients test or train in the safe range of motion.



ORTHOPEDIC REHABILITATION CLINICAL PATHWAY

Continuous Passive Training: Maintain and restore range of motion, alleviate joint contracture and adhesions.
Isometric Strength Training: Relieve disuse syndrome and initially enhance muscle strength.
Isokinetic Strength Training: Quickly increase muscle strength and improve muscle fiber recruitment ability.
Isotonic Strength Training: Improve neuromuscular control ability.

A8-3

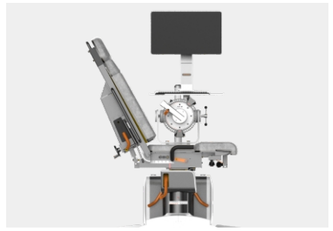
AI Multi–Joint Isokinetic Strength Testing & Training System

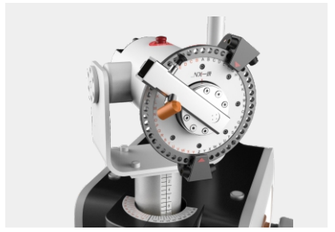
PRODUCT INTRODUCTION

Multi–joint isokinetic training and testing system A8 is a evaluation and training system for the relevant programs of isokinetic, isometric, isotonic, centrifugal, centripetal and continuous passive for six major joints of human shoulder, elbow, wrist, hip, knee and ankle. It's applicable to departments like neurology, neurosurgery, orthopedics, sports medicine and rehabilitation medicine. After testing and training, the testing or training data can be viewed, and the generated data and graphs can be printed as a report for the assessment of human functional performance or researchers' scientific research. A variety of modes can be applied to all stages of rehabilitation to realize the rehabilitation of joints and muscles to the maximum extend.

The isokinetic force test is performed to determine the functional status of the muscles by measuring the series of parameters that reflect the muscle load when the limb performing isokinetic movement. The method is not only objective and accurate, convenient and easy, but also safe and reliable. Human body itself can not produce isokinetic movement, the limbs must be fixed to the instrument lever, and when the limb moves autonomously, the instrument's speed limiting device will keep the limb movement speed at a constant value by adjusting the resistance of the lever to the limb based on the limb strength. Therefore, the greater the limb strength, the greater the resistance of the lever, the stronger the muscle load; and vice versa. At this point, the functional state of the muscles can be assessed by measuring a series of parameters that reflect the muscle load.

The equipment consists of a computer, a mechanical speed limiting device, a seat and accessories. It can test various parameters such as torque, optimal force exerting angle, muscle total work, etc., which can fully reflect muscle strength, muscle explosive force, endurance, joint range of motion, stability and other aspects. This method is accurate and reliable, and can provide various motion modes such as isokinetic centripetal, centrifugal, passive, etc. It is an efficient motor function evaluation and training equipment.





CLINICAL APPLICATION

It is applicable to muscle disuse atrophy caused by reduced movement or other factors, muscle atrophy caused by muscular diseases, muscle dysfunction caused by nervous lesion, muscle strength weakening caused by joint diseases or injuries, muscle dysfunction, and muscle strength training of healthy people or athletes.

CONTRAINDICATIONS

Severe local joint pain, severe limited range of motion, synovitis or exudation, joint and adjacent joint instability, fracture, severe osteoporosis, bone and joint malignancy, early period of postoperation, soft tissue scar contracture, acute swelling, acute strain or sprain.

software homepage

user interface

proprioception

report

FUNCTIONS & FEATURES

Precise rehabilitation evaluation and training system with multiple resistance modes. It can assess and train the six major joints of shoulder, elbow, wrist, hip, knee and ankle with 22 movement modes;

It can assess a variety of parameters such as peak torque, peak torque weight ratio, work, etc.;

Record, analyze and compare test results, set specific rehabilitation training programs and goals and record improvement;

Testing and training data can be viewed during and after testing and training. The generated data and graphs can be printed as a report for the assessment of human body functional performance or researchers' scientific research tool.

A variety of modes can be applied to all stages of rehabilitation to realize the rehabilitation of joints and muscles to the maximum extend.

The training has strong pertinence and can test or train specific muscle groups.

A8mini

Multi–Joint Isokinetic Strength Testing & Training System

PRODUCT INTRODUCTION

The equipment adopts advanced dynamic impedance control technology, integrates multiple functions in one machine, and realizes five training methods: isokinetic, isometric, isotonic, continuous passive training and proprioceptive training. It can carry out sports rehabilitation training for more than 20 movements of the six major joints of shoulder joints, elbow joints, wrist joints, hip joints, knee joints and ankle joints of patients with nerve injuries and sports injuries. Through quantitative function assessment, virtual scene interactive training, sports Data feedback comparison and other rehabilitation exercise methods. The innovative mobile isokinetic provides abundant clinical application possibilities. Intelligent assessment and training, simplified operation process and excellent performance will greatly improve the recovery of muscle strength of patients.

FEATURES

. Five training methods: isokinetic, isometric, isotonic, continuous passive training and proprioceptive training. Provide "one–stop" full–cycle services for musculoskeletal rehabilitation
②, Isokinetic robot for bedside rehabilitation, not limited by space, mobile isokinetic treatment terminal, suitable for different scenarios Small size, movable, available at the bedside, more conducive to early rehabilitation
③. It is a rehabilitation equipment suitable for all stages of neurological rehabilitation (early rehabilitation, mid–term and late rehabilitation)
④, 7 kinds of joint accessories Shoulder joint accessories, elbow joint accessories, wrist joint accessories, forearm accessories, hip joint accessories, ankle joint accessories, steering wheel accessories. It can perform more than 20 kinds of sports rehabilitation training for the 6 major joints of shoulder, elbow, wrist, hip, knee and ankle
⑤. The best power head design in the world–realize the possibility of early rehabilitation in a real sense, the minimum angular velocity of the output shaft is 0.05°/s, and the error accuracy is 0.1%, which truly guarantees the accuracy of evaluation and training.
⑥、The speed of the isokinetic equipment is continuously adjustable, and the magnitude of the torque is continuously variable. In addition, it can act on 6 major joints, so it can ensure that active muscles and antagonistic muscles are trained at the same time in one training session. To achieve the maximum training effect and the most comprehensive evaluation training requirements.

ADAPTATION

Stroke or brain injury, incomplete spinal cord injury, spina bifida, brachial plexus injury and other peripheral nervous system diseases, fracture, early postoperative recovery, local innervation disorder, multiple sclerosis, amyotrophic lateral sclerosis, Duchenne's dystrophy syndrome, spinal muscular atrophy.

MTT-S

Sitting Spine Stability Assessment Training Instrument

PRODUCT INTRODUCTION

According to clinical research results and patient surveys, when patients with low back pain and other symptoms of back pain aggravate, the excitability and activity of the trunk core muscles in daily activities are inhibited, and the function of the trunk muscles decreases. The seated spinal stability assessment training instrument MTT–S is designed according to the biomechanics and ergonomics of human body movement, so that patients can intuitively see the contraction control of their trunk stabilization muscles from the display screen during training. And according to the voice and visual prompts of the interactive game, conscious active control of the trunk, posture control and effective activities are carried out, so as to promote the "activation" and strengthening of the core muscles of the trunk, so as to achieve the purpose of rehabilitation.

FEATURES

Feature 1: 10.5–inch high–definition flat panel, integrated operation display, easy to operate, portable and movable, and the use is not limited by body position, posture, and venue;
Feature 2: High–precision dynamic assessment of the range of motion of the spine in sitting posture shows that the measurement accuracy is 1mm, which provides objective basis and data support for the evaluation of clinical low back function, spinal stability and core muscle strength.
Feature 3: Incremental situational interactive game training stimulates the activity of the core muscles of the lower back and enhances the active control ability of spinal stability and posture stability.
Feature 4: Exclusive adjustable resistance pull ring.
1. Equipped with double–sided resistance adjustable tension rings, real–time dynamic display of tension, providing incremental resistance for evaluation and training, improving evaluation accuracy, and strengthening training effects.
2. The resistance of the tension ring is adjusted by the rocker arm, and the resistance is accurately displayed.
3. The width of the arms of the tension ring on both sides is adjustable, which is suitable for patients with different shoulder widths.
Feature 5: Intelligent analysis and display of evaluation and training reports.

ADAPTATION

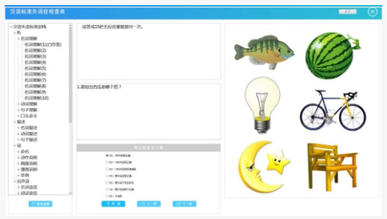
Orthopedics: spine degenerative changes, inflammation, injury and other low back musculoskeletal diseases.
Rehabilitation Department: abnormal back function caused by nerves, orthopedic injuries, and senile diseases.
Sports Medicine: Low back pain caused by acute and chronic injuries.
Acupuncture and Tuina: osteoarthritis, chronic strain.
Department of Traditional Chinese Medicine: cervical spondylosis, lumbar spondylosis. Pain department: acute and chronic pain, chronic muscle strain.

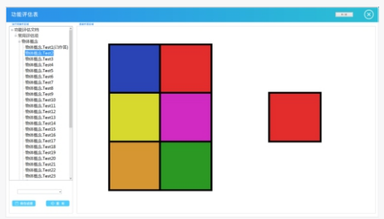
ES1

AI Language and Cognitive Rehabilitation System

PRODUCT INTRODUCTION

Speech and Cognitive Rehabilitation System ES1 mainly conducts speech and cognitive training for patients with speech and cognitive dysfunction. The system has comprehensive and abundant training materials. The training materials can be selected according to the different conditions of patients, and audio and video are provided through multimedia computers to stimulate interest, raise attention, enhance participation, boost learning efficiency and improve speech ability of patients. The system provides a large number of training and assessment test programs.





PRODUCT FEATURES

- Light and flexible structure;
- Double-screen design, doctors and patients face different display screens, and patients use touch screen, which can improve training effect;
- Personalized style software interface;
- Information and data are stored in a database, which is convenient for management and printing;
- The training themes are rich and varied, and various training contents are provided. Different training plans can be selected according to patient's condition;
- Professional design of assessment forms;
- Use multimedia computer to provide sound and image to stimulate and arouse patients' interest, so as to improve attention and learning efficiency.

PROFESSIONAL ASSESSMENT FORM

The professional and universal Chinese Standard Aphasia Checklist, Western Aphasia Battery (WAB), and Dysarthria Assessment Summary Table (Frenchay) are used.

Functional assessment is carried out in conjunction with training. It can be used not only for assessment, but also as an extension of training subjects.

DATA MANAGEMENT AND PRINTING

The patient information and evaluation database are stored in Microsoft Office Access 2000 database, and the software has realized the function of printing with external printing device.

RICH TRAINING MATERIALS

Comprehensive training category:	Including training I, training II and verbal communication training;
Training I materials and amount:	Including single choice training and communication training. Single choice training includes 19 types of questions: algorithm, animal voice, playing cards, looking, spelling, number two, counting, direction concept, clock, watercolor, subtraction 1, subtraction 2, subtraction strawberry, item concept, space concept, memory, maze walking, overlapping graphics and color recognition; Communication training includes 9 types of training: listening comprehension training of nouns, verbs and sentences, retelling training, speaking and expression training, read out training, reading training, copying training, description training, dictation training and calculation training.
Training II materials and amount:	There are 18 types of questions, including perceptual comprehensive training, size concept, contrast, direction concept, primary calculation, advanced calculation, primary memory, transportation, spatial positioning, continuous thinking, daily life, daily expression, listening and attention training, object matching, primary shape, primary color, advanced color and speech communication training.
Verbal communication training materials and amount:	Including video teaching, articulation training games, vowel pronunciation mouth shape training and consonant mouth shape training.
Functional assessment items:	It includes Functional Assessment Form, Chinese Standard Aphasia Checklist, Western Aphasia Battery (WAB), and Dysarthria Assessment Summary Table (Frenchay).

PE1

Neuromuscular Electrical Stimulator

INDICATIONS

1. Normal muscle electrical stimulation therapy is mainly used clinically to prevent and treat disuse muscle atrophy of muscles, increase or maintain joint mobility; perform functional training on muscles with neuropraxia and enhance normal muscle strength; treat spastic muscles; Correction of deformities such as scoliosis, flat feet, shoulder prolapse, etc.
2. Denervated muscle electrical stimulation therapy is mainly used for muscle paralysis and atrophy caused by lower motor neuron damage, such as facial nerve paralysis; ulnar, radial, and median nerve injuries; lower limb weakness caused by sciatic nerve; tibial and peroneal nerve paralysis wait.

CORE ADVANTAGES

Multi-channel output mode: synchronous, asynchronous and independent output functions, satisfying the personalized channel for single person with multiple affected areas and multiple people to treat at the same time.

Working frequency: the frequency is adjustable from 1Hz to 180Hz, and the pulse period is adjustable. The current output has no risk of electrolysis, and the output frequency range can cover the training requirements of different muscle groups.

It has the function of prompting the electrode pads to fall off: when the electrode pads fall off due to other reasons, the device will stop the output of the channel and give a corresponding prompt to ensure the safety of the patient's treatment.

At the end, the output knob automatically returns to the starting position.

High-definition touch screen design: quick operation interface, no cumbersome menus, clear parameters at a glance, equipped with anti-scratch and anti-slip screen.

PE2

Intermediate Frequency Electro Therapeutic Apparatus

INDICATIONS

Sprains, constipation, contusions, gastroptosis, arthritis, children with cerebral palsy, periarthritis, gastrointestinal disorders, sciatica, functional electrical stimulation, stroke sequelae, oppression, tension, urinary incontinence, functional electrical stimulation, etc.

THERAPEUTIC EFFECT

Improve smooth muscle tension; promote blood circulation in local tissues; exercise skeletal muscles to prevent muscle atrophy; relieve pain.

FEATURES

A variety of therapies, comprehensive application of audio current therapy, pulse modulation intermediate frequency therapy, pulse modulation intermediate frequency current therapy, sinusoidal modulation intermediate frequency current therapy, with wide indications and remarkable curative effect;

Preset 99 expert treatment prescriptions, which are stored in the computer, so that patients can feel the whole process of multiple pulse actions such as pushing, holding, pressing, knocking, dialing, tremor, and shaking during the treatment process;

Local therapy, acupoint therapy, hand and foot reflexology. It can be used flexibly for different diseases.

PE4

Low Frequency Electrotherapeutic Apparatus

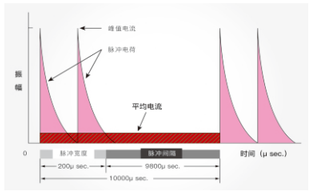
PRODUCT INTRODUCTION

Low–frequency therapeutic instrument PE4 is a multi–channel, multi–mode, environmentally friendly low–frequency therapeutic instrument. It belongs to a low–frequency high–voltage electrotherapeutic instrument. It directly inputs low–frequency high–voltage pulse current into the lesion area of the human body and the corresponding meridians and acupoints. point, forming a strong current return circuit in the body, promoting the formation and orderly movement of free electrons, transforming the conduction of pathological meridians in the body from unbalanced to balanced, promoting the recovery of nerve conduction function, unblocking meridians, and improving the disease. Healing, so as to achieve the purpose of curing diseases and health care, its multi–channel simultaneous output provides a curative effect similar to traditional Chinese medicine for treatment. Applicable to rehabilitation physiotherapy room, pain department, acupuncture and massage department, orthopedics department, neurology department, geriatric department, etc.

FEATURES

1. The button automatically resets to zero after treatment; 2. There are eight treatment modes; 3. The maximum treatment voltage is 300V±15%; 4. 12 independent output channels, 24 point suction cups.

Low–frequency high–voltage electrotherapy, while increasing the voltage, shortens the pulse width of the treatment time, and enables the treatment to reach deeper tissues while ensuring the comfort of stimulation.

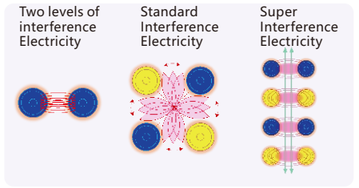


PE5

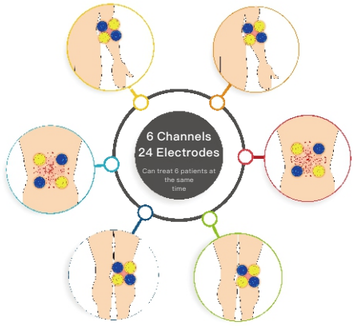
Interferential Electrotherapeutic Apparatus

PRODUCT INTRODUCTION

Interferential electrotherapy instrument PE5 is further developed on the basis of traditional interfering electrotherapy and dynamic interfering electrotherapy. The low–frequency interfering endogenous current formed in the body can inhibit sensory nerves, and at the same time promote the expansion of capillaries and arteries, and improve local blood circulation. Changes are beneficial to the absorption of inflammatory exudate and edema. The low–frequency difference generated by interference uses the higher penetration of medium–frequency current than low–frequency current to penetrate into the deep layer of human tissue.



Heating and insulation



FEATURES

1. Conductor detachment monitoring function, over–current protection circuit;
2. Current balance adjustment, automatic zero return after button treatment;
3. Carrier frequency: 2.5KHz, 4.0KHz, 5.0KHz;
4. Difference frequency: 0~199Hz adjustable .

PE6

Medium Frequency Electrotherapeutic Apparatus

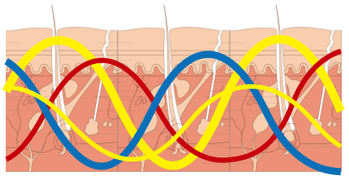
PRODUCT INTRODUCTION

Based on the traditional interference electrotherapy (interference wave), the medium–frequency therapeutic instrument PE6 modulates the medium–frequency current with a low frequency through a large frequency change, so that the low–frequency wave is transmitted on the surface of the body, and the medium–frequency wave is transmitted to the inside of the body. To achieve the therapeutic effect of changing the deep muscle affected part by changing the treatment frequency, so that the stimulation can be transmitted to the deep part of the muscle layer.

FUNCTIONS & FEATURES

1. A display board with heat preservation function;
2. Automatically reset to zero after the button treatment;
3. There are three modes for wrist and elbow, knee and shoulder;
4. Two channels, which can treat two groups of 8 electrodes at the same time;
5. There are digital icons for frequency conversion therapy.

The carrier wave changes from 1000Hz to 11000Hz, deep to shallow frequency modulation treatment, and eight electrodes fit together, so that patients can feel the stimulation experience of the whole back from the inside to the outside.

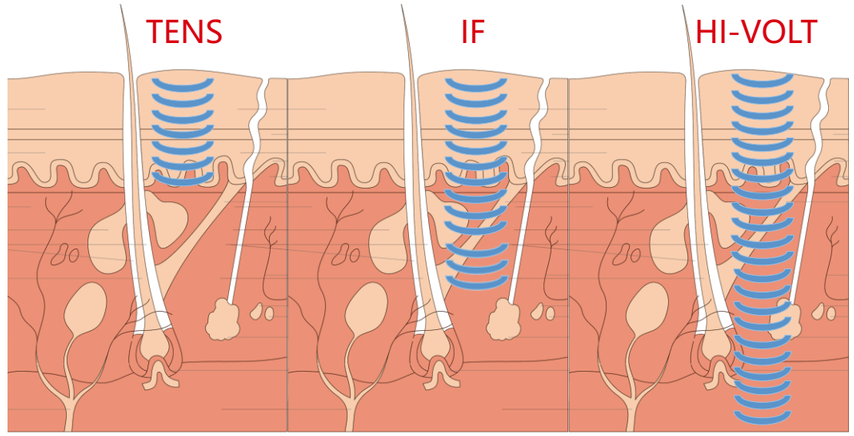


Comprehensive clinical application

PRINCIPLE OF TREATMENT

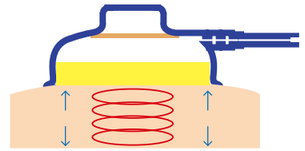
According to the mechanism of action of the gate theory, the massage effect of electrical stimulation can release morphine–like substances from the human body, and low–intermediate frequency equipment has a clear

The treatment technology of electrotherapy, from low frequency, medium frequency, interference electricity to high voltage, and then to the frequency conversion dynamic treatment technology from shallow to deep, from inside to outside, is being introduced step by step to bring deeper and more comfortable patient experience.



FEATURES

Pulse negative pressure adsorption has the effect similar to cupping, stretches the gaps in the tissue, allows the pores to fully open, improves the blood circulation of the tissue, is more conducive to pain relief, and is convenient for the therapist to operate.

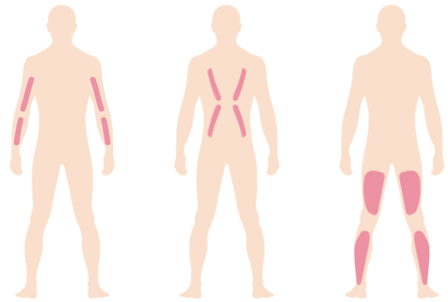


INDICATION

Soft tissue analgesia, promote local blood circulation, excite and dilate blood vessels and nerves; strengthen the discharge of pain–causing media and harmful pathological metabolites, and reduce edema and tension between tissues and nerve fibers.

CLINICAL APPLYMENT

Rehabilitation, physiotherapy, pain, massage, acupuncture, traditional Chinese medicine, orthopedics,
Cadre recuperation department, geriatric department, community rehabilitation and sports medicine department, etc.



PS2

Shockwave Therapy Apparatus

PRODUCT INTRODUCTION

The shock wave therapy instrument converts the pneumatic pulse sound waves generated by the compressor into precise ballistic shock waves, which are transmitted through physical media (such as air, liquid, etc.) to act on the human body to produce biological effects, which are high-energy generated by the sudden release of energy. Pressure wave has the characteristics of instantaneous pressure increase and high-speed transmission. Through the positioning and movement of the treatment head, it can loosen adhesions and dredge tissues in human tissues where pain occurs extensively.

INDICATIONS

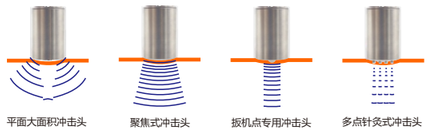
Orthopedics: bone nonunion, delayed bone healing, osteonecrosis. Rehabilitation Department: soft tissue chronic injury diseases, plantar fasciitis, frozen shoulder, Achilles tendon tendinopathy, lateral epicondylitis of humerus,
Tennis elbow, patellar tendonitis, tenosynovitis. Sports Medicine: Pain caused by acute and chronic injuries. Acupuncture and Tuina: osteoarthritis, chronic strain. Department of Traditional Chinese Medicine: cervical spondylosis, lumbar spondylosis.
Pain anesthesiology: acute and chronic pain, chronic muscle strain.

PS3

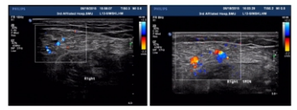
High Energy Muscle Massager Gun

PRINCIPLE OF ACTION

Studies have found that fatigue and disease can shorten the length of muscle fibers and create spasms or trigger points, which can stimulate and relax muscles by applying external pressure or impact. HDMS's patented cushioning high-energy impact head can effectively reduce the energy loss of shock waves in the process of propagating muscle tissue, so that high-frequency vibration can safely and effectively enter the deep muscle tissue of the limbs, help comb the myofascia, and promote blood and lymphatic return. , promote the recovery of muscle fiber length, relieve muscle tension. By using the HDMS high-energy deep muscle stimulator, it relaxes and regulates the length of muscle fibers according to the principle of muscle self-inhibition, causing the muscle tension to increase, the tendon is excited by stimulation, and the impulse is transmitted to the center along the sensory nerve, thereby radiating the muscles. The diastole achieves the effect of relaxing muscles.

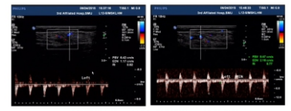


HDMS1min后血流变化



HDMS治疗后，腓肠肌内侧头血流分级明显增加。

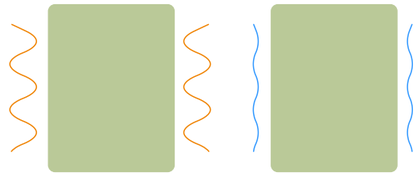
HDMS1min后肌肉阻力指数变化



HDMS治疗后肌肉阻力指数明显降低，标示肌肉得到松弛。

INDICATIONS

1. Relieve excessive muscle tension
2. Improves Spinal Posture
3. Correct muscle imbalance
4. Release myofascial adhesions
5. Loose joints
6. Stimulation of receptors



TECHNICAL FEATURES

1. Imported DC motor, high-quality titanium alloy
2. Buffer impact energy storage and release system
3. Reduce invalid vibration and shock, the sound is about 65 decibels
4. A number of newly designed and original treatment heads

PL1

Point–Mode Infrared Therapy Apparatus

PRODUCT INTRODUCTION

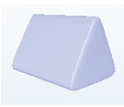
PI1 point–type infrared light therapy instrument adopts advanced non–contact photoelectric technology, which can generate point–type infrared polarized light with a wavelength of 700–1600nm. Combined with the three–dimensional cantilever dual–channel output design, it can satisfy the meridian points of two patients or multiple parts at the same time. , Pain point irradiation. The point–type infrared light therapy instrument mainly uses the light source to release heat energy for diagnosis and treatment. Through various treatment heads and various output modes, the body surface is irradiated with arbitrary intensity and precise positioning, so that the light energy can act on different parts and different depths of soft tissues, ganglia, nerve trunks, and nerves. Roots and treatment parts of TCM meridians to achieve effective treatment of soft tissue inflammation, nerve pain and other diseases and accelerate tissue healing, perfectly realizing the targeted treatment goals advocated by modern rehabilitation medicine.

INDICATION

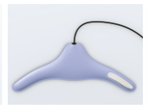
Rehabilitation: chronic pain, sports injury, peripheral nerve injury, multiple peripheral neuritis, spastic or flaccid paralysis, etc. Surgery: dermatology, burns, postoperative wound healing, skin and soft tissue infection, etc. Pain: neck, shoulder, waist, and leg pain, acute and chronic pain, chronic postoperative pain syndrome (CPSP), etc. Orthopedics: cervical spondylosis, shoulder and neck pain, low back pain, osteoarthritis, tenosynovitis, bursitis, rheumatoid arthritis, etc. And otolaryngology, urology, gynecology and other anti–inflammatory fields.

YK-6000D

Traction Table with Heating System



Triangle



Neck heating pad

Operation interface

INDICATIONS

Cervical spine: cervical spondylosis, dislocation, cervical muscle spasm, intervertebral joint disorder, cervical vertebral artery distortion, cervical ligament disease, cervical disc herniation or prolapse, etc.
Lumbar spine: lumbar muscle spasm, lumbar disc herniation, lumbar functional scoliosis, lumbar functional scoliosis, lumbar degenerative (hypertrophic) osteoarthritis, lumbar synovial tissue incarceration and facet joint disorder caused by acute and chronic lumbar injuries disease

FEATURES

1. Dual–channel independent operation, dual–neck configuration, flexible allocation of treatment resources;
2. Warming function: It can heat the neck and waist at the same time of traction, automatically identify the heating of the neck and waist, and the temperature can be adjusted accurately to improve the treatment effect;
3. Continuous traction, intermittent traction, main and auxiliary traction;
4. The traction force can be set arbitrarily from 0 to 99KG, and the traction force can be increased or decreased arbitrarily during the traction process, without stopping to set;
5. Automatic compensation: when the real–time value of the traction force deviates from the set value due to a sudden unexpected movement of the patient, the microcomputer controls the traction host to automatically compensate immediately to ensure the constant traction force and the safety of the patient;
6. Safety design: equipped with dual–channel independent emergency stop switch;
7. Set value lock function: the set traction force and traction time can be locked, and the set value will not be changed due to misoperation;
8. Automatic fault detection, indicating faults with different codes, stop treatment, and normal use after troubleshooting.

YK-5000A

Alternating Magnetic Field Therapy Bed

FUNCTIONS & FEATURES

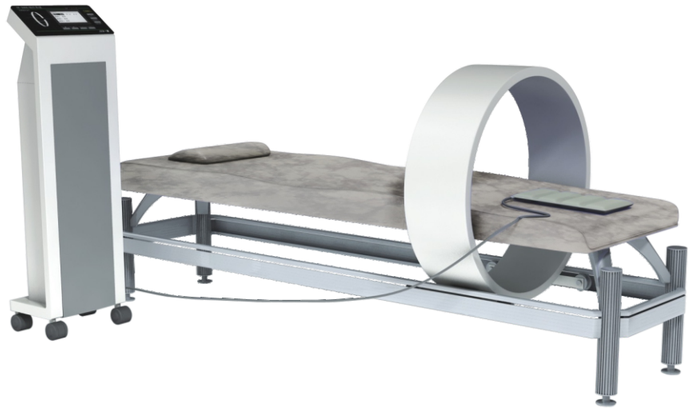
Safe and reliable with software and hardware double guarantee.

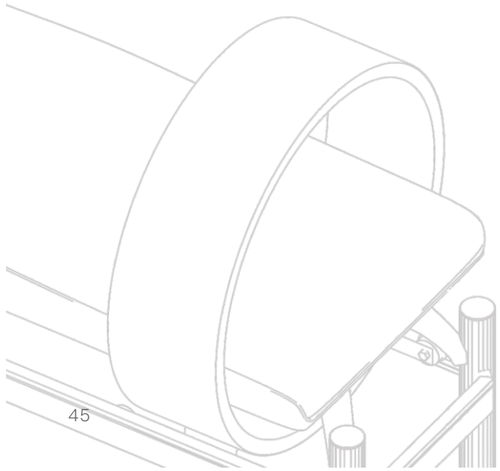
Closed–loop feedback design, precise control and real–time tracking of software.

Combine vibration, heating and magnet therapy in one, ensuring the best treatment effect.

Bed with ergonomic curve design.

Synchronous background music is provided to help patient relax.





FUNCTIONS

1.Pain Relief:

Improve blood circulation and tissue nutrition, increase the activity of pain–causing substance hydrolase.

2.Diminish Inflammation & Detumescence:

Accelerate blood circulation, improve tissue permeability, increase the activity of enzymes and decrease the concentration of inflammatory substances.

3.Calm:

The main effects on CNS are to enhance inhibition, improve sleep, relieve muscle spasm and relieve itching;

4.Lower Blood Pressure:

It can regulate the meridians and vegetative nerves, dilate blood vessels, reduce blood lipids, improve CNS regulation function and improve sleep;

5.Osteoporosis Treatment:

Improve biological field, accelerate the growth of bone tissue, improve the bone mineral density of the whole body and treat osteoporosis.

YK-5000B

Alternating Magnetic Field Therapy Bed

PRODUCT INTRODUCTION

Yk–5000 magnetic therapy system realizes high–precision magnetic field control based on microprocessor. According to the principle of magnetic field treatment on human body, it uses ultra low frequency and precisely and scientifically controls the effect of magnetic field on human body. It is widely used in bone joint and soft tissue injuries, nervous system diseases, vascular diseases, respiratory diseases, skin diseases and especially osteoporosis treatment.

YK–5000 is a versatile all–round magnetic therapy system. The mobile solenoid design allows for more flexibility in targeting different parts of the patient. The system provides a large number of prefabricated prescriptions for different diseases. It has four completely independent channels and the parameters can be set arbitrarily so that four patients can receive treatment at the same time.

CLINICAL APPLICATION

Indications: Osteoporosis

Bone Joint and Soft Tissue Injury:

Osteoarthritis (pain), rickets, bone necrosis, fractures, delayed fracture healing, prosthetic joint, sprains, lumbago and back pain, arthritis, chronic myotenositis etc.

Nervous System Diseases:

Muscle atrophy, disturbance of vegetative nervous function, menopausal syndrome, sleep disorder, shingles pain, sciatica, lower limb neuralgia, facial neuralgia, general paralysis, depression, migraine etc.

Vascular Diseases:

Arteriosis, lymphedema, Raynaud's syndrome, leg ulcers, venous curve, etc.

Respiratory Diseases:

Bronchial asthma, chronic bronchopneumonia, etc.

Skin Diseases:

Radiation dermatitis, squamous erythematous dermatitis, papules edema dermatitis, burns, chronic infection, scar, etc.

YK-8000E2

Electric Tilt Table

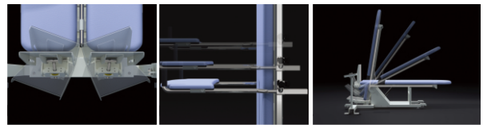
CLINICAL APPLICATION

It mainly treats patients who have been bedridden for a long time due to physical weakness, insufficient active movement of paralyzed limbs and abnormal muscle tone. Tilt Table training can help patients reduce the occurrence of various complications, relieve systemic muscle atrophy, improve postural hypotension and other complications. It can maintain the stress load of the spine, pelvis and lower limbs, and is an effective means to promote functional recovery of patients .

YK-8000E1

FUNCTIONS & FEATURES

- Linak motor and pneumatic spring double protection, safe and stable;
- It starts and stops slowly, making patients more comfortable;
- The wide fixing straps for chest, waist and knee fixation are extremely comfortable;
- Continuously adjustable armrest and table board facilitate the training of patients of different heights;
- Adopting high elastic sponge, the bed surface is durable and not easy to deform;
- Spacious bed and foot pedals that can be turned inside-out and adjusted up and down;
- Equipped with a reading and writing board, which is convenient for patients to read or eat when they stand for a long time;
- The armrest of the table board can be adjusted up and down, front and rear.



YK-8000A

Electric BoBath Table

Denmark LINAK motor, quiet without noise

Pneumatic springs, increasing stability and safety

PRODUCT INTRODUCTION

The Electric Bobath Table consists of a lifting bed body and a mobile mattress board disposed on the bed body. There's a hinged structure between the head backrest section and the middle lying section of the mobile mattress board, and the head backrest section of the mobile mattress board is positioned by high quality pneumatic springs, which is safe and reliable. The lifting and lowering of the bed is driven by the lifting and lowering unit installed under the bed frame, which has strong thrust to ensure safety and stability of bed operation.

FUNCTIONS & FEATURES

The Electric Bobath Table is designed for the rehabilitation of patients with nervous system diseases; the wide bed space allows patients and therapists to have considerable space to complete various rehabilitation training and treatment techniques.

The lower operating height (43-95 cm) provides better conditions for patients to complete movement, balance and standing training.

The pneumatic spring-assisted backrest can be adjusted between 0-85° to provide support during recumbent and seated exercises.

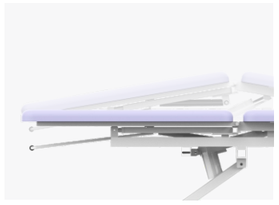
According to the clinical requirement, YK-8000A electric lifting treatment bed has two kinds of width for selection and the hand and foot switch control are also optional.

YK-8000C3

Three Sections Multi–Position Medical Treatment Bed

PRODUCT INTRODUCTION

Three Sections Multi–Position Medical Treatment Bed adopts three–piece bed surface design with simple structure and adjustable prone position selection, which can provide an effective and convenient drainage position for patients with some lung–related diseases, and increase the comfort level. Through simple bed surface adjustment, body position treatment can be realized, and the corresponding tense muscles can be relaxed. It can also be used in conjunction with other equipment for rehabilitation training and treatment. The equipment is equipped with pneumatic spring armrests and double–ring foot control switch to control the lifting of the bed and the adjustment of bed surface, which is easy to operate, safe and intelligent.

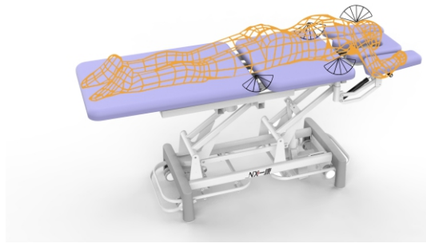


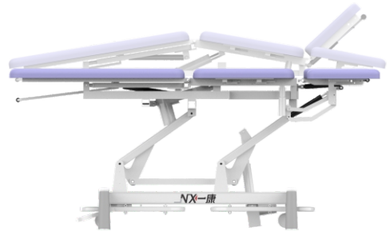
YK-8000C4

Five Sections Multi–Position Medical Treatment Bed

PRODUCT INTRODUCTION

Five Sections Multi–Position Medical Treatment Bed is a new type of manipulation bed equipment developed according to the application idea of multi position treatment bed. The bed surface is divided into 5 sections, and different supine and prone positions can be adopted according to therapists' needs in clinical practice. By adjusting the angle of each section, it is convenient to realize the treatment of different flexion and extension positions for patients with cervical, thoracic and lumbar diseases, and assist the therapists to achieve treatment goals. The equipment is equipped with pneumatic spring armrests and double–ring foot control switch to control the lifting of the bed and the adjustment of bed surface, which is easy to operate, safe and intelligent.



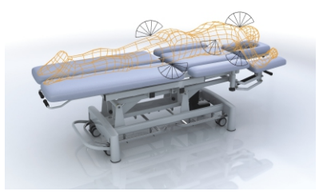


YK-8000C1

Eight Sections Multi–Position Medical Treatment Bed

PRODUCT INTRODUCTION

Eight Sections Multi–Position Medical Treatment Bed has multiple functions. The bed surface is divided into multiple sections. Each section is equipped with pneumatic springs and the angles are adjustable to facilitate the adjustment of patient's treatment posture. The equipment is equipped with pneumatic spring armrest and the armrests are up and down adjustable and 360°plane rotatable so that patients can receive treatment in comfortable postures. The leg sections are separated, allowing patients to complete various independent rehabilitation training of a single lower limb. Adhering to the people–oriented principle, Yikang Medical always puts patients' safety and comfort and operators' convenience in the first place. Scientific mechanical structure and reasonable transmission system ensure



YK-8000C2

Nine Sections Multi–Position Medical Treatment Bed

PRODUCT INTRODUCTION

Nine Sections Multi–Position Medical Treatment Bed is a multifunctional treatment bed. According to different functions, the bed surface is divided into nine sections and the lumbar and back part are rotatable. The bed surface is divided into nine sections, each section is equipped with pneumatic springs and the angles are adjustable so that treatment can be done safely and effectively using a variety of methods. This product is equipped with pneumatic spring armrests and the armrests are up and down adjustable and 360°plane rotatable, which facilitates patients to adjust to comfortable postures. The leg sections are separated, allowing patients to complete various independent rehabilitation

FUNCTIONS & FEATURES

Adopt Danish LINAK motor, quiet without noise;

Each section is adjustable;

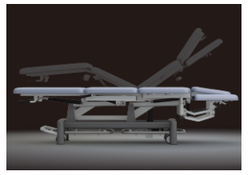
The armrest is adjustable up and down, can be rotated 360° on the plane, and has three fixed positions;

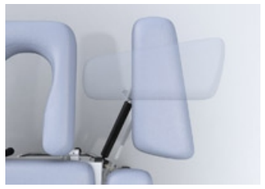
Four–direction foot controlled switch;

Antibiotic and wear–resisting PU leather;

Retractable, ultra silent casters;

Adopt Germany pneumatic spring for flexible and safe application.





The overall solution for the planning and construction of intelligent rehabilitation medical center

With the development of the rehabilitation medical industry, the demand for the rehabilitation medical market is constantly escalating. Starting from the market development needs, the company continues to expand new service forms and forms a solution for the overall planning and construction of the rehabilitation medical center, aiming at through site planning, personnel training, The input of elements such as technical resource input and standardized management, based on the concept of green, technology, and caring, provides a series of solutions for the hospital to create a rehabilitation medical center with sound systems, complete functions, and outstanding features. .