LEAF PATIENT MONITORING SYSTEM

The Next Step in Patient Mobility Monitoring

Automatically Monitor Patients Throughout the Mobility Continuum

New technology now makes it possible to electronically monitor and automatically document a patient’s mobility progression to help avoid the many serious complications associated with immobility. By maximizing patient mobility, patients can leave the hospital faster, healthier, and far less likely to require readmission.

Coordinated Patient Mobility Programs Help Prevent Costly Complications

Studies show that encouraging hospitalized patients to move more helps them heal faster and reduces their risk for developing costly and life-threatening hospital-acquired conditions.

- Hospital-acquired Pressure Ulcers
- Patient Falls
- Hospital-acquired Pneumonia
- DVT/PE
- Hospital-associated Deconditioning
- Ventilator-acquired Pneumonia

Automatically tracks time spent seated, monitors pressure distribution, and notifies staff when repositioning is necessary to ensure optimal pressure offloading while seated.

Recognizes, records, and optionally alerts staff when patients get out of bed. The Leaf system automatically suspends prescribed turn protocols until patient is back in a bed or chair.

Monitors and documents number and duration of ambulation events, steps taken, and distance traveled. Documents improvement in mobility level over the course of a hospitalization.

Leaf Patient Sensor

The wireless, disposable sensor attaches to patients using an industry-leading, medical grade adhesive. Simply remove the adhesive backing and place the sensor on a patient’s upper torso.

Leaf Antennas

Leaf antennas can be plugged into any unused wall outlets. The antennas automatically self-assemble into a reliable wireless mesh network, designed to ensure data integrity.

Leaf User Interface

Patient data can be viewed on desktop computers, tablets, or smartphones. The interface provides useful information at a glance, with patient turn priority and actionable items clearly displayed.
Real-time Patient Status and Visual Notifications

A digital timer indicates the time remaining until a turn is required, as per the patient’s prescribed turning protocol. A simple color bar is recognizable at a glance and is used to indicate a patient’s mobility status. Green is all-good, Yellow means an action is coming up, and Red indicates an intervention is due.

Automatically Document Patient Ambulation

As soon as a patient leaves their bed or chair, the Leaf system temporarily suspends their turn protocol and begins monitoring and documenting steps taken, distance traveled, time spent ambulating and number of ambulation events. Care providers can use this information to track a patient’s progress toward reaching their mobility goals and adjust care plans accordingly.