

Actigraphy

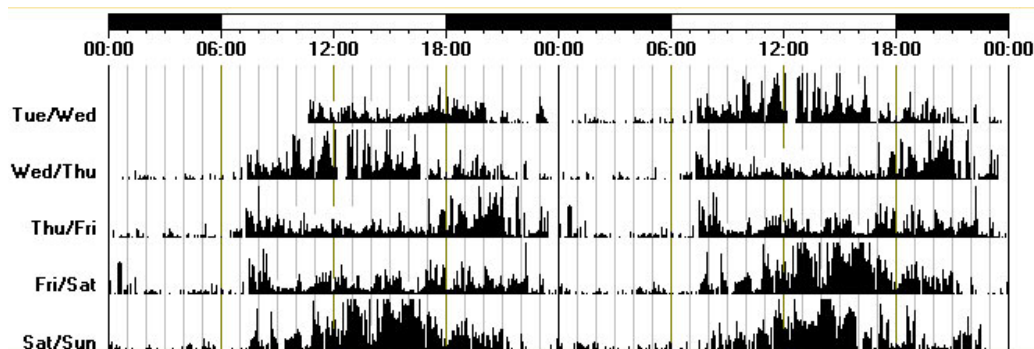
The Motionlogger is an actigraph device that is the size of a standard wrist watch. It allows for the recording of the smallest movements for days, weeks, or even months. Actigraphy can be used to evaluate sleep/wake patterns and periodic limb movements of sleep.



Sleep/Wake Patterns and General Activity Levels

A digitally integrated recording of wrist activity is a reliable indicator of sleep/wake state. When worn on the wrist, the Motionlogger actigraph can generate an activity record like the one shown below to be used as a tool to document:

- Normal Sleep/Wake Patterns
- Insomnia
- Circadian Rhythms Disorders



Periodic Limb Movement Disorder (PLMD)

Two Motionlogger actigraph devices are worn on the ankle to monitor the subject for three consecutive nights. You can assess movement in both legs on any given night to determine:

- Total number of PLM occurrences per leg
- Response of PLM to treatment