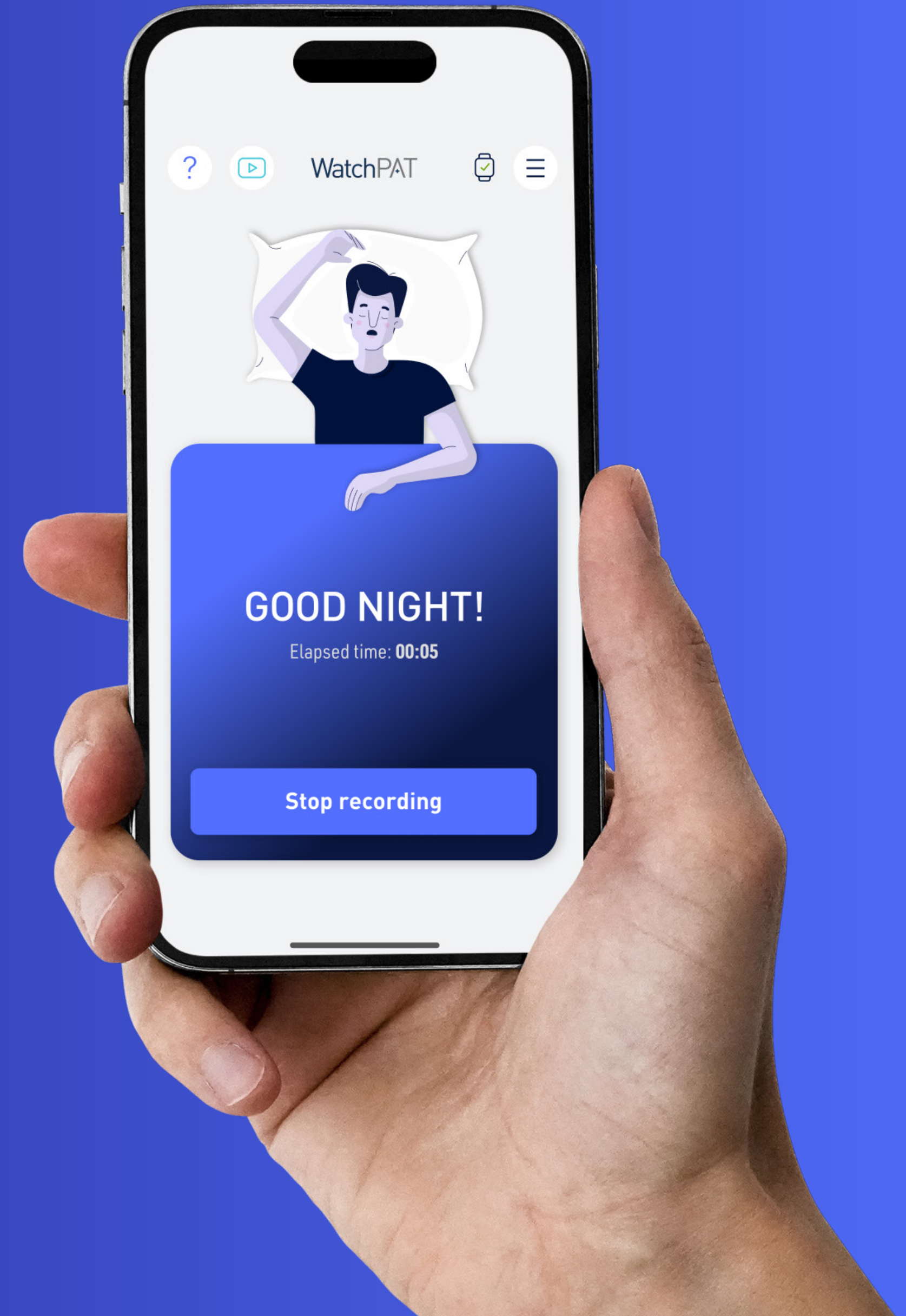


Mobile App Design

App name. WP app

Client. Itamar Medical

First launch. July, 2023



The Challenge

Itamar Medical is a leading company in the diagnosis of sleep disorders. Their innovative WatchPAT device, a wrist-mounted monitor that connects to a mobile app, facilitates sleep tests and the transmission of medical data for clinician monitoring and review.

The primary challenge of the project was to develop a user-freindly, intuitive and a non-intimidating experience, targeting senior audiences, who are not necessarily tech-savvy. The design needed to be simple, easy to read, and ensure a calm and friendly experience for users.

The redesign of the sleep study module aimed to deliver a positive, intuitive, and friendly patient experience throughout every stage of the app. The challenge was to create an onboarding process that was easy to follow and reassuring, while maintaining a professional atmosphere.

The new design demanded a meticulous approach to user interface design, content presentation, and functionality to meet the diverse needs of Itamar Medical’s patient demographic effectively.

The Strategy

Designing an app for medical purposes requires a thoughtful approach, particularly when catering to senior audiences. Our strategy centered around several key design principles aimed at enhancing user experience and ensuring clarity throughout the application:

Calming Aesthetics: A palette of light colors and a clinical, yet soothing design to alleviate anxiety associated with medical tests. Additionally, users can identify with the characters depicted as tucked under the app’s blanket, prepared for sleep.

Accessibility: To accommodate senior audiences and ensure usability, we implemented high contrast, enlarged fonts, and illustrated patient characters. These elements not only aid in readability but also enhance user identification and personalize the experience.

User Guidance: Clear and intuitive navigation is critical for guiding users through intimidating medical tests. We integrated process menus and animated, illustrated instructions to simplify user interactions, ensuring smooth progression and understanding.

Professionalism: To cultivate trust and credibility, the app incorporates illustrated characters and maintains a reassuring tone throughout. This approach reassures users and emphasizes the app's reliability in managing their needs.

These strategic designs were meticulously integrated to create a user-friendly interface that engages users effectively. By prioritizing ease of use, accessibility, and educational empowerment, our design strategy aims to enhance overall patient satisfaction and operational outcomes

The Solution

Our approach focused on combining a friendly user interface with trustworthy medical aesthetics, resulting in high user engagement and satisfaction. By prioritizing ease of use and clarity, we successfully enhanced the patient experience while maintaining professional standards.

The Impact

We aimed to provide our customers with a new standard for patient management and engagement. PearlCom excelled in implementing our patient-centric approach by creating an innovative, user-friendly and intuitive design targeted at our senior audience.



Joao Mendes Roter
VP Patient Engagement
Joao.mendes-roter@zoll.com

WP Mobile App

Sleep study Module

The sleep study module serves as the cornerstone of the app. It features a structured onboarding process that seamlessly connects the app to the WatchPAT device, guiding patients through each essential step required to successfully complete the sleep study.

[View prototype](#)



ENTER YOUR NUMBER

Country code
+1

Phone number
(201)-445-7566

Let's go!

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PROFILE

Please complete your profile

First name
John

Gender
Male

Date of birth
08/13/1962

Height
72 in

Neck circumference
17 in

Weight
255 lb

Last name
Doe

Save profile

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ATTACH FINGER PROBE

- Insert any finger of your non-dominant hand, except your thumb, all the way into the probe.
- Push the tip of the probe against a hard surface (such as a table).
- Pull the TOP tab towards you to remove the sticker from the probe.

Step 6/6

ATTACH CHEST SENSOR

- If you wear a shirt at night, feed the chest sensor through your sleeve and up to the neck opening.
- Peel the white paper from the back of the sensor.
- Attach the sensor to the center of your upper chest bone, just under the sternal notch.

Step 5/6

INSERT BATTERY

- Open the battery compartment cover on the back of the WatchPAT™ ONE.
- Insert the battery with the flat side facing the minus sign.

Step 1/6

GOOD NIGHT!

Elapsed time: 00:05

Stop recording

PREPARATION

- Make sure your phone stays plugged in overnight and is not on flight mode.
- Turn off any unnecessary electronic devices in the room.
- Make sure your phone is located no more than 15 feet/5 meters from the WP1.
- At least 6 hours of data recording is required.

Step 2/6

GOOD MORNING!

Please do not close or delete the application, or remove the battery, while the data is being uploaded. This will take several minutes.

50%

CONGRATULATIONS!

Your sleep test is successfully completed. Please do not remove the device.

WatchPAT



ENTER YOUR NUMBER

Country code

Phone number

 +1

▼

(201)-445-7566

Your number will be used to verify your assigned services

Let's go!

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WatchPAT



☰



WELCOME!

This application sends your sleep data to your healthcare provider. Before we set up the device and begin our sleep study, please do the following:

- Remove jewelry, accessories and tight clothing.
- Remove artificial nails or nail polish, and trim your fingernail on the finger you want to place in the sensor (it can be any finger other than the thumb of your non-dominant hand).
- Make sure you have your PIN code.
- Activate Bluetooth and WiFi or cellular data on your mobile device.

I'm ready to setup

[or view quick guide](#)

WatchPAT

✕

 Languages **English**

>

 Quick guide

>

 Video guide

>

 Trouble shooting

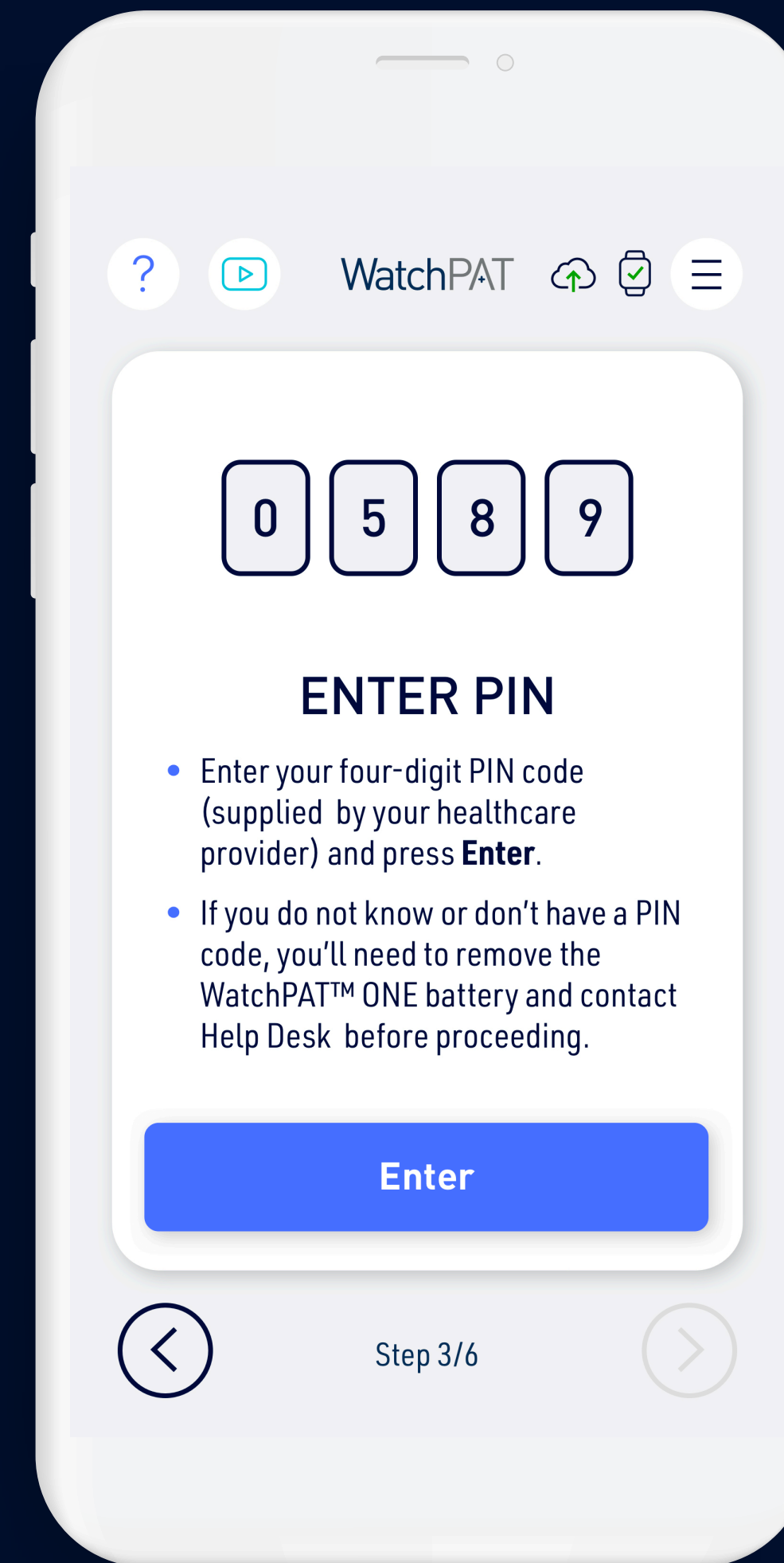
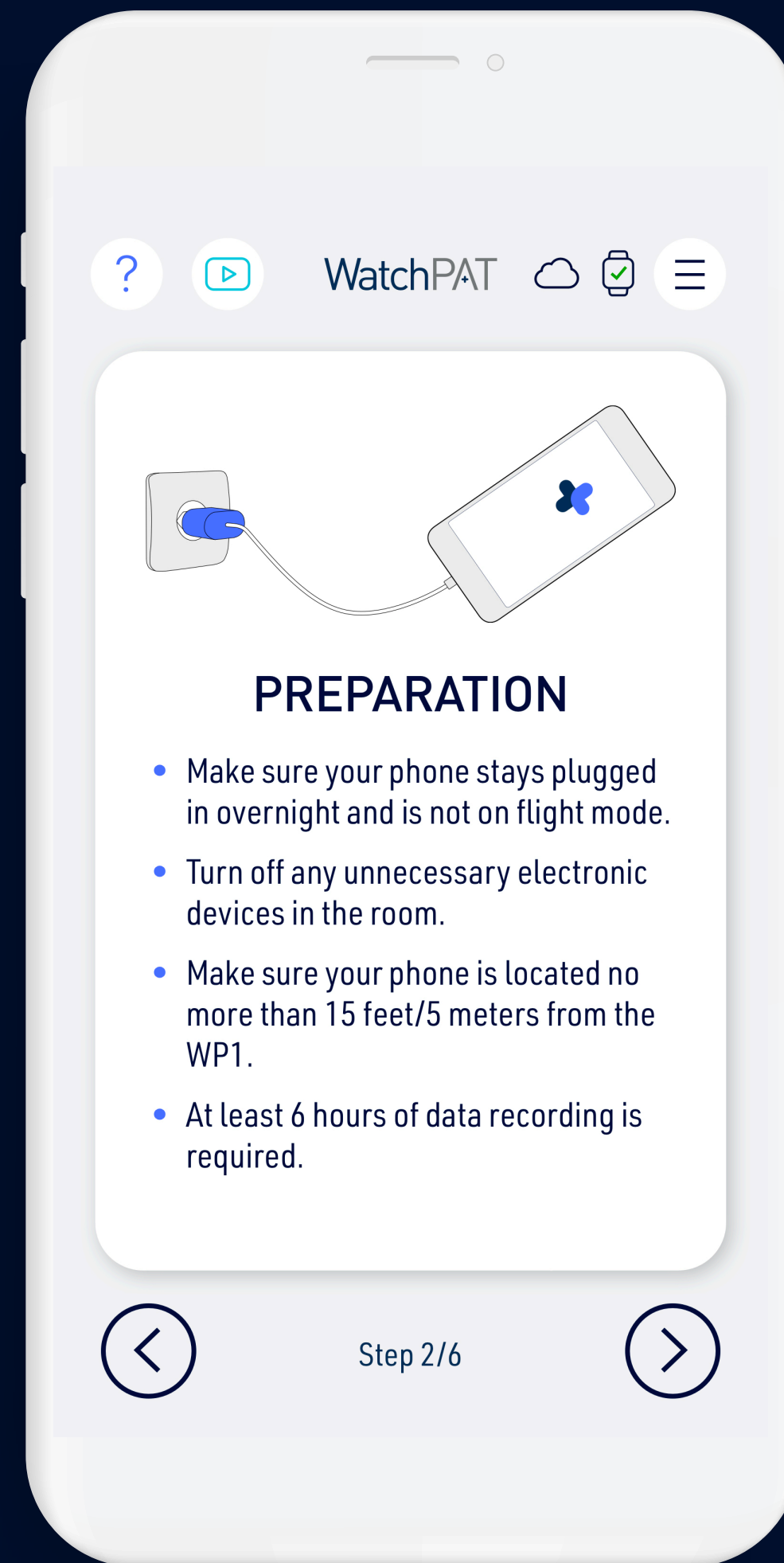
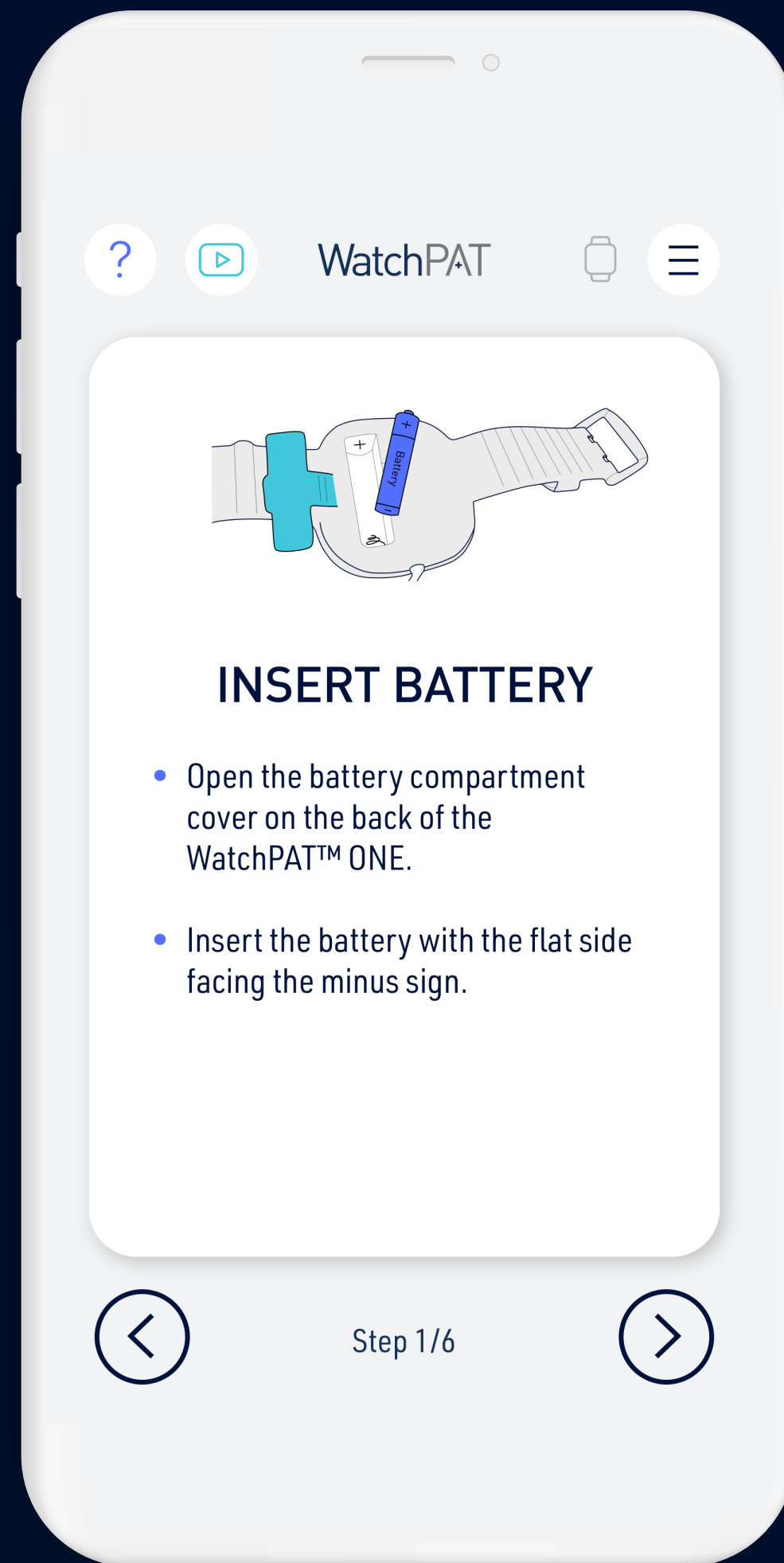
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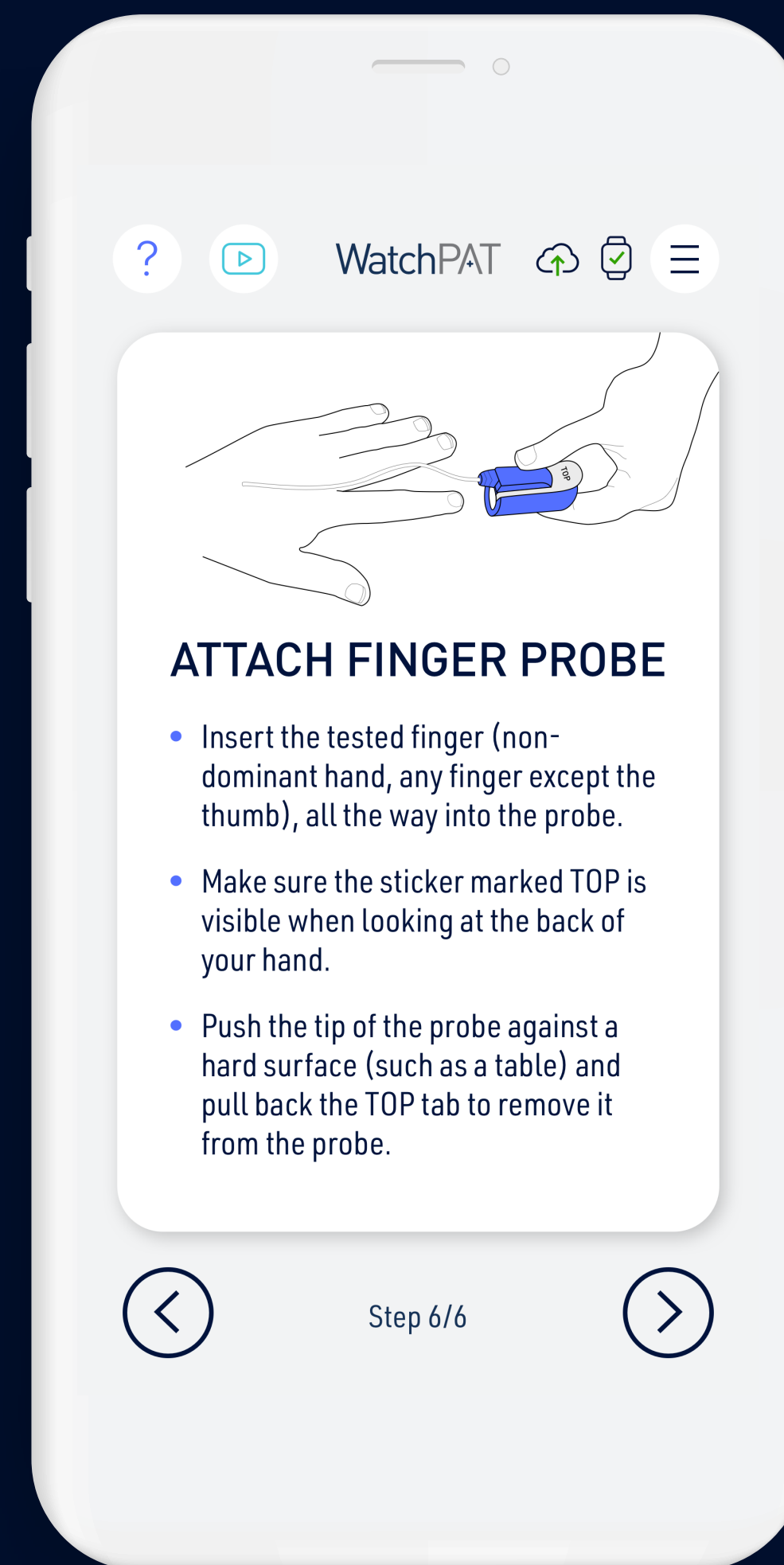
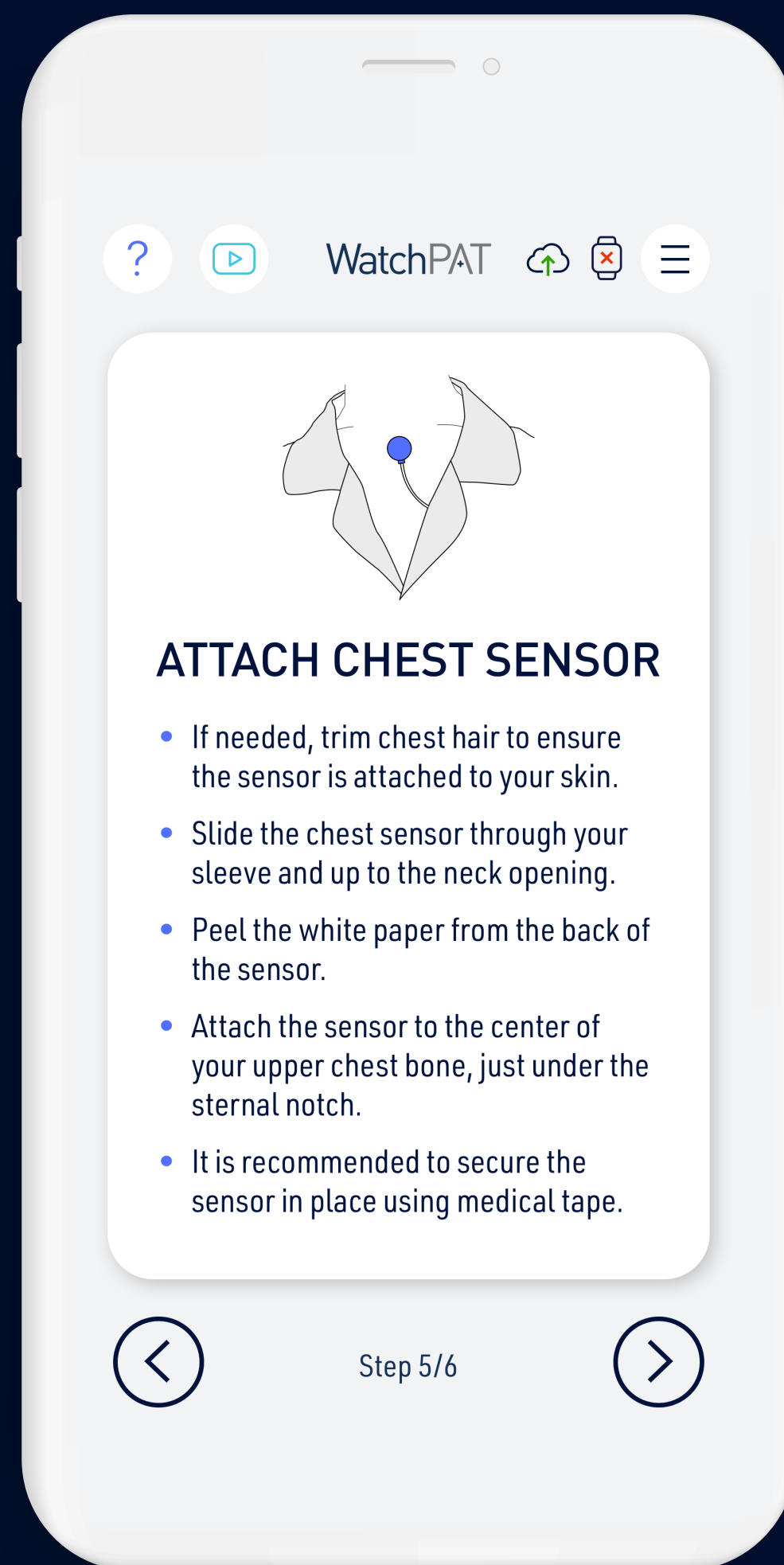
 FAQ's

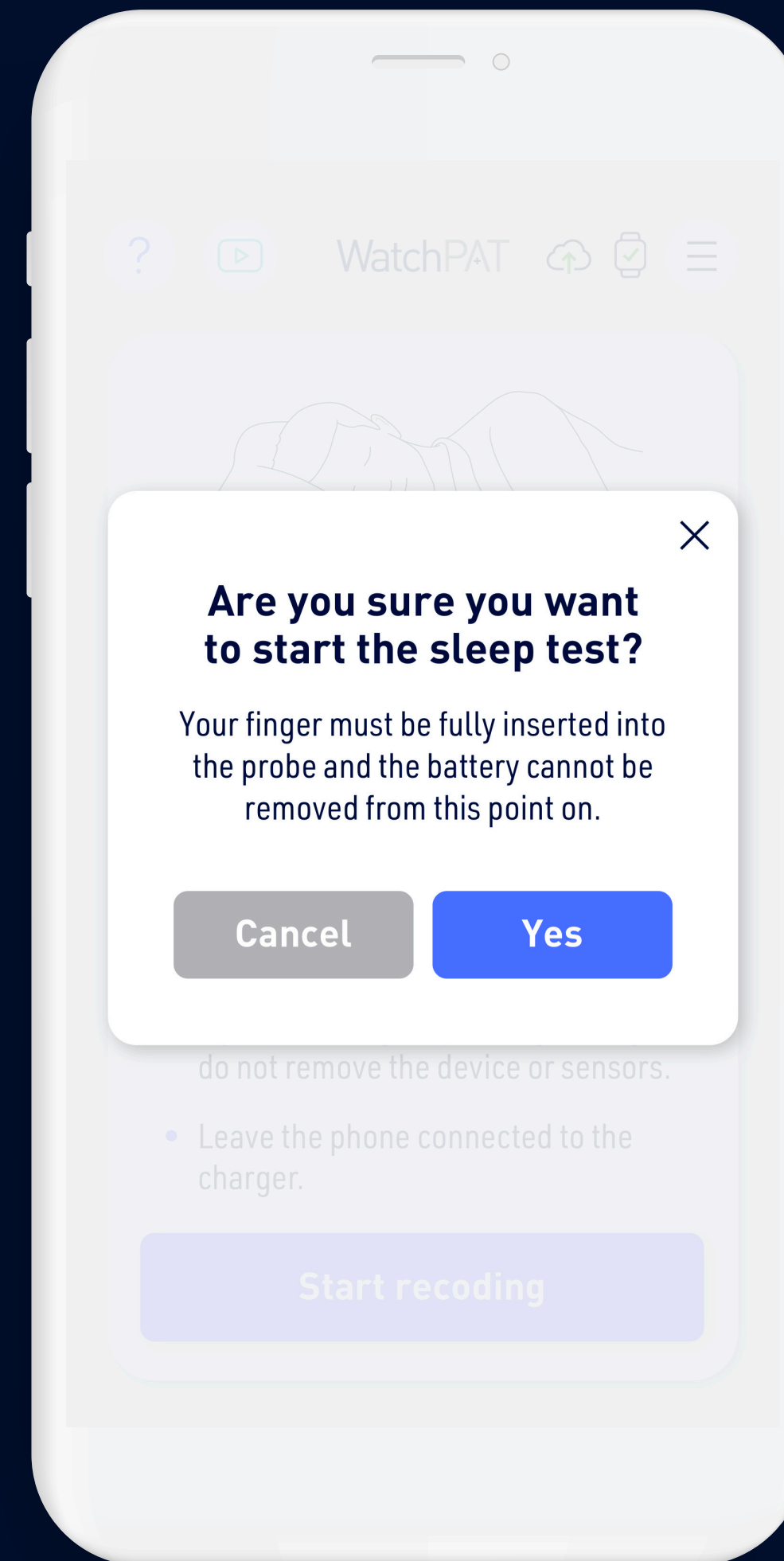
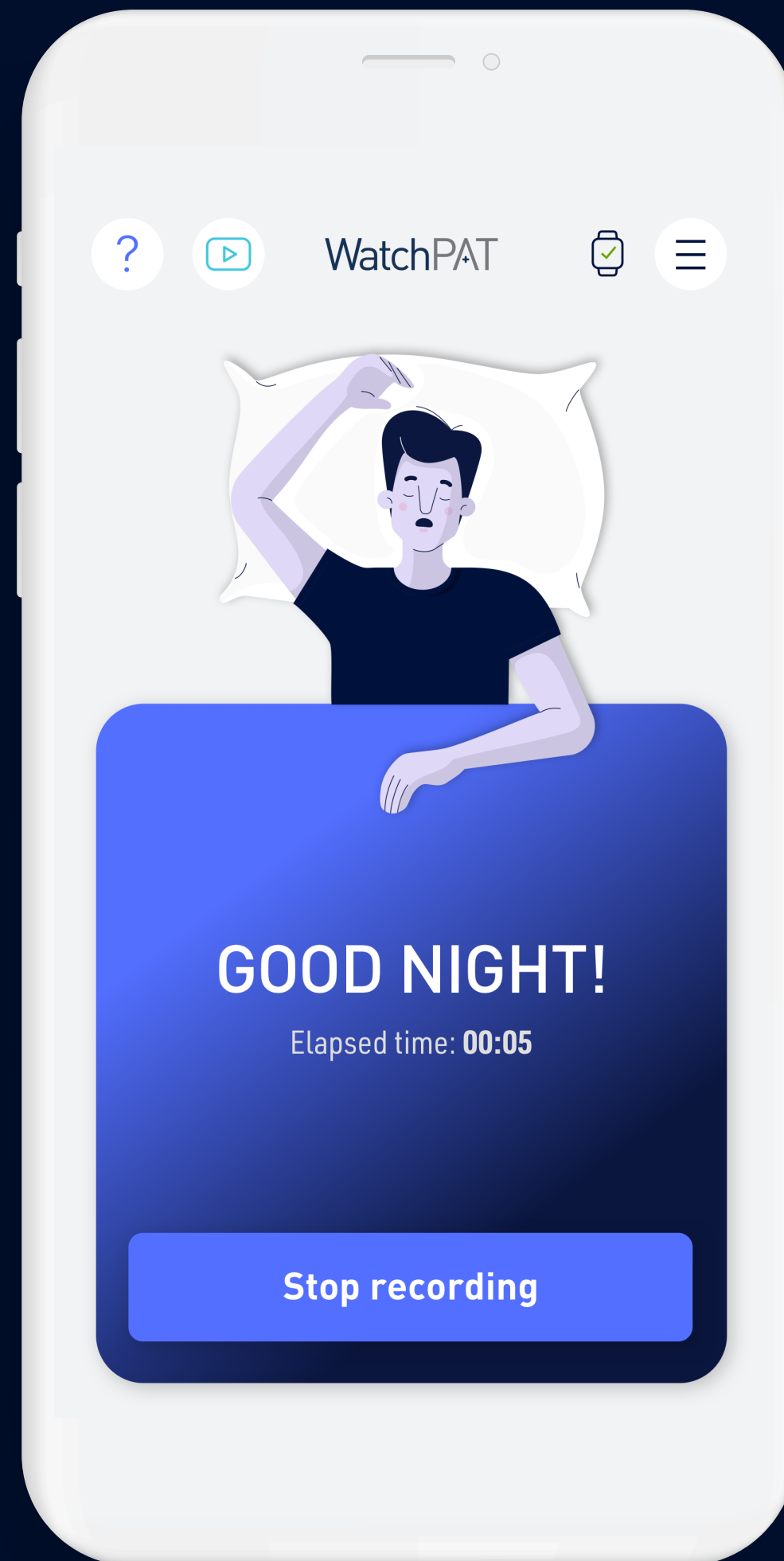
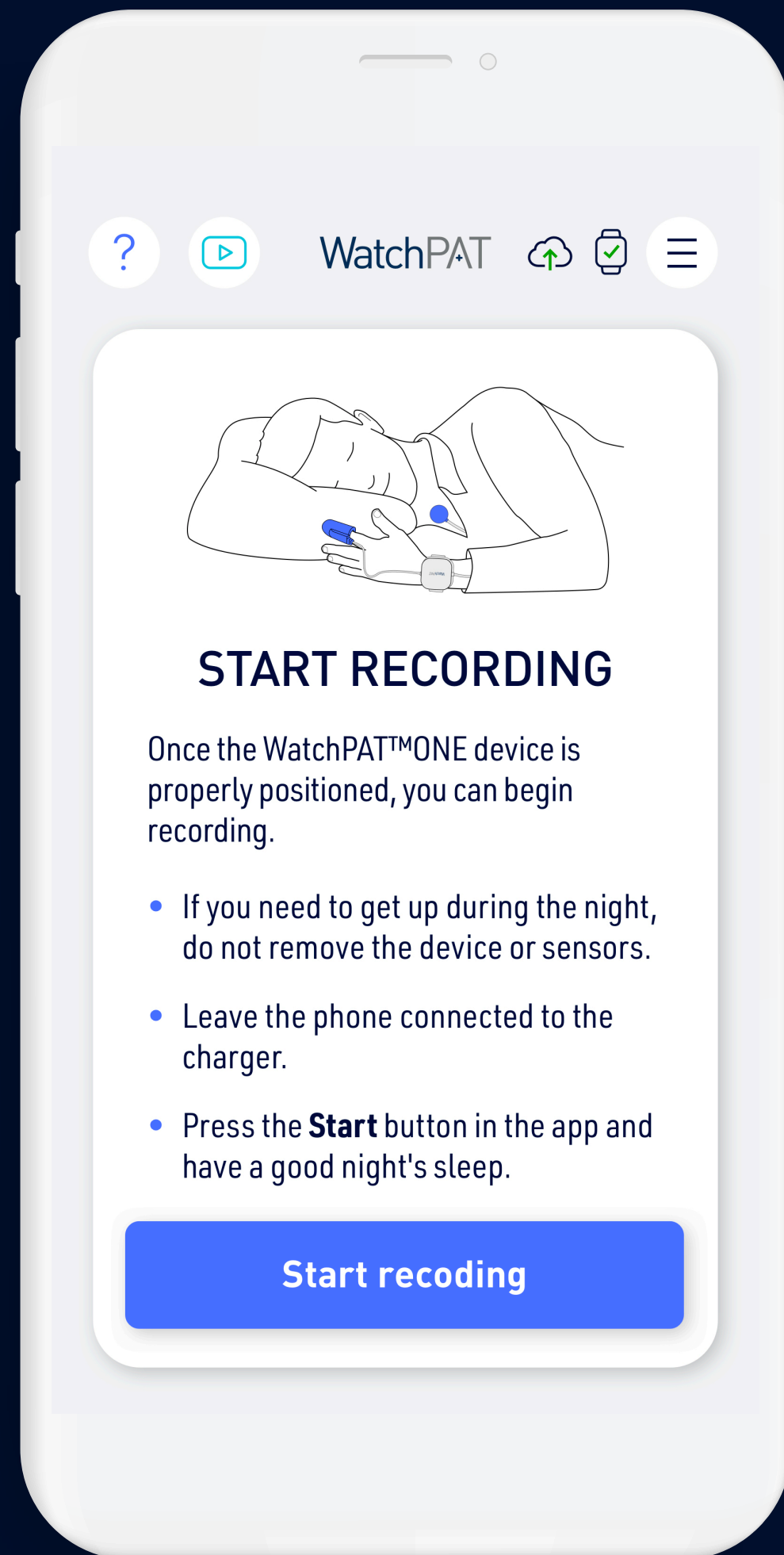
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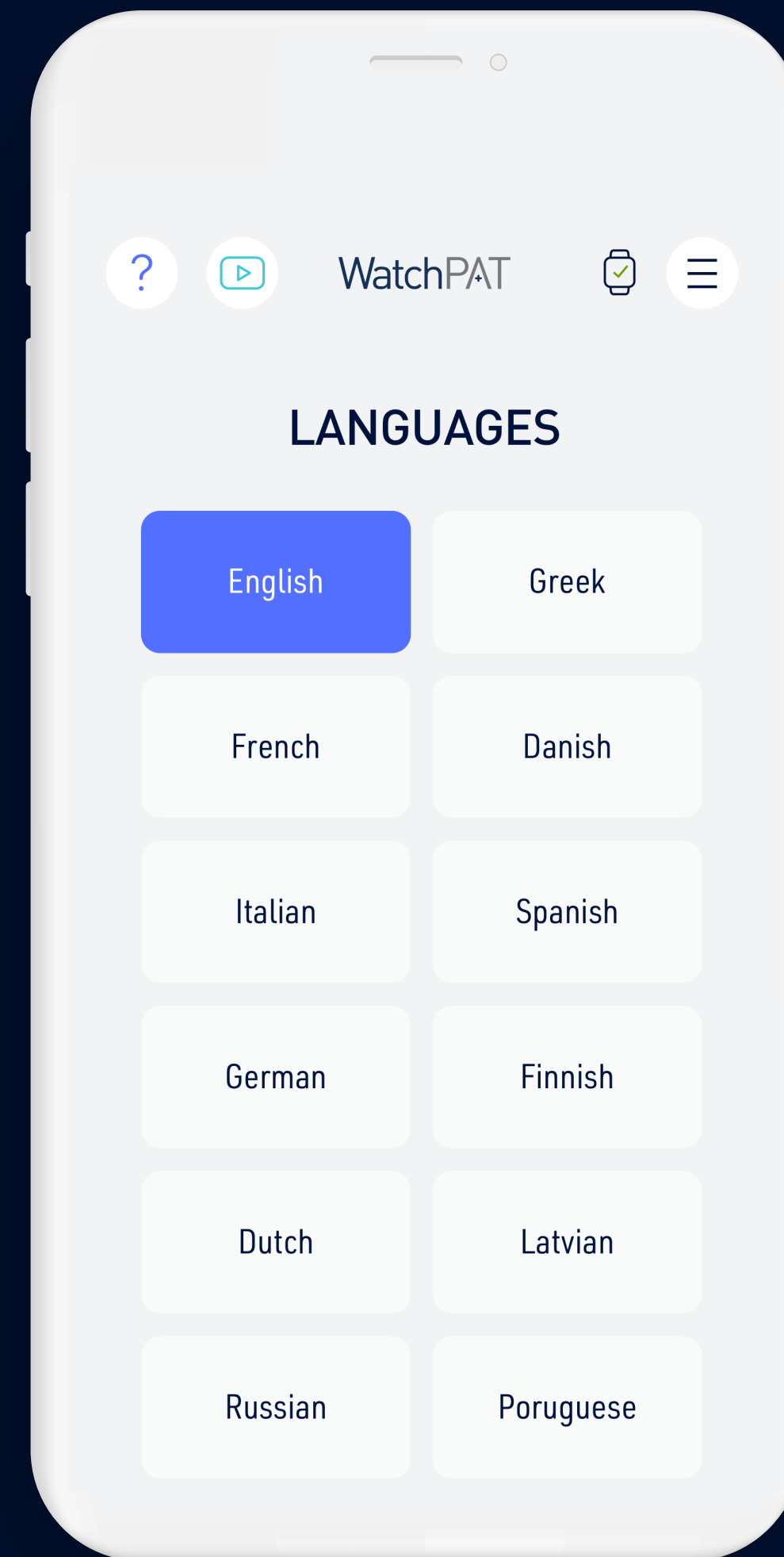
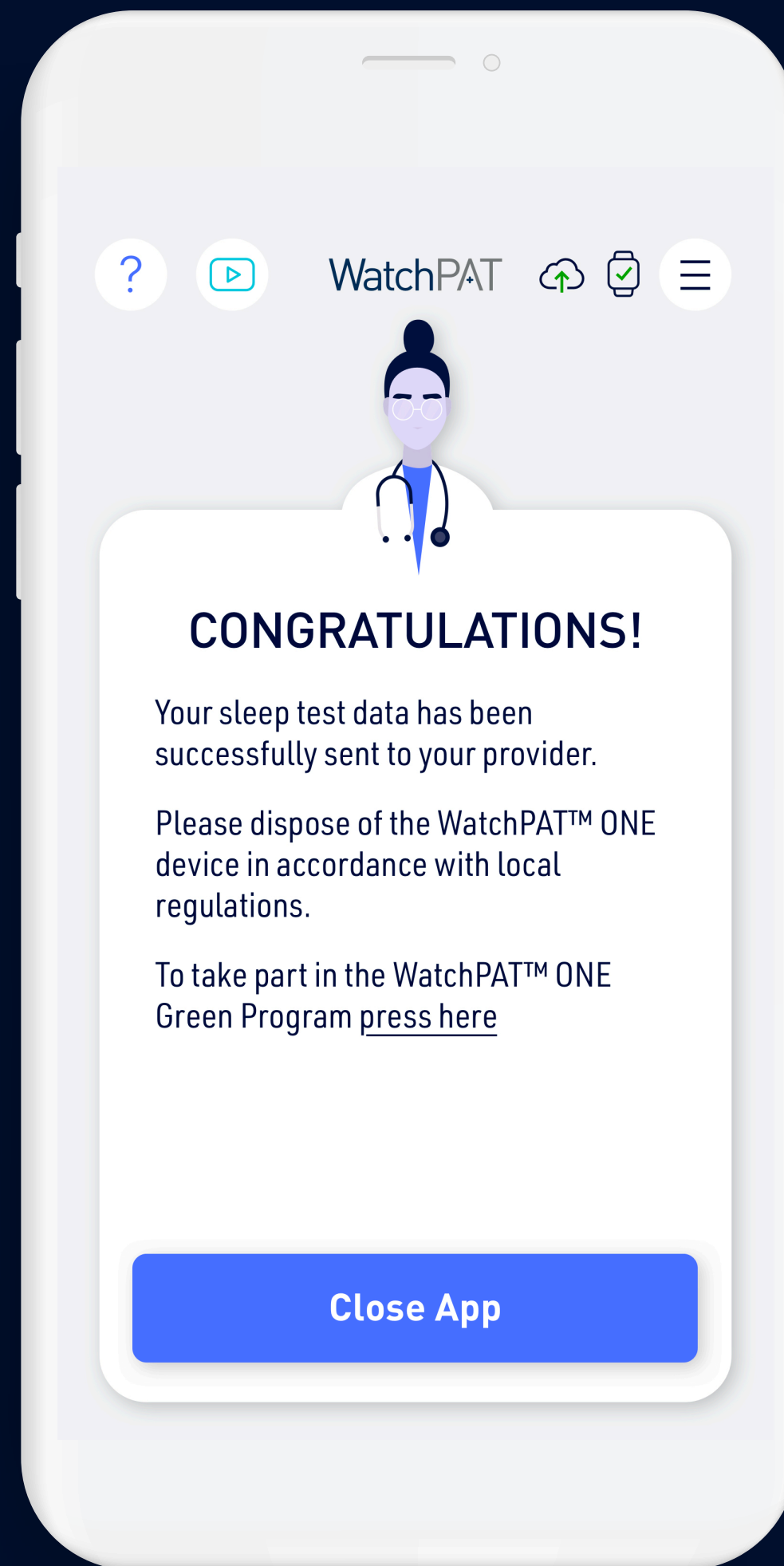
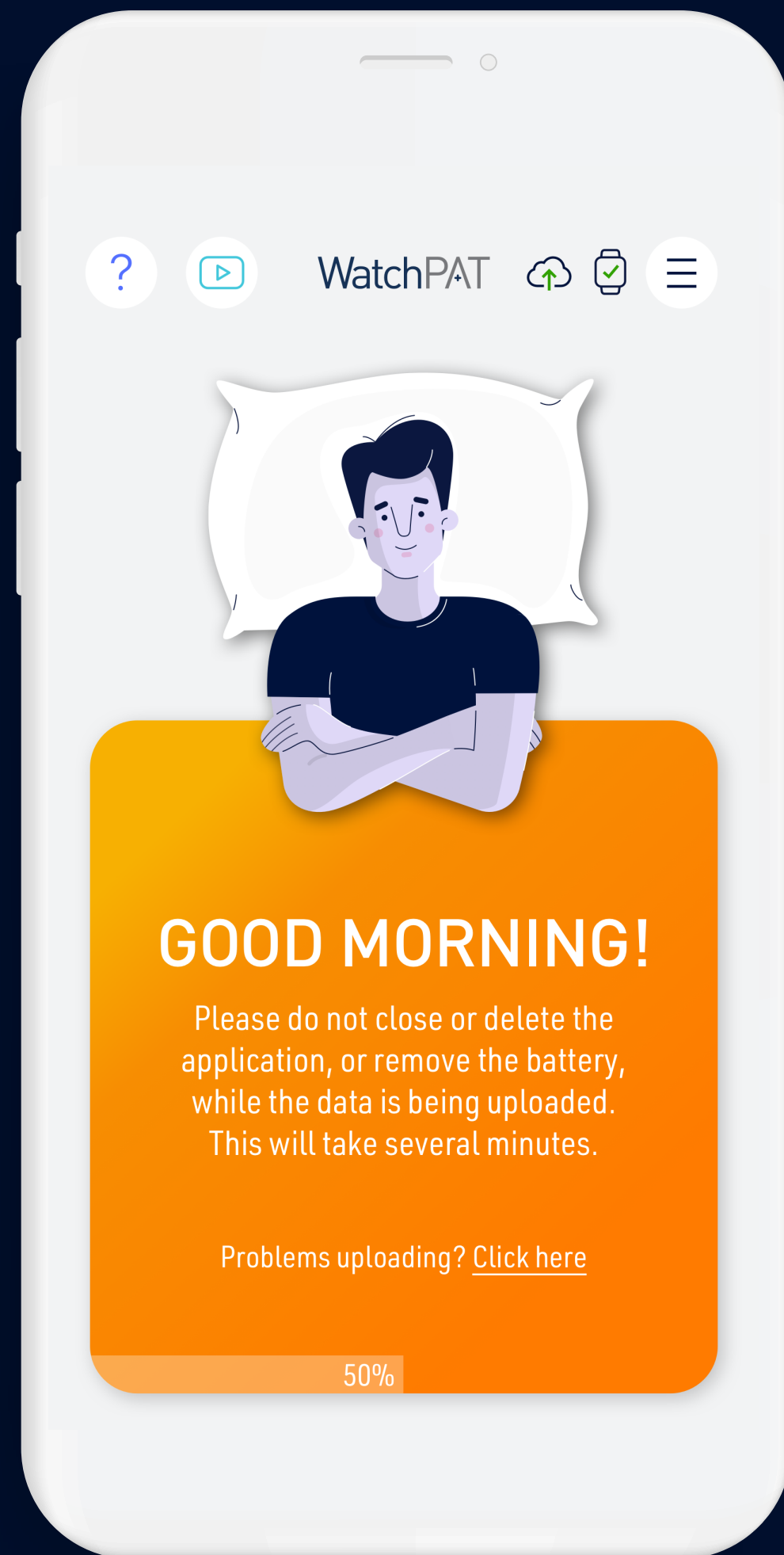
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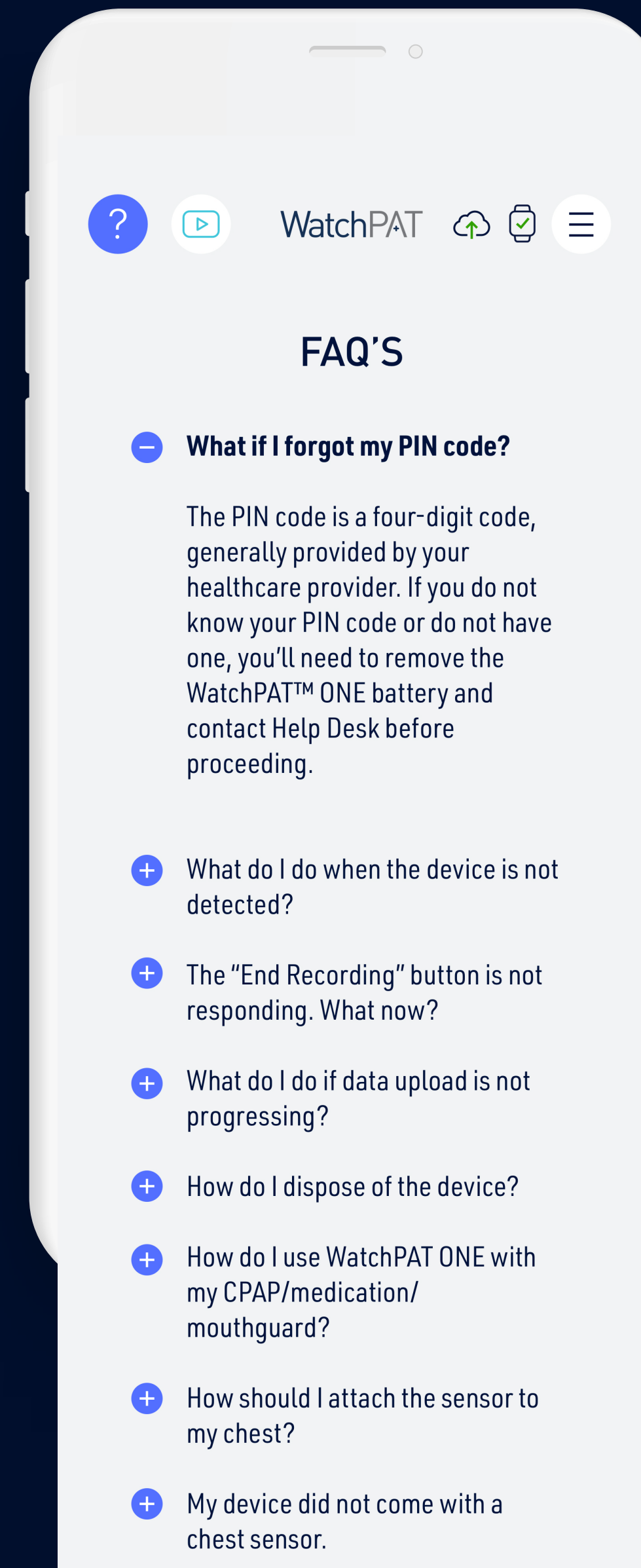
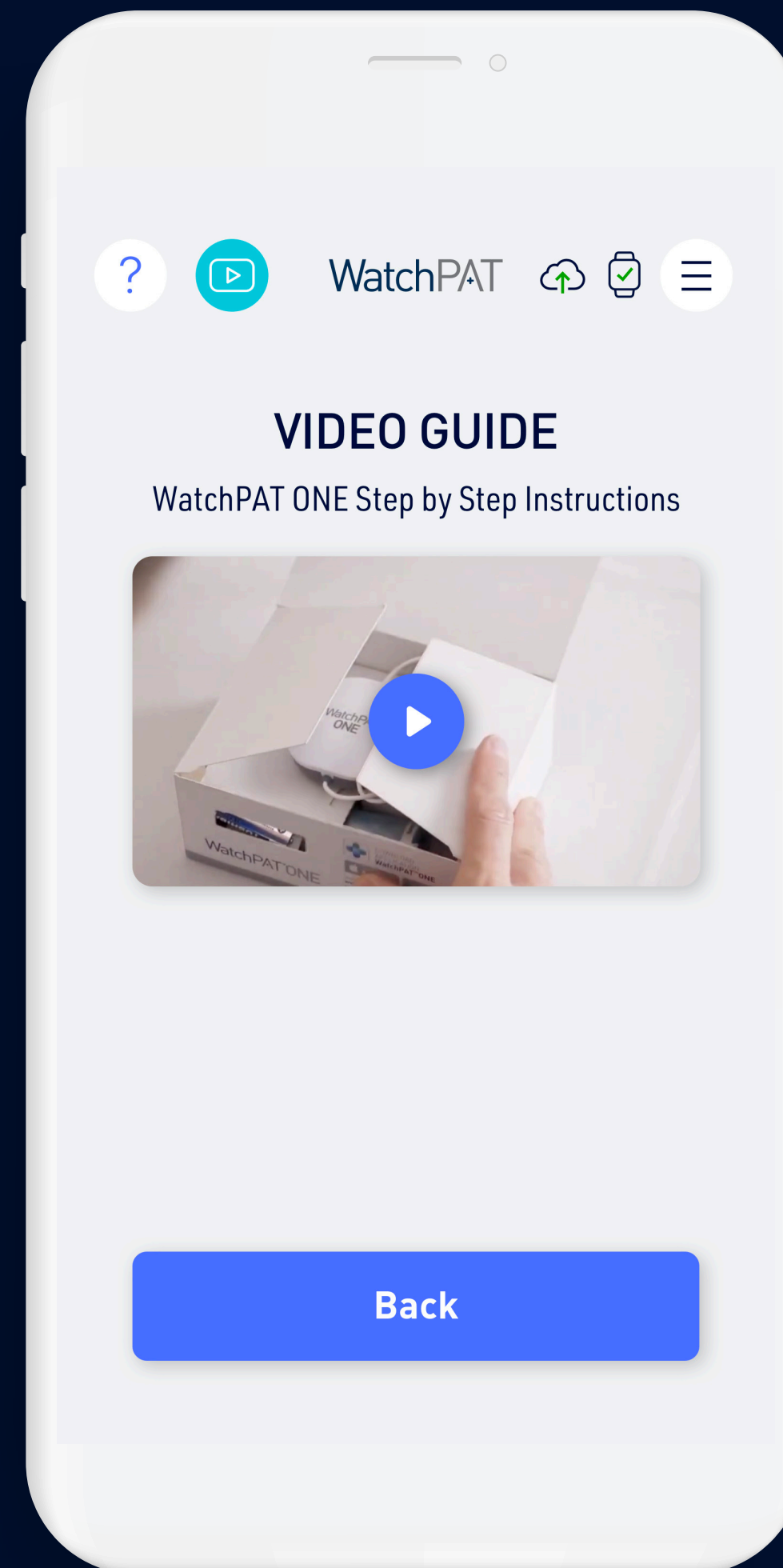
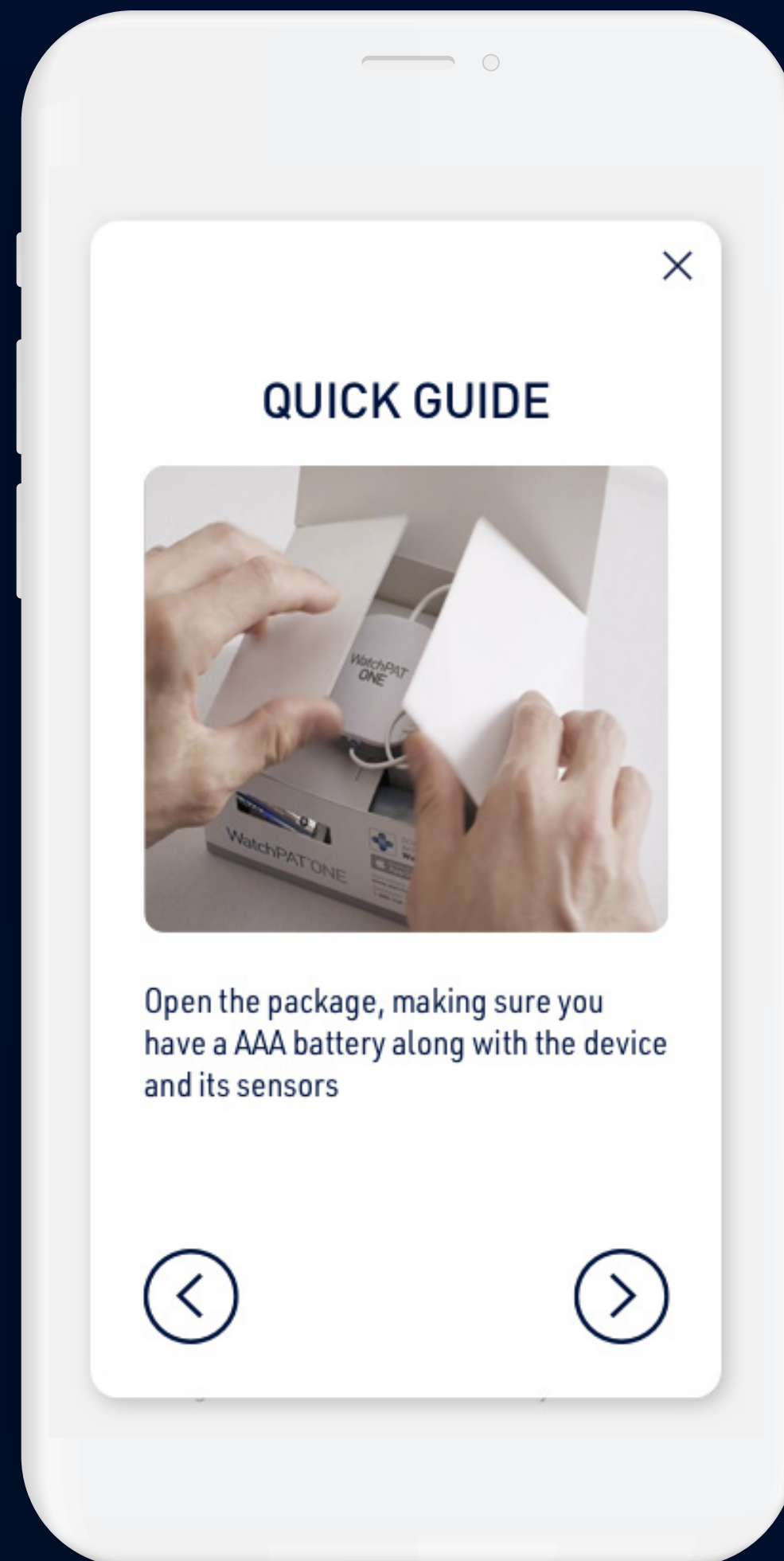
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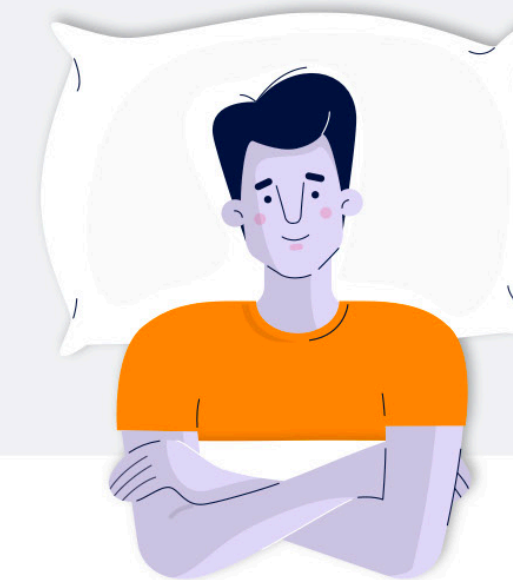
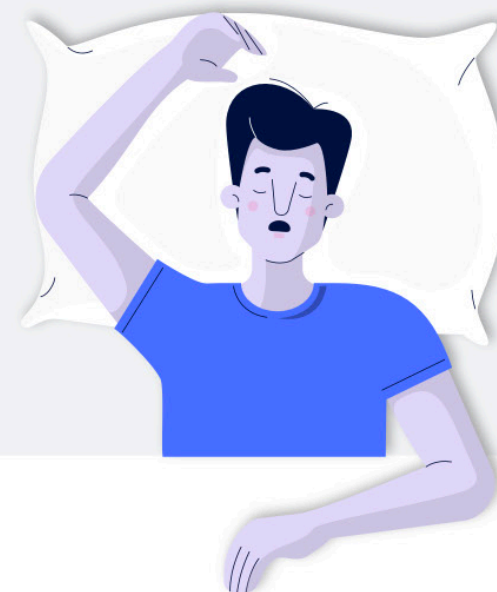




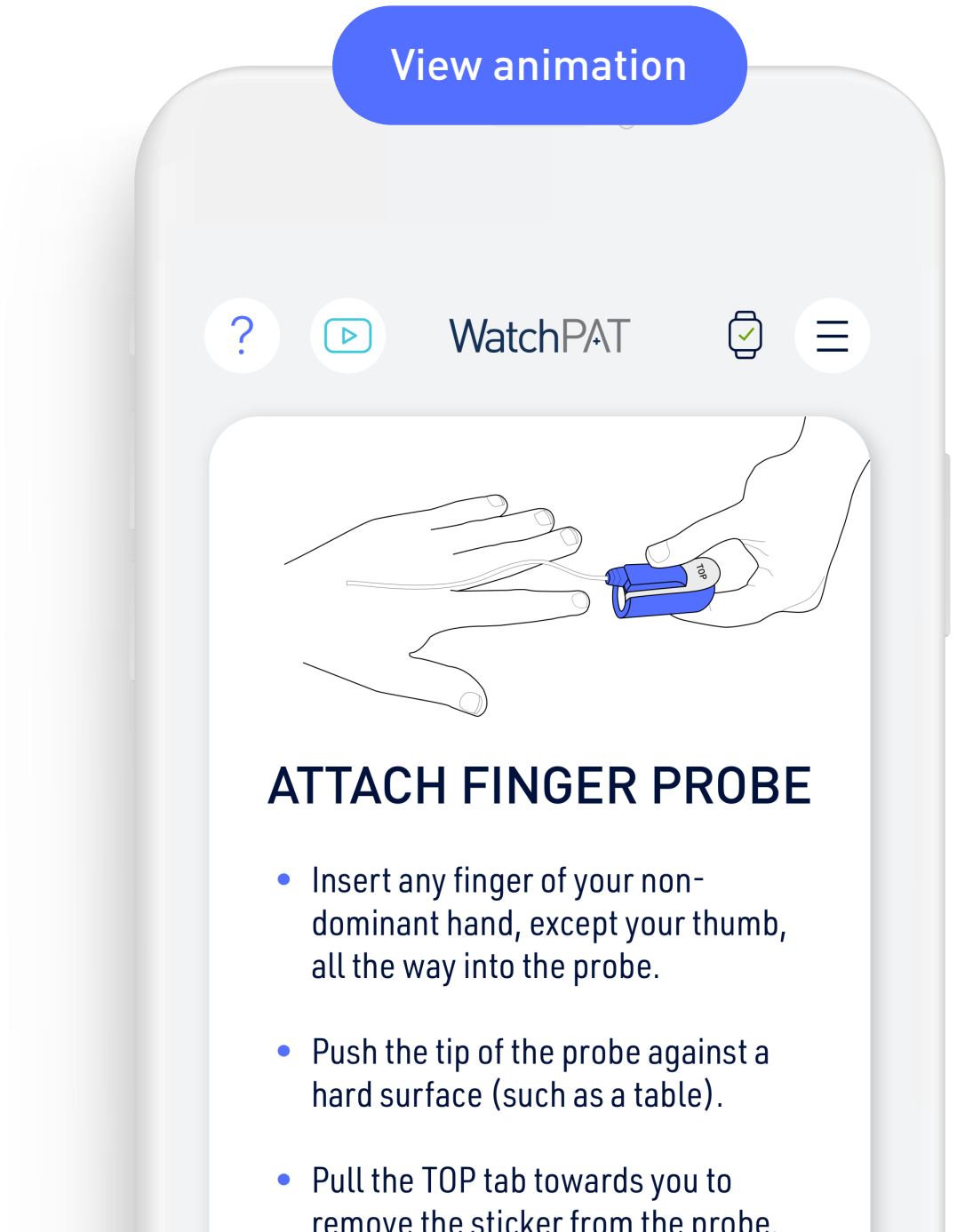
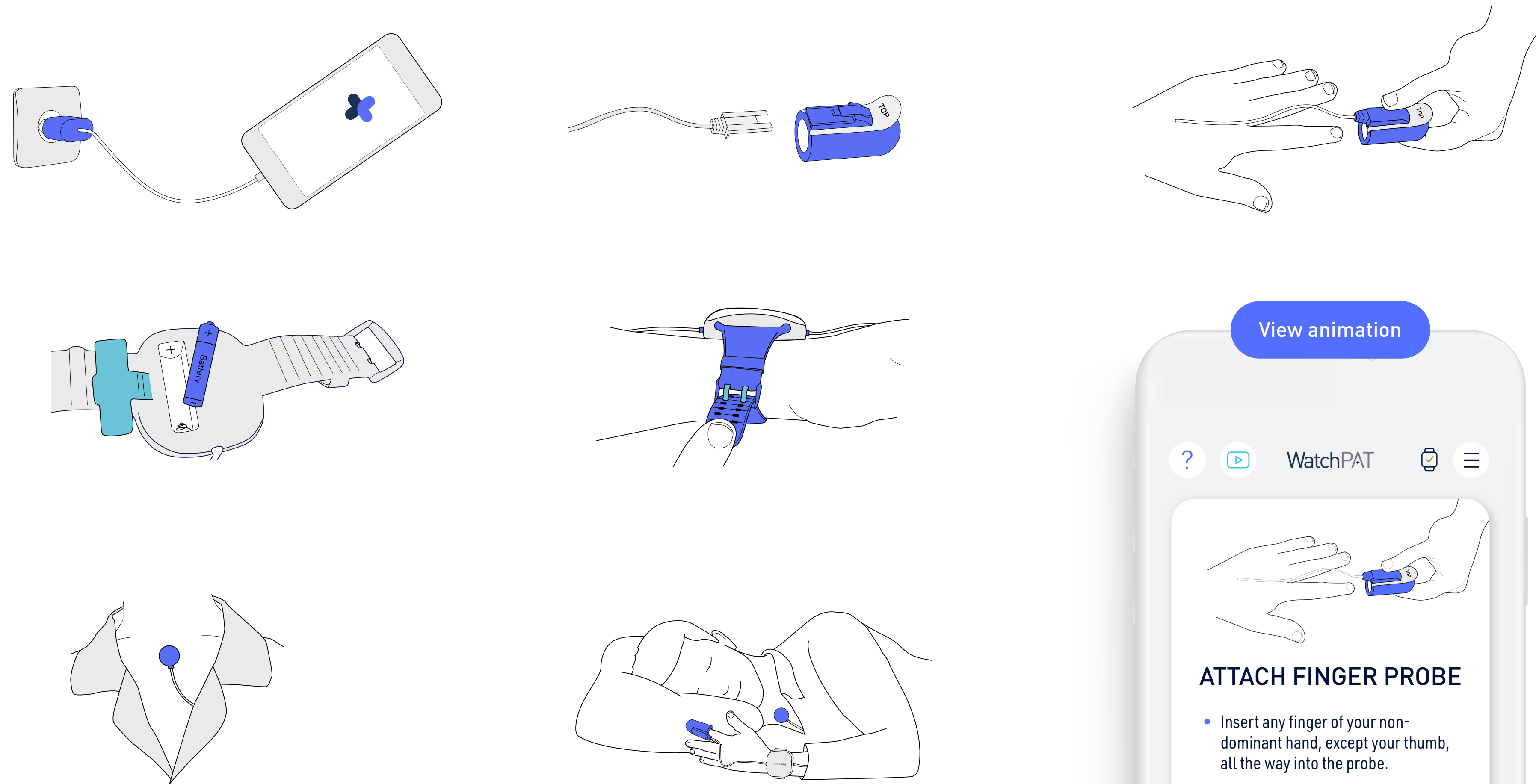




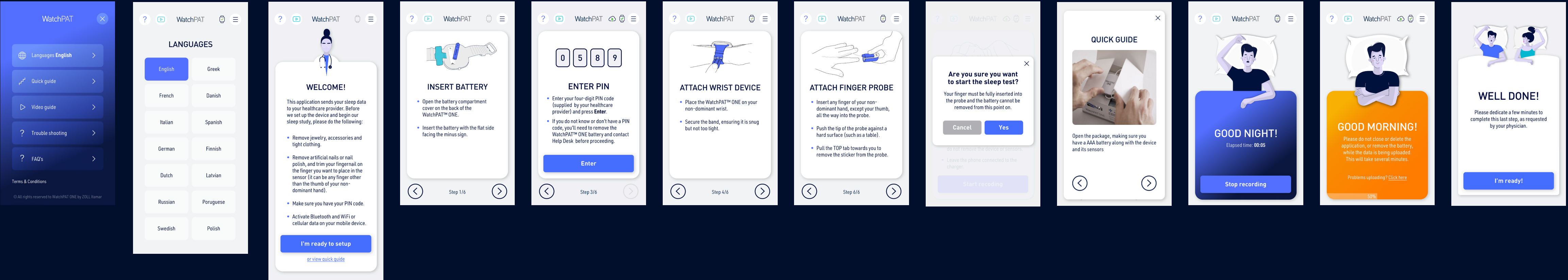
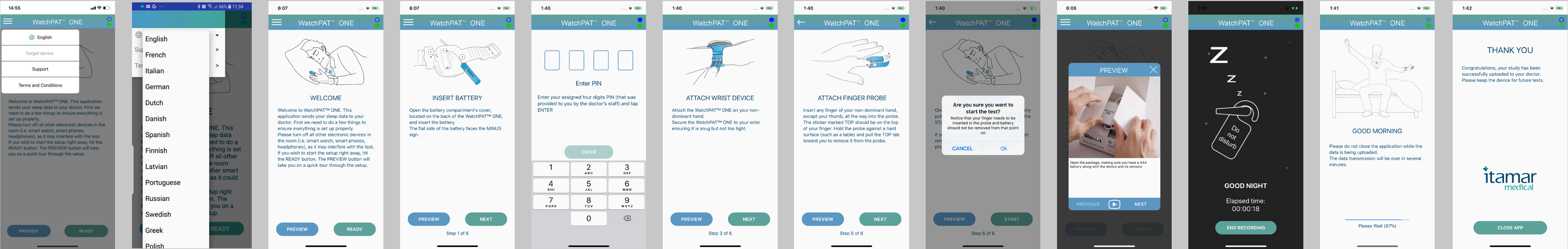
Illustrated Character Styling



Medical illustrations styling & animations



Old App Design



THANK YOU

(and good night)



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