

Why WristCare?

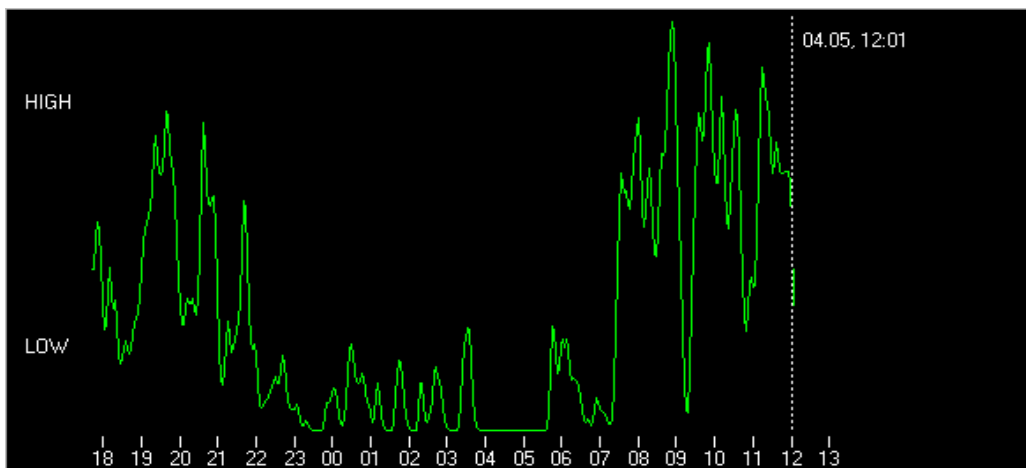
Unlike most other Telecare systems, WristCare is person centric. One simple unit therefore generates unique and powerful information, improving the efficiency and quality of care.

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|---|---|
| <p>Activity Monitoring</p> <p>→ <i>Preventative Care</i></p> | <p>Continuous unobtrusive monitoring via the Activity Data:</p> <ol style="list-style-type: none"> 1. An objective measurement of wellbeing to support preventative care planning. 2. Quantitative evidence of care outcomes. 3. Avoidance of unnecessary care interventions. 4. Early warning system for health problems eg UTI. 5. Long term tracking of Dementia via daily rhythms. |
| <p>Alarm always in reach</p> <p>→ <i>Effective alarm</i></p> | <p>You can be sure that service users can always reach their manual alarm: 94% compliance in an independent study. It alarms if it is removed so that you know of any non-compliance. Unlike most other alarm systems, WristCare is worn in bed and so is available to users even at night.</p> |
| <p>Wandering Detection</p> <p>→ <i>Maintain independence</i></p> | <p>Smart, person specific, wandering detection for individuals who have been identified as being at risk. Uniquely allows carers, partners and friends to come and go freely without false alarms with no daily activation / deactivation required. Detection will operate even if user leaves home via an unexpected (and un-equipped) door.</p> |
| <p>Automatic Alarms</p> <p>→ <i>Extra safety</i></p> | <p>Automatic alarms trigger if the system identifies that the user may be unconscious eg following a fall or cardiac incident. These alarms are not triggered if the person is not present unlike some conventional PIR based activity monitors and operate even when the user is asleep.</p> |

The automatic alarms used in conjunction with Activity Monitoring, allows users to live safely at home longer than would otherwise be possible, supported by better targeted care.

Activity Data Example 1

A Fall

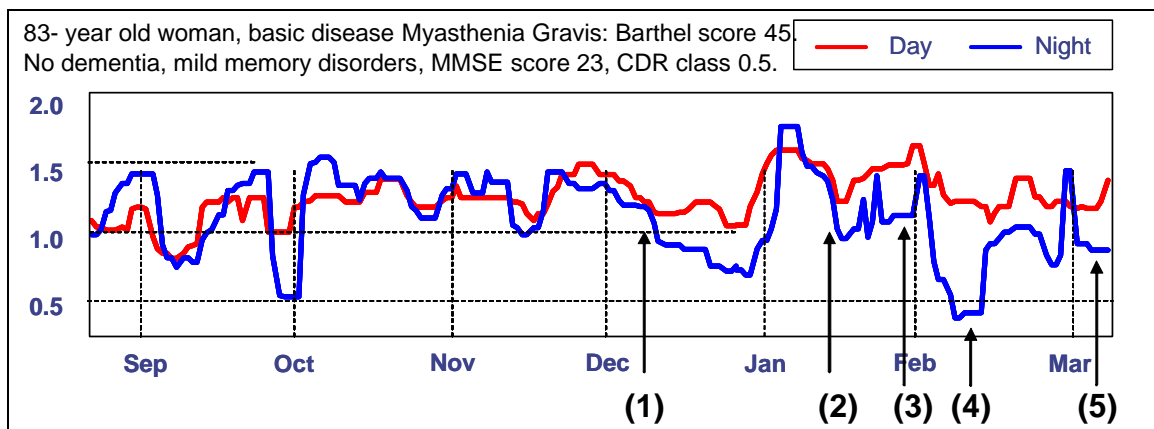


- Sleep from 22:30
- Woke up 3:30
- Fell and stayed unconscious
- Deterioration alarm at 5:00
- Help arrived 5:30

Activity Data is continuously collected from all users (collection can be stopped as needed) and is displayed on an easy to use PC.

Activity Data Example 2

Preventative Care

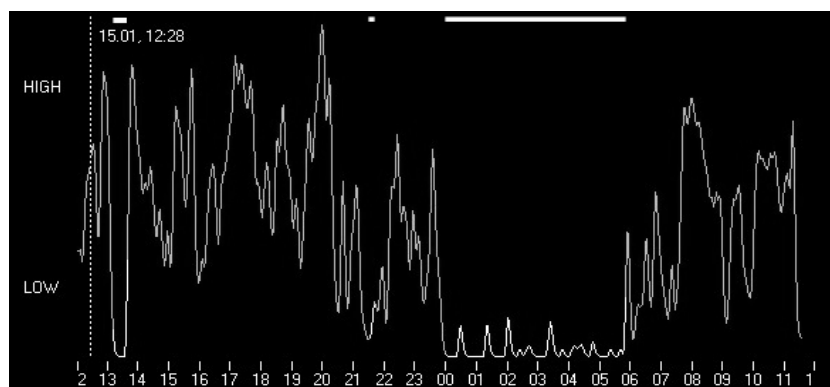


1. Restless room mate moves to another room in early December.
Night time activity drops, improving the daily rhythm for some weeks
2. Diagnosis of an urinary track infection on 15.1.2003
Activity Data showed significant increase in night Activity prior to diagnosis.
3. Fever 25 - 27.01.2003. Diagnosis of bronchitis on 30.1.2003
Night time activity has risen prior to the diagnosis.
4. After recovery, the activity curve shows better daily rhythm (night time activity drops clearly below day time activity)
5. General condition becomes worse during spring 2003, hospitalized in early April 2003.

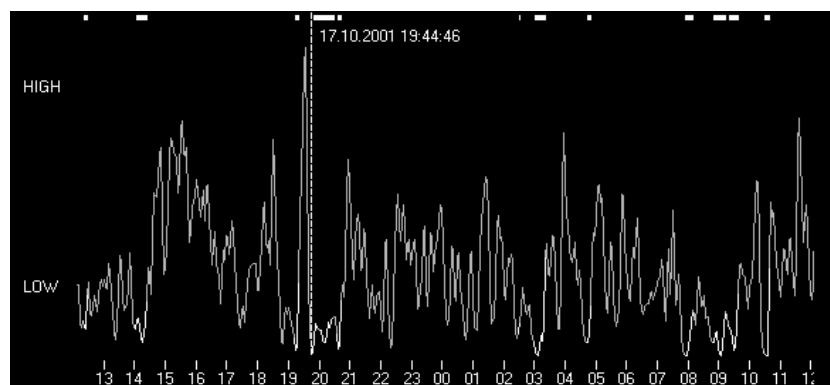
Activity Data Example 3

People with Dementia

Someone with normal Circadian Rhythm



Someone with Dementia



The WristCare system includes built in tools to analyse Circadian Rhythms to help identify changes and trends in overall wellness as well as Dementia.