



**SleepImage Mobile Application**  
for use with the SleepImage System  
Instructions for Use v1.9  
Feb 10, 2021

D-6.00290 Rev 11  
[support@sleepimage.com](mailto:support@sleepimage.com)  
[www.sleepimage.com](http://www.sleepimage.com)

The SleepImage mobile application is the conduit by which sleep data recorded using a SleepImage-compatible recording device (the Recorder) is uploaded to the SleepImage website.

The App is downloaded to a compatible mobile device from either the Google Play Store or the Apple App Store, then the Recorder is paired with the App using Bluetooth. The phone collects the recording, then uploads the study automatically to the website. **The SleepImage App does not store information on the user's identity or location. All data in the app is deidentified.**

If multiple studies are done on the same patient, studies appear in SleepImage one at a time. Accept or Reject each study in the Pending list until all studies have been accepted or rejected for report generation.

**Release Notes – What's new:**

Reliability improvements for Android. Link to the [instructions on the website](#) is now in the Settings tab.

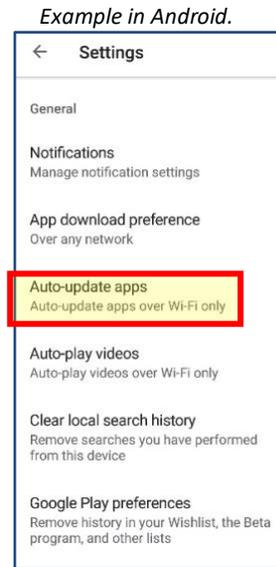
**App Feedback and Support:**

Please contact [development@sleepimage.com](mailto:development@sleepimage.com) with any questions and/or user feedback regarding the App.

Include the following information: SleepImage Account Name, Admin Username, Patient ID, Recorder Serial Number, App version, Platform (iOS/Android), Phone make/model and a description of the issue encountered. Include screenshots/pictures, if applicable.

**App Download & Installation**

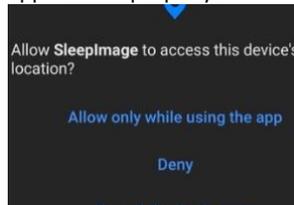
The SleepImage Mobile App can be found on the Google Play and Apple App Stores. In your device's settings, please ensure automatic updating is turned ON as we will continually release updates to improve user experience.



**App Permissions**

**Android**

Android requests permission to access the location of the device. **This is an Android requirement for Bluetooth to function** and the user must select **“Allow only while using the app”** for the SleepImage App to work properly.



**iOS**

Apple iOS requests permission to use Bluetooth during recorder pairing. The user must choose **“OK”** to allow access to Bluetooth for the SleepImage App to work.



The SleepImage App does not track the user's location.

**Add a Patient**

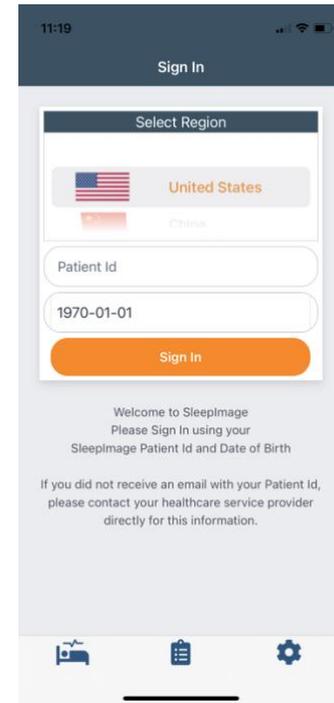
To add a Patient profile to SleepImage, click the **“Add”** icon in the top left of the Patients Tab. Enter Patient information (including their correct **Date of Birth** & their **Email** address) then click **Add** to save the profile.

After saving, their Patient ID is emailed to the Patient and is also visible when looking at the Patient list. Read more about adding Patients in the [SleepImage System IFU](#).

**Patient Sign-In to App**

After a Patient's profile has been created, an email is sent with the Patient ID & App download instructions. The **Patient ID** and **Date of Birth** are to Sign into the App, in addition to selecting their general geographical region.

- Choose Geographical Region
- Enter **Patient ID**
- Enter **Date of Birth**
- Press **Sign In** button



### Pairing the Recorder with the App

To pair the Recorder with the App for data collection:

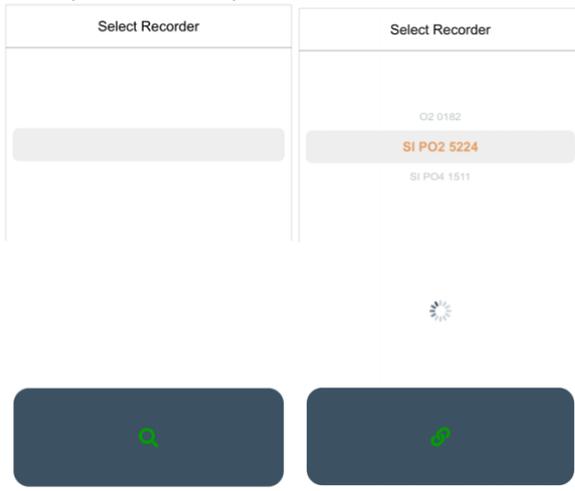
- 1) Enable Bluetooth on the mobile device.
- 2) Have the recorder in hand.
- 3) Open the SleepImage App

### To Pair SleepImage Rings & CheckMe O2:

- 1) Click the scan button (magnifying glass icon).
- 2) Turn on the recorder by placing a finger in the sensor, **OR** If you're using a CheckMe O2 wrist recorder, press the power button to turn on the recorder.
- 3) When your device Serial Number appears, press the button (chain-link icon).

### To Pair Nonin 3150 BLE:

- 1) Remove and reinsert one battery.
- 2) Place a finger in the sensor to power on the Nonin.
- 3) When the device Serial Number appears, press the button (chain-link icon).



### Patient Instructions

We encourage Clinicians to guide Patients through pairing the recorder to the mobile device and performing a brief test recording to verify function and to make sure they are comfortable with the process. *(There may be a short study file uploaded from this test, if so, Reject the study)*

When going to bed, the mobile device should be close by, plugged in to a charger and the Bluetooth turned on.

Successful data collection in progress is indicated by SpO2 and Pulse Rate values being displayed both on the Recorder and in the App.

### Start a Recording:

- **Close** all other apps
- **Open** the SleepImage App
- **Turn on** Bluetooth
- **Do not** use other Bluetooth accessories during recording

**SI Rings:** Place finger in Ring.

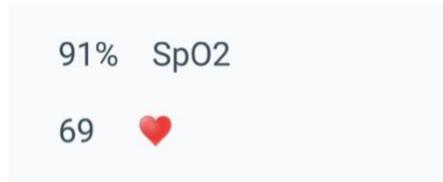
**CheckMe O2:** Press power button until display turns on then insert index finger or thumb into sensor.

**Nonin:** Place finger in Sensor

### Press Play to Start



After pressing play, SpO2 & Heart Rate will display on the screen indicating that the study has started.



### Press Stop to End



**After the study is stopped in the app**, remove sensor and Recorder. The study will upload automatically.

### Uploading Studies

Once the Stop button is pressed in the App, the collected study will automatically upload to the Patient's profile in the Clinician's SleepImage account.

Sign In to SleepImage and click on the Pending button next to the Patient's name to see the study list. Decide to Accept or Reject the study. Accepting the study will generate a report. Rejecting the study will delete the upload and no report will be generated. Also read the [SleepImage System IFU](#) regarding this process.

**Studies recorded using the app will upload from the app one at a time** for you to accept/reject. When multiple studies are done, you will need to accept or reject each pending study for the next study to upload. Continue until all studies have been uploaded.

### Troubleshooting

#### Can't sign into App

**Reason:** Either the wrong Patient ID or DOB were entered. No internet connection.

**Action:** Check the Patient's Date of Birth & Patient ID against their profile in the SleepImage Account. Correct as needed. Make sure the mobile device has a stable internet connection.

#### Study did not upload

**Reason:** The study was too short. Internet connectivity was poor when the study ended.

**Action:** Verify internet connection. Restart SleepImage App.

If the issue is not resolved by having the patient ensure good internet connectivity then restarting the app, please send an email to the support team at: [support@sleepimage.com](mailto:support@sleepimage.com) containing the following information:

- Phone make/model: *(example: Samsung Galaxy S10)*
- Your account name: *(example: ABC Dental Clinic)*
- Patient ID: *(from their profile in your account)*
- Date of study: *(date the study was started)*
- Screenshots, if applicable
- Any observations/feedback provided by the patient regarding their experience, the Instructions, or any error messages seen.