



THE SOLUTION FOR
AN ACCURATE AND RELIABLE
MONITORING OF PHYSICAL ACTIVITY



**REHABILITATION
PROGRAMS**

Activity monitoring for frail people
Activity monitoring during rehabilitation programs



**EDUCATIONAL
THERAPY**

Overweight people
Post-surgery monitoring



**ELDERLY
PEOPLE**

Activity monitoring



**SLEEP
DISORDERS**

Activity monitoring
Circadian rhythm analysis

PEDIATRY

Monitoring of agitated infants
Activity monitoring

eTact is a discrete activity tracking patch. This innovative device allows continuous measurement of actimetry, skin temperature and tilt. eTact may both store or transmit the collected data in real time to any connected device, using a Bluetooth Low Energy proprietary protocol. The monitoring configuration is adaptable to individual needs prior to each session.



BodyCAP
Your e-health partner

AN ACCURATE, RELIABLE & INNOVATIVE PHYSICAL ACTIVITY MONITORING SOLUTION

Thanks to proprietary filtering algorithms, the eTact solution allows to analyse sleep and to classify individual everyday activity into sedentary vs active periods. This information estimates lifestyle variance in regards to rehabilitation protocols. Raw data collected during the session is stored for further analysis.

Lifestyle has a major impact on frail people and is critical to any preventive healthcare strategy. eTact provides objective behavioral monitoring for healthcare professionals, academic institutions, professional sports staff, sleep centers and researchers.

DATA PROCESSING

ACCURATE AND RELIABLE LIFESTYLE MONITORING

The solution has been designed to provide a scientific instrument at affordable costs for public and private entities.

COST EFFECTIVE SOLUTION



Certified manufacturer



TECHNICAL FEATURES

Size: 41 mm x 37mm x 7mm
 Temperature indication
 3 axis accelerometer: ± 2 , ± 4 or $\pm 8g$ (sensitivity $< 0.1g$)
 Battery life: 7 days in typical configurations
 Battery recharging time: 2 hours
 Maximum recording time: several months in typical configurations
 Communication: Bluetooth Low Energy
 CE and FCC Compliant

35 TO 40% suffer from night sleep disorders or daytime drowsiness (Hossain & Shapiro, 2002)

50% OF ALL US ADULTS suffer from one or more chronic diseases in 2012 (117 million people)

\$147 BILLION Medical costs related to obesity in the US in 2008.

150 MINUTES of moderate activity a week is associated to a 19% reduction in the rate of global mortalities (Woodcock et al., 2011)

