



BoostFix

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TAKE CARE OF YOUR HEALTH

BoostFix is a telemedicine solution for medical providers and rehabilitation patients. It combines wearable sensors and intuitive software able to detect dynamic body position and joint motion. COMPAL Electronic developed BoostFix and through its subsidiary company SHENNONA for service and selling. Assisting physician converts visual judgment to quantitative data.



Easy to Get Started

intuitive operated small wearable device



Accurate Data

Real-time joint motion measurement by 6 axis motion sensors



Professional Courses

Customized rehab exercise that adjusted by the therapist



Well Interaction

Real-time visual feedback and synchronous corrective posture



MEASUREMENT CRADLE



IMU SENSORS

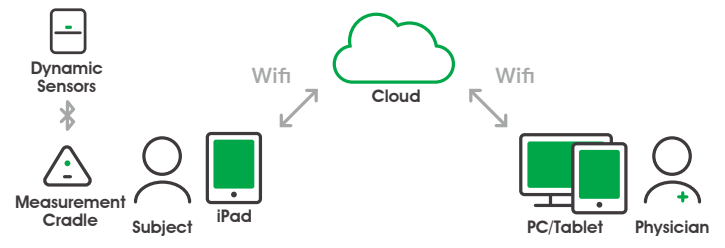


BOOSTFIX PACKAGING

Description

BoostFix able to measure the joint angle and position accurately with its 6-axis IMU sensors. The physician can prescribe the customization rehab program with specific rehab exercises, action angles, repetitions, and tolerance settings. It also enables the rehab patient to collect the motion data and performance record that allowing physicians to effectively monitoring the rehabilitation process.

System Structure



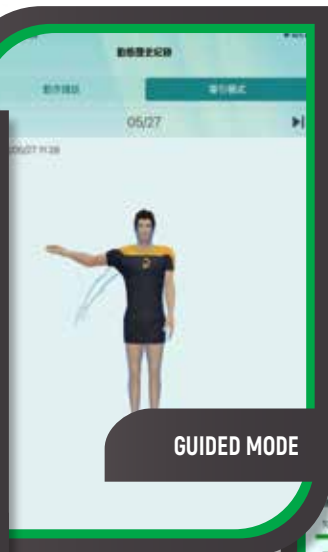
APP Function



REHAB PROGRAM



REAL-TIME MEASUREMENT



GUIDED MODE



HISTORICAL RECORD

Application Field



Remote Rehabilitation

Postoperative home rehabilitation program



Rehabilitation Course

Various rehabilitation course for specific body parts



Joint functional Assessment

Shoulder disorder evaluation and risk assessment



Self-Health Training

Daily health management promotion



Medical certification



TFDA



GMP



ISO13485



FDA

Special Report

Interview report, Learning & Development, No.780, 2021, Feb.



Interview report, Anke Care, 2020, Nov.



Specifications

Product Pattern	Motion Sensor	Battery	75mAh(Built-in Rechargeable Battery)
Model	BoostFix	Accelerometer	3-axis accelerometer+ 3-axis Gyro
Dimension	26(W)x34.6(L)x6.69(H)mm	Usage Environment	0~50°C ; H≤90%
Power	5V / 0.06A	Storage Environment	-20~50°C ; H≤90%
Bluetooth	BLE 4.0		

SHENNONA CO. LTD. are medical group subsidiary of COMPAL. We are focus on the solution of IoMT and government Healthcare project. SHENNONA is devoted to improving the quality of Healthcare through smart technology and creating an elderly-friendly care environment with governments, long-term care institutions and medical institutions.

