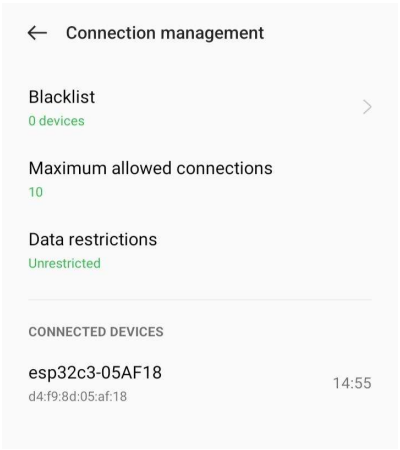
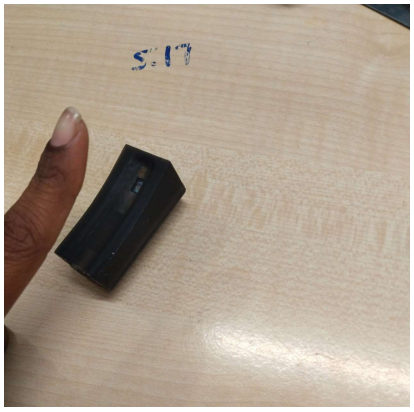
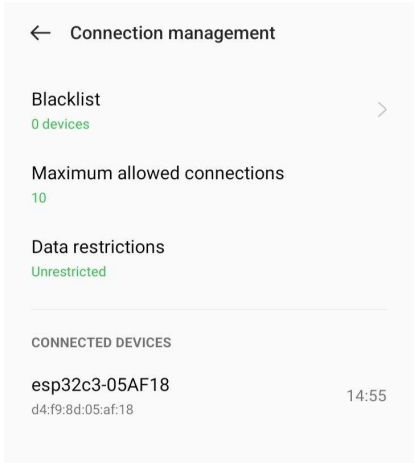
Sleep Apnea Monitoring Device Usage Protocol

S. NO	HEADING	IMAGE	CONTENT
1	**Device Placement on the Finger**	 Device Off Device On 	1.1 Preparation: • Clean the patient's finger thoroughly to ensure good sensor contact. • Ensure the device is charged and powered on. • Red light is the indication for condition of the device. **1.2 Device connection confirmation** • Turn on the hotspot page while device is connecting to your mobile . • If the device is connecting to your mobile then , it will show the name of the device in your mobile. • After connecting the device , it will show like below this in your hotspot page for 1 to 5 seconds.

		 Finger palcing **Velcro Stricker Attachment**	**1.3Velcro Sticker Attachment:** • Place the finger on the device properly . • Affix the Velcro sticker to the back of the device. • Wrap the Velcro strap around the patient's finger, securing the device in place. • Adjust the strap to achieve a snug but not tight fit to ensure comfort.
2	**Patient Comfort and Sleep Preparation**		2.1 Comfort Guidelines: • Educate the patient on the importance of keeping the device securely fastened for accurate readings. • Emphasize that the device is designed to be non-intrusive to ensure a comfortable sleep experience. 2.2 Sleep Environment: • Advise the patient to create a sleep-friendly environment to minimize unnecessary movements during the test.

3	**Handling Device Movement**		3.1 Repositioning Guidance: • If the position is changed, the patient should check the device's position and reattach if necessary or contact the Technician for any help immediately. • Encourage the patient to be mindful of the device's placement, especially during sleep.
4	Finger Remove	 Finger Removing 	• If you want to remove your finger first take the velcro from the device. • While removing your finger then it will take the readings upto 1 minute. • If you are not placing the the finger for 1 minute , then it will wait for 3 minutes and after that the device is uploading our data into server. • While removing your finger from device, remember that it needs some mobile data to upload your data into ftp server . • Before removing your finger , you should turn on the hotspot in your mobile. • If the device is connected to your mobile , then it will be display the name of the device. • It is the indication for your data is uploaded into server. Device Sleep: • After uploading the data into server ,the device is going to sleep for 10 minutes. • After 10 minutes the loop is continuously executed.

5	**Feedback and Alerts**		**5. Feedback and Alerts:** 5.1 Device Status Indicators: • The device may have LED indicators to convey its status. • Continuous On, Will Indicate the Device is in booting / Calibration. Blinking every 1 Second indicates proper connection and data collection, while continuous flashing may signal uploading the Data.
6	**Emergency Situations:**		6.1 Device Disconnection: • If the device disconnects due to significant movement or other issues, instructions for reconnection should be initiated by the Technician. • If reconnection is unsuccessful, the patient may need to contact technical support and / or reschedule the Test. 6.2 Unusual Patient Response: • In the event of any unexpected discomfort, irritation, or adverse reactions, the patient should remove the device immediately and seek medical attention.

7.	**. Patient Feedback and Reporting:**		7.1 Patient Diary: • Encourage the patient to keep a simple diary noting any significant events during the monitoring period, such as bathroom breaks or moments of wakefulness. 7.2 Patient Feedback Survey: • Provide a post-test survey to gather feedback on the patient's experience, comfort, and any challenges faced during the monitoring.
8	**Follow-Up and Results:**		8.1 Post-Monitoring Consultation: • Schedule a follow-up consultation to discuss the monitoring experience, address any concerns, and explain the generated report. 8.2 Patient Education: • Reiterate the importance of following the monitoring protocol for accurate results and effective Sleep Apnea management.