

## ADAMO Family: Telemonitoring and Teleassistance

ADAMO family is an innovative system for medical patients or fragile subjects able to monitor physiological parameters and environmental informations for automatically detect potentially dangerous situations and to notify them to one or more caregiver subjects.

### To whom is dedicated

Hypoallergenic, waterproof, shockproof, ADAMO Family is a perfect aid for families and for people with health problems.

### Benefits

- Improved life quality
- More safety
- Immediate assistance
- Service customization based on personal habits and characteristics

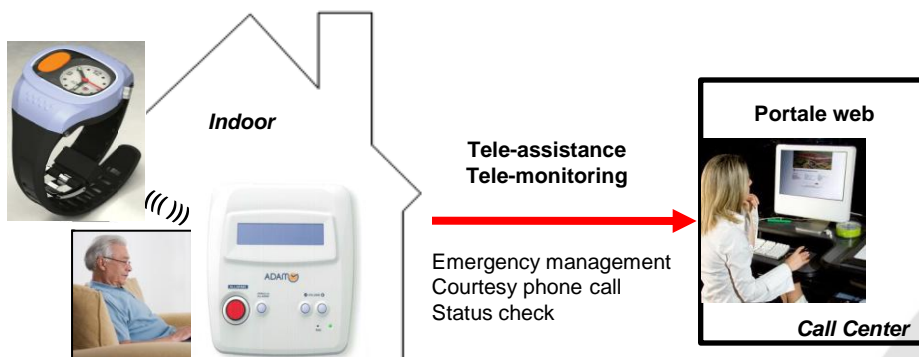


### ADAMO constantly measures:

- Skin temperature
- Subject's movements
- Environmental temperature
- Wrist wearing and battery charge level

### By processing the acquired data ADAMO is able to automatically detect emergency situations such as:

- Fall followed by subject immobility
- Prolonged subject immobility
- Thermal discomfort



### How does it work

- The watch notifies emergencies and data through a radio bridge to a Base Station located in the monitored subject's home
- Care givers (relatives or other authorized subjects) receive alarms and informations on their mobile phone
- It is possible to configure the Base Station to connect to a Service Center instead of a private phone number.

## Base Station



The Base Station receives data measured by the watch, manages the potentially dangerous situations and forwards emergency calls to the care giver (such as relatives or a Service Center).

The Base Station is configured through a dedicated Web Portal, and can manage up to 5 emergency phone numbers and 10 watches.

It's also provided with internal temperature and humidity sensors, and has an integrated hands free speakerphone as well as an additional easy accessible Panic Button for direct emergency call.

The package includes also a buffer battery able to ensure all the functionalities in case of electric blackout.

**The Base Station is able to connect with telemedicine equipment and environmental sensors compatible with the Bluetooth standard (pulse oximeter, sphygmomanometer, scales, ecc...)**

## Assistive watch

The device looks like an ordinary wristwatch, wearable at all times by the monitored subject.

The watch is provided with different built-in sensors, such as the wear sensor, thermometer, triaxial accelerometer.

It is powered by an internal non-rechargeable battery, with a 1 year autonomy.



## WEB Portal

Accessible by users to reconfigure the owned ADAMO Device.

Vocal messages (Pill Reminder): the portal connects to the ADAMO Base Station and plays back user recorded vocal messages at a scheduled time.

Option to graphically visualize the physiological parameters measured by the ADAMO Base Station.



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Tech Specs	
Base Station size	160 x 180 x 60 mm
Base Station weight	500 g circa
Base Station power	Line voltage : input 100-240V AC, 1 Frequency: 50-60 Hz
Base Station battery	1200 mA/h, auto recharged
Radio transmission	869.22 MHz, custom protocol

Certifications and conformity	
Radio	ETSI EN300220-1, ETSI EN301489, Norma TBR21, ERC/DEC/(97)06, ERC/REC 70-03 , EN 61000-4-2, EN 61000-4-3
EMC	EN55022
Social alarm	CEI EN50134-2, CEI EN50134-3, CEI EN50134-5, CEI EN50136-3
Other	EN60950-1