

# HOWDY

## WEARABLE MONITORING SYSTEM FOR ADULTS

### senior

HOWDY SENIOR is a wearable monitoring device for adults, which detects parameters in a continuous and non-invasive way. The system detects vital parameters such as heart rate,

breathing rate and body position. HOWDY SENIOR is a safe and comfortable product that allows monitoring without interfering with normal daily activities.

### COMFTECH MONITORING SYSTEM

*ELECTRONIC UNIT AND APP ARE CLASS IIB MEDICAL DEVICES*

- **textile unit:** garments with integrated textile sensors
- **electronic unit:** measures, processes and transmits data to the HOWDY app
- **HOWDY app:** shows the parameters and allows the creation of reports



# HOWDY senior

1

INFECTIOUS  
DISEASES

2

IMMUNOCOMPROMISED

3

REHABILITATION

4

ENDOSCOPY

5

FRAGILE PATIENTS?  
, 1, 2, 7, 11, 12  
AT HOME



## HEART PARAMETERS

Acquisition through textile sensors integrated in the textile unit:

- Heart rate
- ECG trace
- ECG recording: bipolar with ground electrode



## BREATHING PARAMETERS

Acquisition through textile strain gauge integrated in the textile unit:

- Breathing rate



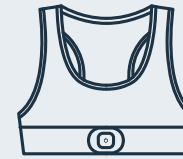
## BODY POSITION

Acquisition through MEMS 3D accelerometer



HOSPITAL

HOWDY  
senior



continuous  
monitoring

daily  
monitoring

continuous contact  
with the hospital



HOME-HOSPITAL

## ELECTRONIC UNIT HOWDY SENIOR



Dimensions: 73x53x15 mm

Weight: 31g

Communication: Bluetooth® v4.2  
Low Energy

Battery duration: 30 hours

Degree of protection: IP 22

## TEXTILE UNITS

### MALE TOP CMF9TXM11



### FEMALE TOP CMF9TXM15

