



Worry about your loved ones isolating remotely will never disappear; however, it can be minimized.

MySafetyPatch provides remote health telepresence to your care provider network; bringing all parties peace of mind and the ability to respond immediately to any health concerns.



When your family's health is threatened,
MySafetyPatch provides protection.

**THE CHOICE BETWEEN
ISOLATING SAFELY AT HOME
OR GOING TO THE HOSPITAL
COMES DOWN TO VITAL SIGNS
MONITORING.
MYSAFETYPATCH DELIVERS
VITAL SIGNS MONITORING
CONTINUOUSLY IN REAL-TIME
SO WHEN IT COMES TO YOUR
LOVED ONE'S HEALTH YOU
HAVE A CHOICE.**

MySafetyPatch

FOR INDIVIDUAL USE

In the current pandemic, we are all isolating, trying to slow the progression and keep the load off the hospitals. Still, anyone in your family could get sick and progression from a temperature or sniffle to a life crisis can be rapid.

How can you know when the illness is rapidly getting worse, particularly when your family members are remote and live alone? Texts, phone calls and email help, but don't provide true safety, leaving everyone in a state of stress and worry.

If your loved ones are across the country, it is difficult for everyone. If they are down the hall resting, they can still quickly run into distress without your knowledge. And although elder males are at greater risk, literally anyone can get sick quickly and be in crisis.

MySafetyPatch is an individual monitoring sensor that tracks individuals health, continuously and in real-time 24/7/365 providing an early warning system. By monitoring five vital signs and movement, changes in an individuals health can be monitored, alarms can be immediately raised to their care provider network and decisive action can be taken to restore their health.

The five vital signs that health care providers use to assess a patient's health include heart rate or pulse rate (HR), respiration rate (RR), blood oxygenation or SpO2, blood pressure (BP) and temperature (T). MySafetyPatch monitors all of these vital signs as well as movement; providing a further measure of how sick the patient is.

In hospital, vital signs are typically monitored once per shift; however, MySafetyPatch monitors heart rate or pulse rate (HR), respiration rate (RR), blood oxygenation or SpO2 and temperature (T) in a real-time continuous fashion raising alarms immediately if programmable thresholds are exceeded. Blood pressure (BP) is measured without a cuff on demand, again raising an alarm if thresholds are exceeded. Any alarm is sent immediately and automatically to the care provider network using email and texts providing 24/7/365 protection to MySafetyPatch users, whether the care providers are down the hall or across the globe.



MySafetyPatch – small size and light weight:

- 35mm x 15mm x 7.5mm
- 3 grams

MySafetyPatch is a device that detects five vital signs:

- Heart Rate (HR)
- Respiration Rate (RR)
- Blood Oxygenation (SpO2)
- Temperature (T)
- Blood Pressure (BP)

to wear the device in the best location for the best measurement as well as the best location for the maximum comfort. Typical locations include behind the ear, on the forehead, on the temple, and on the carotid artery, either up on the neck with a choker or down at the top of the ribs.

The small size and light weight of MySafetyPatch also contribute to its comfort.

Weight	3 grams
Size	36mm x 15mm x 11mm

This tiny device, measuring five vital signs plus motion, continuously in real-time with alarm capabilities and an IP68 rating sets a new standard for vital signs monitoring.

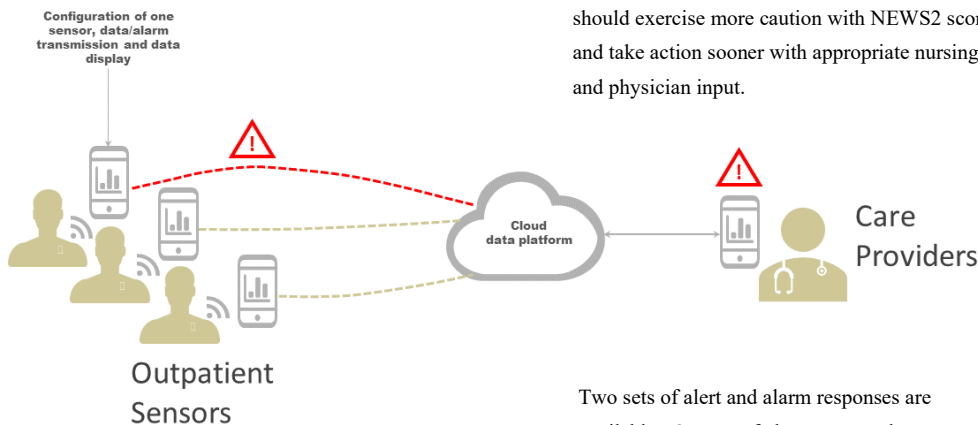
MySafetyPatch is reusable and wirelessly rechargeable with an expected life of five years. With the ability to sterilize the device using an alcohol swab or harsher methods, it can be quickly recharged, sterilized and reused minimizing costs.

Issues with tachycardia, bradycardia, tachypnoea, pyrexia, hypertension and hypotension can all be monitored 24/7 in real time with immediate alarms. MySafetyPatch works well for a broad set of remote monitoring conditions providing both safety and peace of mind:

- elder care;
- those waiting for a diagnosis for a serious condition;
- post surgical;
- neutropenic; and
- patients with serious illness in outpatient care.

As an early warning system (EWS), MySafetyPatch can also be used in care homes and hospital wards for non critical patients. It allows for constant monitoring of those in isolation remotely and frees resources to be used in more critical areas in this time of crisis. It provides continuous real-time monitoring and recording freeing resources to address shortages in other areas

SYSTEM ARCHITECTURE DIAGRAM



Ideally, alarms are pre-programmed by physicians or nursing staff to provide reasonable response ranges. Individual use without a physician is also possible. A NEWS2 score is provided based on available information to provide another measure of the preferred action; however, NEWS2 scores are intended for in-hospital use. Individuals should exercise more caution with NEWS2 scores and take action sooner with appropriate nursing and physician input.

Two sets of alert and alarm responses are available. One set of alerts goes to the care provider network: friends and family, generally when someone is sick but not in a life-threatening condition. The second set of alarms are for NEWS2 scores that indicate immediate medical attention is required. It is recommended that the second set of alarms go directly to a monitoring service for emergency medical service response to the patient's location.

Fighting covid in hospitals has depleted resources creating many shortages. MySafetyPatch use by those that have a mild case of Covid-19 helps conserve these resources by delaying or eliminating unnecessary admittance and freeing beds earlier post treatment. This approach leads to better outcomes for society as a whole.

The ability to wear MySafetyPatch on multiple locations is a key benefit. Generally, compliance or having patients adhere to treatment recommendations is a challenge. By having a device that can move around provides flexibility

THE ABILITY TO WEAR

MYSAFETYPATCH ON MULTIPLE LOCATIONS IS A KEY BENEFIT.

TYPICAL LOCATIONS INCLUDE:

- BEHIND THE EAR
- ON THE FOREHEAD
- ON THE TEMPLE
- ON THE CAROTID ARTERY

HAVING THIS FLEXIBILITY ALLOWS THE USER TO WEAR THE DEVICE IN AN OPTIMAL PLACE.