

# LUCI+Air™

A first-of-its-kind,  
continuous, real-time air  
cushion pressure monitor.



# LUCI<sup>®</sup> IS ABOUT MORE THAN JUST SAFETY.

**We're about connecting you to your world and your wellbeing. And we know your wheelchair's cushion is an important part of your health. Introducing LUCI+Air™, a first-of-its-kind, real-time, smart air cushion pressure monitor.**

LUCI+Air takes the guesswork and stress out of air cushion inflation. In addition to knowing your cushion is properly inflated, LUCI+Air gives you important information about how much time you spend sitting and how often you are off-loading from your cushion. We're giving LUCI users the most accurate monitoring and continuous, effortless tracking ever. The patent-pending LUCI+Air works with your air-filled cushion and the MyLUCI™ app to display the data you need to manage your skin<sup>1</sup>, create offloading targets and reminders<sup>2</sup> and track your progress<sup>3</sup>.

The MyLUCI app was built to work with health and wellness data and LUCI+Air was created because we believe seating data should, too.

Available to current LUCI users, LUCI+Air works with all single-valve cushions, or multi-chamber cushions that can be set with the valve open.

## LUCI+AIR AND IN-APP FEATURES :

- Accurate, personalized “time-in-seat” data
- Monitoring your inflation level, every minute, even when your chair is off
- Create personal goals for offload, set reminders and track your progress
- Hardware auditory and visual alerts and MyLUCI notifications
- Protected against water and dust (meets IP53 standards)
- Lightweight, compact and durable
- Easy, one-button setup
- Less power usage than even the battery indicator on your wheelchair; no batteries necessary



# MAINTAIN YOUR IDEAL AIR PRESSURE

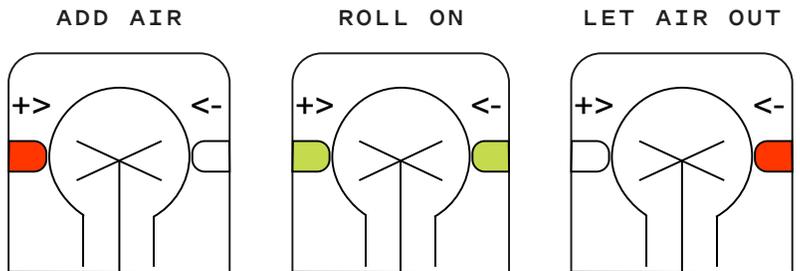
**LUCI+Air works with any single chamber air cushion or a multi-chamber air cushion that can be set in single valve mode. By continuously monitoring the air pressure, LUCI+Air combats overinflation and bottoming out with air cushions.**

After installing LUCI+Air, users can open the MyLUCI app to access an unprecedented level of accurate, continuous data. The MyLUCI app also gives the rider the choice to securely share that information with specific members of their care team.

A properly “deflated” air cushion is a great tool for maintaining your skin health, and maintaining the right pressure is critical for success. LUCI+Air makes it easy just:

- 1 Properly adjust the cushion with your therapist
- 2 Store your ideal pressure with LUCI+Air
- 3 LUCI+Air monitors your cushion pressure and lets you know how things are going.

REDUCE YOUR RISK OF PRESSURE INJURY  
BY KEEPING THE LIGHTS GREEN



## A WORD ABOUT THE “OPTIMAL WINDOW OF DEFLATION ZONE”

Through researching the pressure maps of users, we found that very little change in inflation/deflation can significantly change a user’s pressure profile. So, if seat inflation drops, even a little bit, LUCI+Air will alert the user or caregiver through phone notifications or the MyLUCI app. Additionally, if inflation increases above the target zone (through overfilling, changes in altitude or temperature, etc.) alerts will be sent. Then, using the arrows on the device itself, you can easily and quickly restore the cushion to its optimal inflation by returning both lights to solid green.

## WILL LUCI+AIR DETECT A LEAK OR PUNCTURE IN MY CUSHION?

**Yes.** If more than 15 minutes is spent in the offload zone, a low-pressure warning will trigger to alert the user or caregiver that there is a potential leak. Also, out-of-seat alerts while the user is seated may indicate a leak.



# MANAGE YOUR SKIN HEALTH

When LUCI+Air is connected to LUCI, the MyLUCI app provides continuous, accurate data that puts the power to manage your skin health in your hands.

Your therapist may recommend a seating program to specify the duration of time you should offload and the interval of time between offloading movements. You can set up seating programs and reminders in the MyLUCI app.



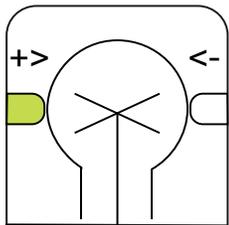
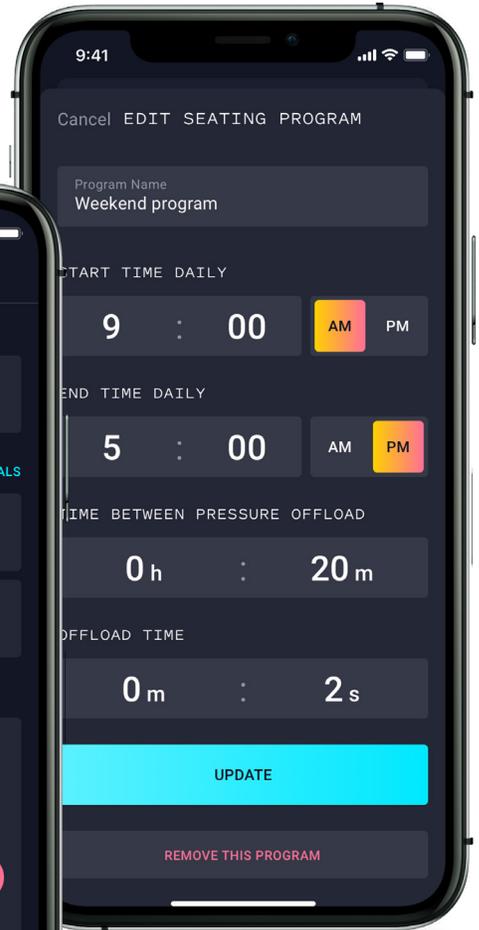
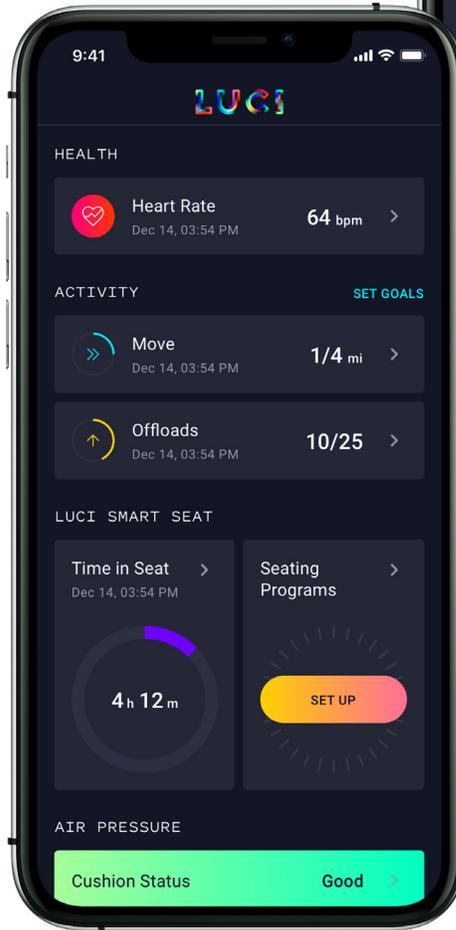
TRACK YOUR GOALS



MONITOR YOUR TIME - IN - SEAT



OFFLOAD REMINDERS

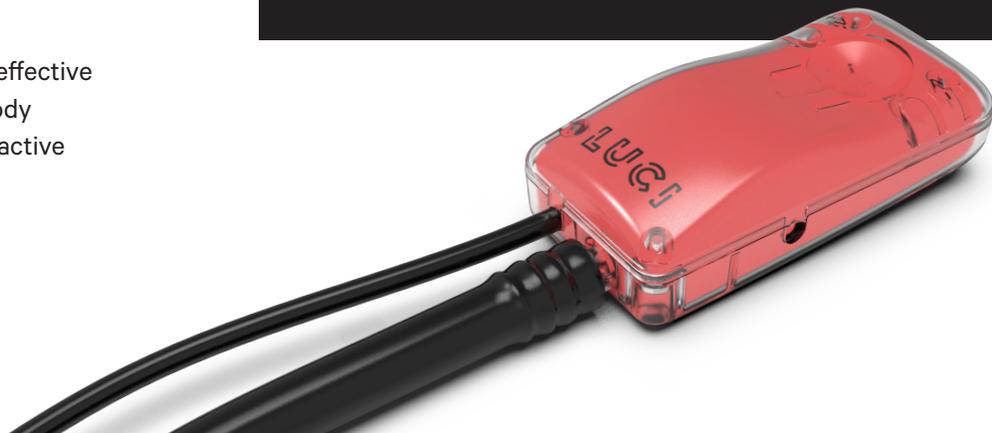


## LUCI+Air Helps You Know When You've Effectively Offloaded

LUCI+Air calculates an effective offload based on your body weight, posture and the active shifting of your weight.

### CLINICIANS IN THE KNOW

You can set up seating programs and reminders in the MyLUCI app for users. Users can opt in to share their seating health data with you to ensure they are meeting their pressure injury prevention goals.



# LUCI+AIR IN THE CLINIC

## Can I use LUCI+Air in the clinic? Absolutely!

LUCI+Air USB connector can be plugged into a Windows computer to show the real-time inflation inside the cushion.

The LUCI+Air visualizer, a windows software program was developed to better educate the user on what is happening inside the cushion in real-time. This can be used in conjunction with or without pressure mapping technologies.

The software shows the target pressure range set by you in partnership with your client, the individualized offload threshold, and an out-of-seat threshold.

## What do I use this for?

The visualizer software can be used to demonstrate the functions of LUCI+Air and how changes in position affect the air pressure in the cushion and thus, the pressure pushing back on the user's skin. To demonstrate these, program LUCI+Air to the correct target pressure for the user.

### USE CASES :

- Put the user into tilt and potentially recline to show the offloading pressure reduction on their skin
- Over inflate the cushion to trigger a high-pressure alert
- Remove air from (deflate) the cushion to trigger a low-pressure alert



LUCI+Air and the Windows software visualizer will be available to current LUCI users and clinicians soon, and we'll have even more announcements about LUCI seating products later this year.

LEARN MORE  
[luci.com/seating](https://luci.com/seating)

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