



# RAINBOW

**ROBOTIC PHYSIOTHERAPY**

- Robotic Exoskeleton
- Anti Gravity Treadmill
- Robotic Arm Arneo
  - Manual Therapy
- Unweighing System
  - Cupping Therapy
- Dry Needling Therapy
- Exercise Therapy
- Cardiac Rehab Training
- Neuro Rehab Training
  - Upper Body Cycle
  - Lower Body Cycle

Next to Rainbow Medinova Diagnostic Services  
281, Central Bazar Road, Ramdaspeth, Nagpur-10



## ROBOTIC ARM ARMEO SPRING



Armeo Spring is the latest and one of the best upper body robotic arm exerciser with games from HOCOMA (Switzerland), internationally acclaimed and suitable for all age groups. It is passive instrumental arm orthosis with spring mechanism providing adjustable weights. The orthosis facilitates movement exercises are displayed on a computer screen games.

**INDICATION: 1. Hemiplegic Patient 2. Frozen Shoulder 3. Nerve Injuries**



## ALTER G



World renowned anti gravity treadmill by Alter-G, USA with Patent NASA technology of "DIFFERENTIAL AIR PRESSURE". By this technology air pressure is used to reduce the patient body weight on the treadmill by 20% to 100% of normal weight.

### **INDICATION:**

1. Rehabilitation of Bilateral knee osteo Arthritis
2. Rehabilitation after total knee and hip replacement
3. Gait training and neuro muscular re-education in neurologic patient
4. Obesity control and reduction





## ROBOTIC EXOSKELETON

Rainbow introduces Robotic Exoskeleton 1st time in INDIA which can walk independently on the ground and also on trend-mill for gait training and core muscle strengthening and proprioception. It is also equipped with wireless ECG monitoring and oxygen monitoring for better knowing patient vital status. Robotic Exoskeleton are wearable electro mechanical devices to enhance the physical performance of patient and orthodontic devices for gait rehabilitation or locomotion assistance.

**INDICATION: 1. Hemiplegia 2. Stroke 3. Spinal Cord Injury 4. GBS**

### UPPER BODY CYCLE AND UPPER BODY CYCLE CLINICAL PRO



## BIODEX UPPER BODY CYCLE

Upper body cycle is made in USA. It is a demand of orthopedic, cardiopulmonary, sports medicine wellness and general conditioning programs. It helps to rehabilitate a wide variety of shoulder, back, neck, wrist and elbow patients. Its important feature is Retro-Cycling capability which provides smooth and instantaneous bidirectional resistance. It helps to promote the use of reciprocal muscle group not normally exercised during forward cycling.

**INDICATION: 1. Neuro muscular conditions 2. Orthopaedic Conditions 3. Increase Muscle Strength 4. Cardio Vascular and Diabetes Conditions.**



## MOTO MED MUVI



The Motomed is an intelligent motor assisted movement therapy device through game and various program. It gives reports and improvement of patient which can be monitored.

An innovation quality product "MADE IN GERMANY" by latest computer technology.



## HYPER BARIC OXYGEN THERAPY



HYPER BARIC OXYGEN THERAPY involves breathing pure oxygen in a pressurized environment. It is a well established treatment for decompression sickness. In a Hyper Baric Oxygen Chamber the air pressure is increased to 2 to 3 times higher than normal air pressure under these conditions, lungs gather much more oxygen than would be possible breathing pure oxygen at normal air pressure. When blood carries this extra oxygen throughout your body, which helps bacteria and stimulate the release of substances called growth factor and stem cell, which promote healing.



## MOTORISED STAIR TRAINER

It is a combination of stair and parallel bar for comprehensive gait training. It is an advanced cost effective rehabilitation tool allowing patients to realize their full rehabilitative potential.



## ROBOTIC TILT TABLE

The motorize tilt table combines gradual verticalization with robotic movement therapy to ensure the necessary safety for the stabilization of patients in an upright position. Due to the unique afferent stimulation provided by the motorize tilt table and the flexible harness, patients can be trained intensively and safely already in a very early stage of rehabilitation.

### INDICATION:

1. It allows for protected gradual verticalization
2. For increase muscle strength
3. Neurological Condition





## BIODEX NX-STEP UNWEIGHING SYSTEM



The NX-STEP UNWEIGHING SYSTEM is used for partial body weight support with the capability to unload upto 30-40% weight bearing for patients with gait impairments of loading a percent for body weight allows the opportunity for early rehabilitation while providing a safe environment for patient and therapist. The dynamics single point suspension of NX-STEP accommodate pelvic rotation and vertical displacement. It allows full and partial weight bearing without compromising proper GAIT KINEMATICS.

### INDICATION:

1. Parkinson's disease
2. Spinal cord injury
3. All other patient with movement disorder effecting gait
4. TBI
5. Multiple sclerosis



## LOCOHELP



**Locohelp** is an electromechanical gait trainer. It improves gait symmetry and the quality of therapy for the patient.



# BAIOBIT

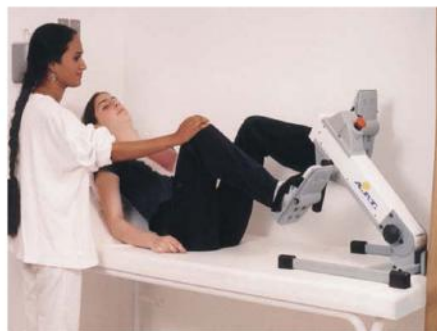
BAIOBIT is made in Italy and first time introduced in Central India. It is a combination of technology and services to support the therapist for accurate clinical and functional evaluation with instant reports to allow objective monitoring of patient progress.

## TESTS:

- Walk Test
- Balance Test
- Jump Test
- Cervical ROM
- Shoulder ROM
- Trunk ROM
- Free Angles Test

## EXERCISES:

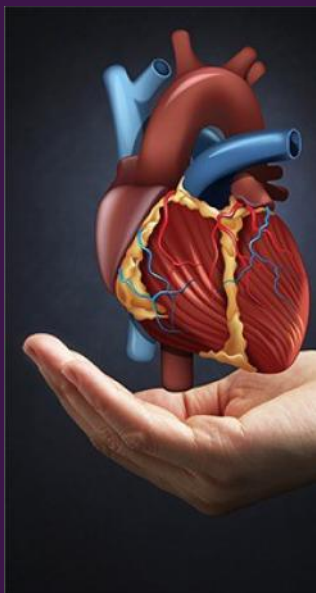
- Cervical Clock
- Static Balance
- Dynamic Balance
- Cervical Joint Position Sense
- Free Angle Exercise



# ACTIVE PASSIVE TRAINER

The APT is an electric exerciser machine used for the improvement of physical abilities for lower & upper body. It is suitable for the maintenance of fitness and physical well being. The APT can be operated in either the active mode at varying degrees of resistance or in the passive mode at adjustable speed and torque levels. The APT function forward and backward is suitable for long arm or leg exercises. It is light weight that makes it portable.

# CARDIAC REHABILITATION



Cardiac Rehabilitation is a Customized Outpatient Program of Exercise and Education. It's Complex Inter Professional Intervention Customized to Individual Patients with Various Cardiovascular Disease such as

## **UNIQUE BENEFITS :**

- Heart Attack
- Coronary Artery Disease
- C.A.B.G.
- Myocardial Infarction
- Coronary Angioplasty





# NEUROLOGICAL CONDITION IN PHYSIOTHERAPY



- Stroke
- Peripheral Nerve Injury
- Peripheral Neuropathy
- Spinal Muscular Atrophy
- Spinal Cord Injury
- Hemiplegia
- Hemiparesis
- Paraplegia
- Quadriplegia
- Parkinson's Disease
- Movement Disorder
- Multiple Sclerosis
- Guillain Barre Syndrome
- Myotonic Dystrophies
- Polymyositis
- Myopathies
- Facial Palsy
- Neuropathies
- Nerve Injuries
- Cerebellar Dysfunction
- Upper Motor Neuron Disease
- Radiculopathies
- Plexopathies
- Lumbosacralpathy
- Carpal Tunnel Syndrome
- Bell's Palsy
- Polyneuropathy



## ORTHOPAEDICS CONDITION IN PHYSIOTHERAPY WITH LAZOR TECHNOLOGY



- Headaches and Neck Pain
- Frozen Shoulder
- Golfer's Elbow
- Rotator Cuff Injuries
- Tennis Elbow
- Hip Pain and Arthritis
- Muscle Strain
- Calf Pain
- Achilles Tendinitis
- Ankle Sprain
- Planter Faciitis
- Foot Pain
- Bunion Pain
- Knee Arthritis
- Knee Pain
- Ligament Injury
- Sports Injury
- Low Back Pain
- MCL Injury
- ACL Injury
- PIVD
- Spondylolisthesis
- Sciatica
- Pre and Post Rehabilitation
- Posture Proble Fibromyalgia
- Piriformis Syndrome
- Heel Pain
- Shoulder Pain
- Joint Pain
- Post Operative Fracture Management
- Post Operative Knee and Hip Rehabilitation



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- Armeo
- Robotic Hand
  - NXT Step
  - Andago
  - LokoHELP
- Moto Med (Muvi)
- Stair Climber
  - BaioBIT
- Unweighing System
- Upper Body Cycle
- Electro Therapy
- Exercise Therapy

- Erigo
- Shoulder Wheel
- Mobility Trainer
  - Hyper Baric
- Oxygen Therapy
- EXO SKELETON
- Laser Therapy
- Suspension Therapy
  - Alter G
- APT Cycle

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