



AdvanceTech

# AdvanceTech India Pvt.Ltd

## Assistive Technology



### 1.Remote patient monitoring system Model ( ATM RPMS01 )

- RPMS is wearable device , which can be offer programmable parameters for the SP02 & BODY Temp, as well as Blood pressure ,
- The data can be transferred thru bleutooth or wifi , to nearest station for live viewing ,
- Wifi based software can monitor all BEDS , and on a screen
- Doctor / nursing staff can monitor without going in physical contact,
- Recorded reading can be in excel format along with patent historical records .
- RPMS ( system ) is a portable devices, which can be attached to the patients, and thru Wi-Fi wireless medium, that live data can be monitored on the doctors MOBILE APP, as well as the display at the Nursing station■
- This device can be used by individual also to check and verify the health parameters by themselves .

### 1.1 advance wearable bio-suites

- wearable biosuite is advance version with more parameters ,device with battery operated , ,
- The data can be transferred thru bluetooth to the mobile devices and thru that to the cloud based app.
- The device is portable wearable and connected to the mobile

#### • Feature

- Blood Pressure
- Temperature
- Body Position
- Spo2 (oxygen Level In Blood)
- Cloud Monitoring
- Data Storage On Mobile Phone
- ECG

The system also carries a mobile app and the wireless receiver system

### Applications

- Elderly Health Monitoring
- Personal Health Monitoring
- Travelers
- Sports And High Performance Athletics
- Defense & Military



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(An ISO 9001 :2015 Company)

Head office :S.C.O. 8 Ajit Enclave, Zirakpur -Kalka Highway

Dhakoli , Zirakpur SAS Nagar Mohali (Punjab)

Phone : M: 9216536922 ,9815036923

Email : advancetechipl@gmail.com , atechindia@gmail.com

Website :www.atechindia.com



## 2.Exoskeleton

Wearable Exoskeleton is an electro-mechanical wearable structure that supports human mobility.

exoskeletons are pure mechanical wearable structure which doesn't have any electronic component.

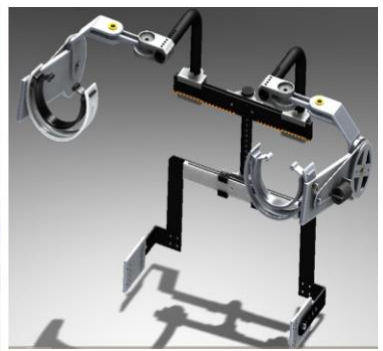
Controlling of the exoskeleton is completely done by human and no electronic component is required to control the system.

**Application** : for lifting of daily use heavy repeated works , in hospital for shifting of patients , from bed to bed or chair etc

### 2.1 Upper Body Passive Exoskeleton

#### FEATURES

- GRAVITY COMPENSATION
- CHANNEL THE LOAD TO LOWER BODY
- INCREASE STRENGTH,
- IMPROVE POSTURE,



### 2.2 Lower Body Active Exoskeleton

#### Features

- Total of 6 Active Degree of Freedoms for Lower-Body Joints
- 50% of assistive torque support level to Knee, Hip, Ankle Joints
- Custom designed for elderly users
- Two Operational Modes:
  1. Torque Assistive Mode
  2. Pre-defined Operational Mode



### Applications

- Elderly Application,
- Industrial,
- Military And Defence

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