

CHOWIS

YOUR CHOICE OF DIAGNOSIS



dermo Pico
dpl harris

Full Manual

dermo Pico



dermo Pico

dpi harris

For more information visit us at www.chowis.com

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DEVICE OVERVIEW



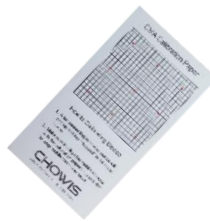
1. Moisture sensor
2. Magnetic attachment
3. Serial Number
4. Light Indicator

5. Micro – USB port
6. Non – removable lens
7. Switch ON/OFF

PACKAGE INCLUSIONS



dpiHarris



Calibration Paper



Micro – USB Cable



Cleaning Cloth



Metal Guide



User Manual



Sebum Paper

SAFETY PRECAUTIONS

Please make sure to read these instructions in the manual carefully before using the device for safety and proper use.

Do NOT touch or insert any items into the optical unit/lens.

Putting foreign substances inside the optical unit or touching the inner part of the lens can affect image quality causing the images to become blurred or unclear. In case there is dust on the lens, use the provided air blower to remove it. Also, do NOT put fingers or hands or other substances into the optical unit/lens. Potential damage can occur to the handset if attempted.

Do NOT look directly into the light of the optical unit.

The optical unit has multiple LEDs which can emit high brightness. Do not look into the light directly to prevent damaging the eyesight.

Do NOT use the handset while charging.

The USB charger (separate purchase available) can cause static in case the handset is used while being charged. It can also affect the analysis result. Therefore, please refrain from using the handset while charging.

Do NOT let conductive materials/substances come into contact with the charger socket or the sensor of the handset.

Do NOT let conductive material (scrap metal, lead etc.) come into contact or get inside of the sensor or the charger socket of the handset. If something seems wrong, stop using the handset and inquire at the retailer or customer support center.

Use the device at temperatures between 5c° ~ 40c°.

Proper storage is required for the device. Potential damage can occur on the handset such as errors or abnormal battery discharge in case the handset is used or stored in too hot or too cold places.

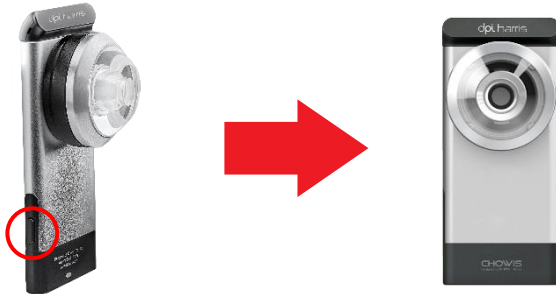
Place the device in a dry location, away from moisture or humidity.

Do NOT touch the device with wet hands or use it in a humid environment.

HOW TO USE THE DEVICE

ATTACHING DEVICE TO PHONE

1. Press switch button of the dpiHarris device for 3 seconds until LED light blinks.



2. Attach the metal guide to your phone.



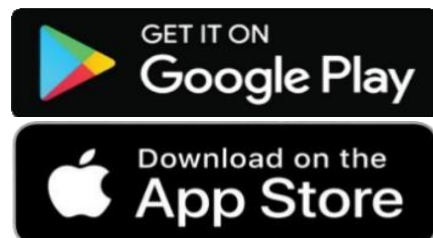
3. Attach the dpiHarris device on the metal guide of the smart phone or the phone cover. Mount device to the metal guide.



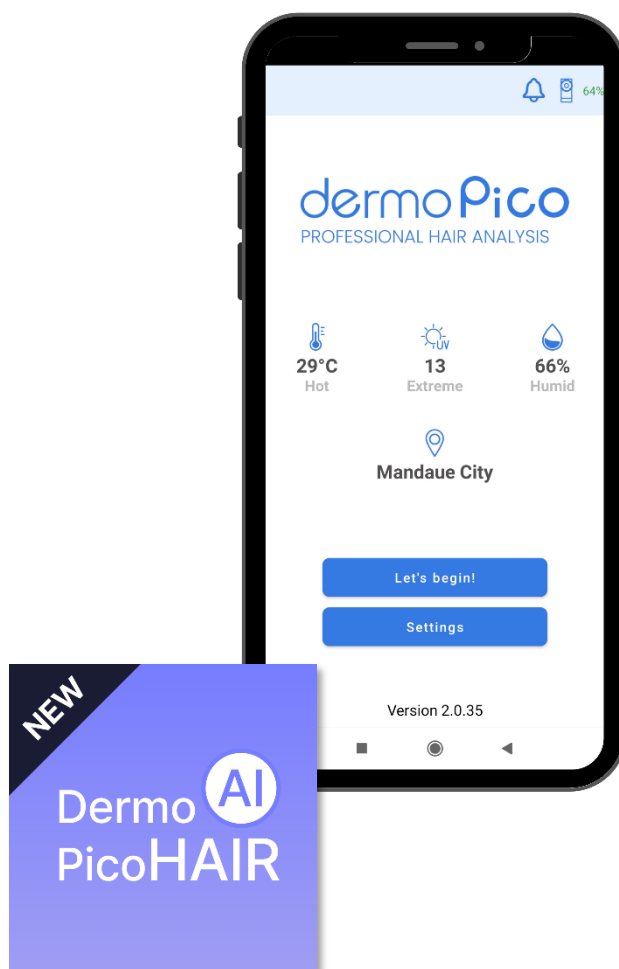
HOW TO INSTALL

APP INSTALLTION

1. Launch Google Play Store or Appstore and search "Chowis" or "Dermopico Hair"



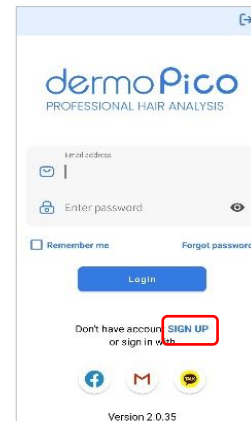
2. Select '**DERMOPICO HAIR**' and press 'Install' to proceed



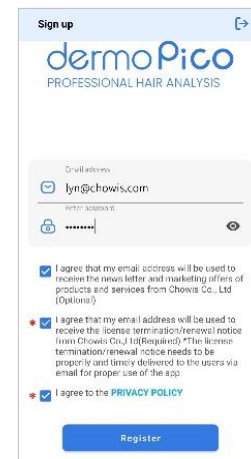
HOW TO SIGN UP

HOW TO SIGN UP

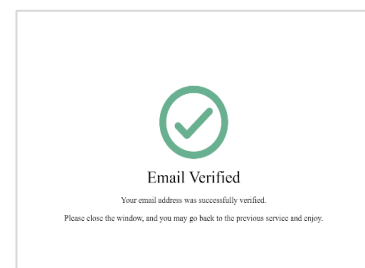
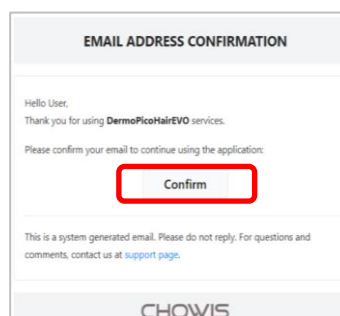
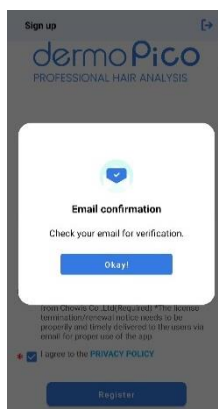
1. Open the “**DermoPico Hair App**” app
2. Tap “**Sign Up**” to create an account.



3. Type the e-mail address and password you want to use, and accept the required terms and conditions, then click the “**Register**” button.



4. Once registration is successful, a verification email will be sent to your registered email address. 5. Open email from **CHOWIS SERVICE** and click the “**CONFIRM**” button to proceed

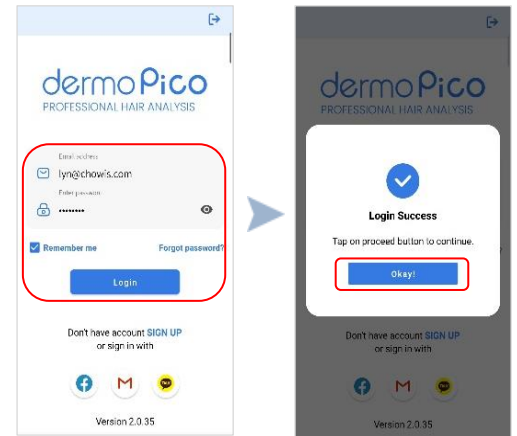


HOW TO LOG IN

HOW TO LOG IN

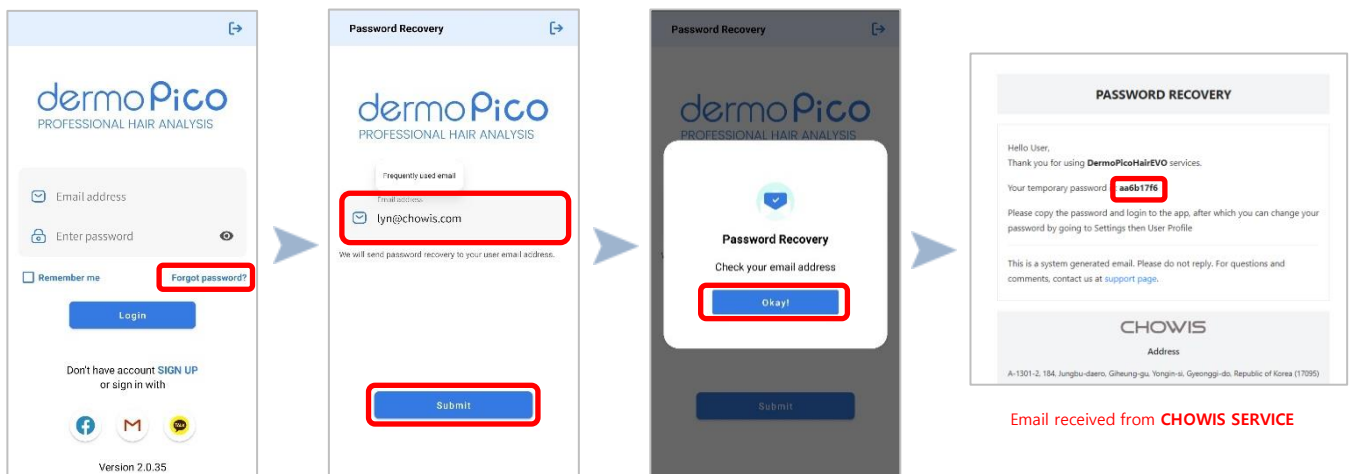
- ACCOUNT LOG IN

1. Open **DermoPico Hair** app.
2. Login to your account and tap the **"Login"** button to log in to the app, then tap the **"Proceed"** button to continue.




- FORGET PASSWORD

If you forgot the password, tap on **"Forgot Password?"** and type the recovery email address and tap on **SUBMIT**. An email from **CHOWIS SERVICE** will be received the temporary password on it



HOW SET UP DEVICE

DEVICE ACTIVATION / DEVICE SET UP

1. After the Login is successful, app will automatically search for an available device to connect. Please ensure that **dpHarris** device is switched ON prior to app login and phone's BLUETOOTH  is ON as well.



2. After app is done with device searching, available BLE ID (Bluetooth ID) will appear on the screen, choose the one that matches your device.



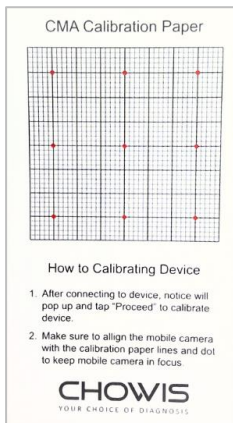
NOTE: If connection was successful, Bluetooth indicator will change to BLUE  if not it will remain BLACK 

HOW SET UP DEVICE

DEVICE CALIBRATION

- GUIDELINES ON HOW TO PROPERLY ATTACH DEVICE TO SMARTPHONE AND HOW TO USE CALIBRATION PAPER

To perform the calibration, make sure you have the CMA Hair device correctly attached to the smartphone allowing ideal alignment of the camera lens and the CMA Hair device peephole.

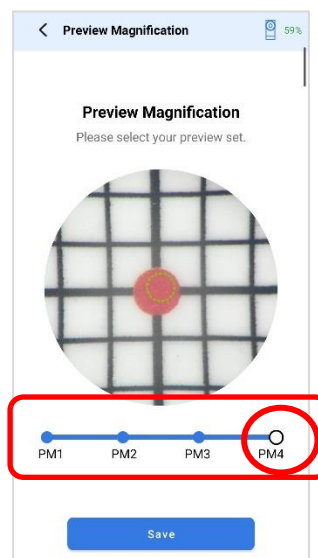
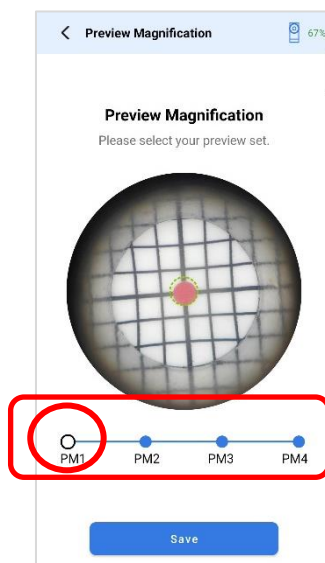


CALIBRATION PAPER



- PREVIEW MAGNIFICATION

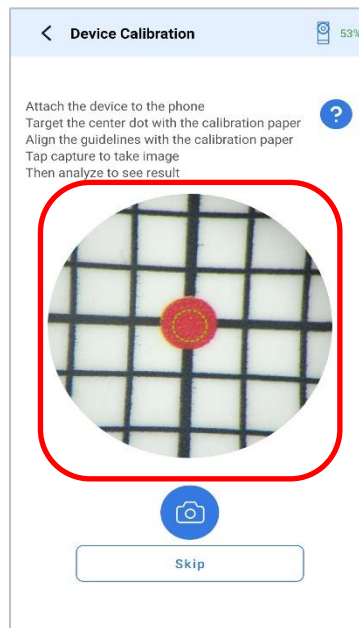
You can alter your preview configuration by adjusting the camera zoom from its lowest setting, **PM1**, to its highest setting, **PM4**.



HOW SET UP DEVICE

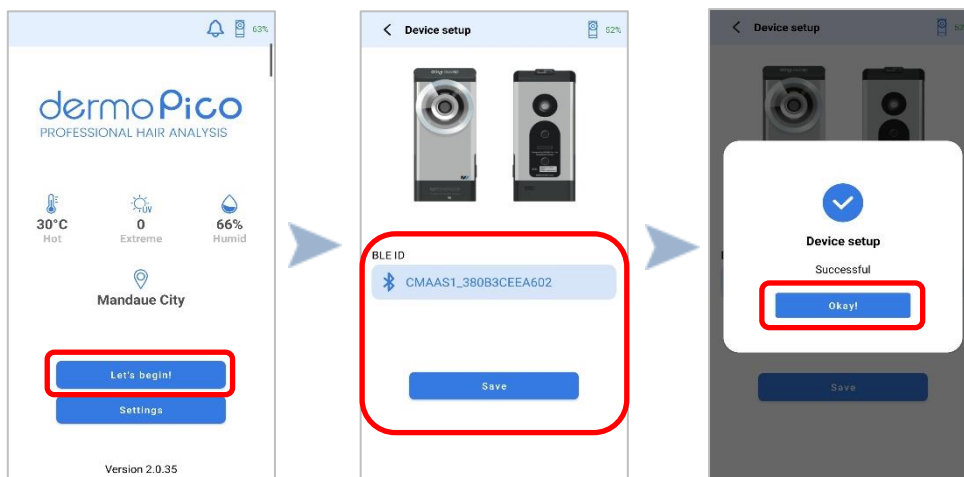
- CALIBRATING DEVICE

After adjustment of the device's preview magnification, next step would be to capture image of the calibration paper. Ensure that the middle red dot is at the center of the field - of - view (FoV), or say at the center of the peephole of the CMA Hair device.



DEVICE REGISTRATION

After successful device activation, device registration will follow. Kindly review the BLE ID (Bluetooth ID) of the analyzer which can be found at the back of the device. Press **SAVE** to complete registration



ANALYSIS FLOW

SELECT MODE OF ANALYSIS

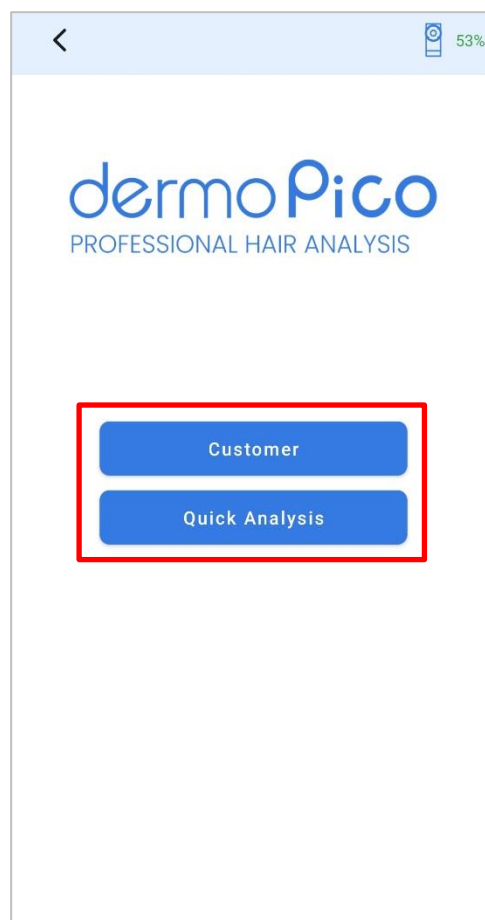
The analysis can be performed in one of two modes: '**Customer**' and '**Quick Analysis**' mode

- CUSTOMER

When selected, this option allows you to manage existing customer profiles or register a new one using the function "**Add Customer**", which requires to input specific details of the customer including name, age, and gender, and save all information for the next and succeeding analysis sessions.

- QUICK ANALYSIS

Quick Analysis is an option without specific customer registration. The diagnosis process is the same as total diagnosis, but customer data management is not available and data will not be saved including images and results.

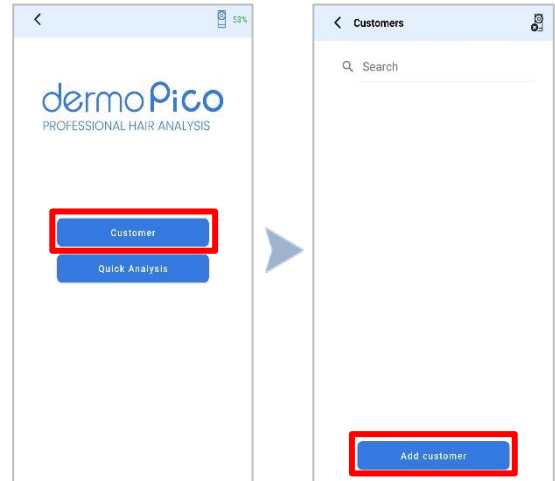


ANALYSIS FLOW

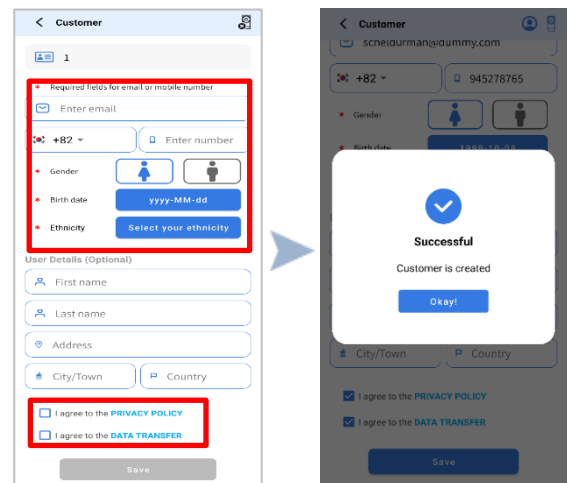
CUSTOMER

- New Customer Registration

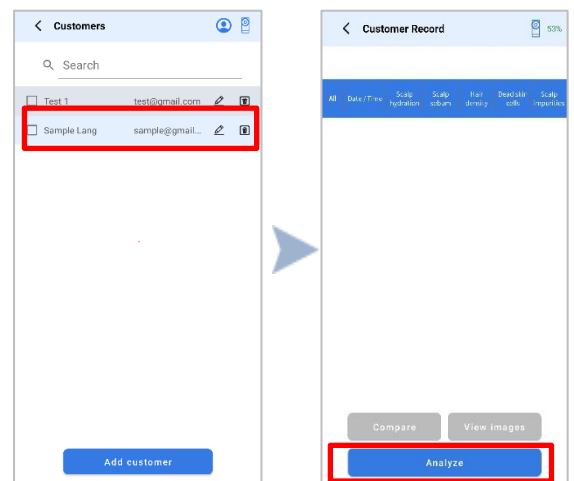
1. Press **Customer** from the main screen and tap on **Add Customer** button at the bottom of the screen



2. Fill in all the required fields marked with (*). After completing the form, check and agree to the "Privacy Policy" and "Data Transfer" at the bottom and press the **"Save"** button.

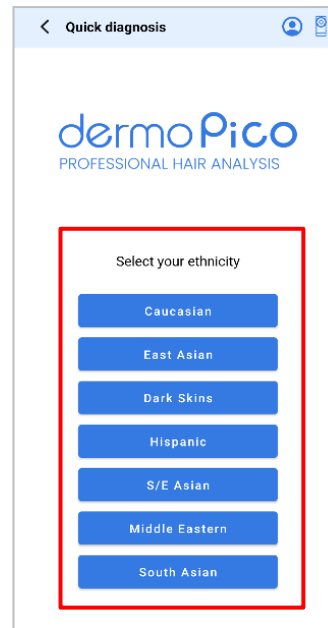
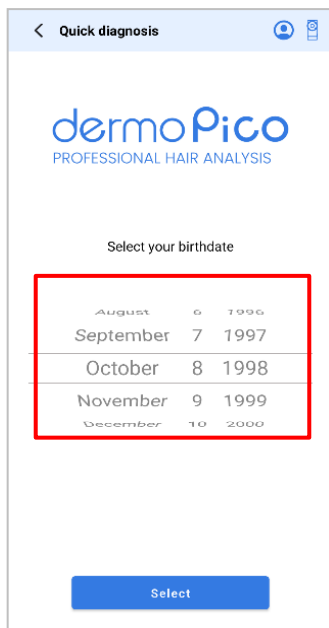
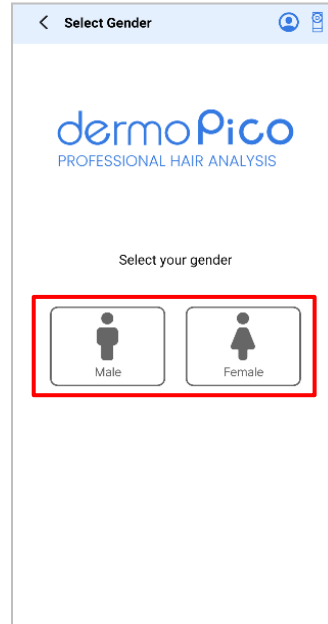
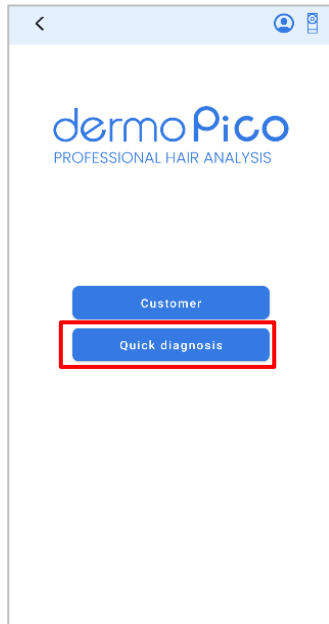


3. After successful Registration, Customer profile will be available in the CUSTOMER PAGE, tap on it to open CUSTOMER RECORD PAGE and press on the **ANALYZE** button to proceed with analysis.



ANALYSIS FLOW

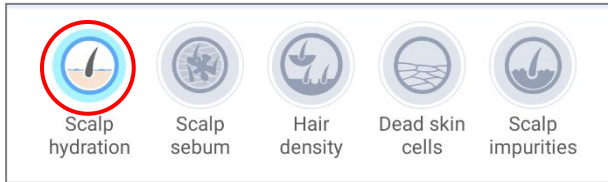
QUICK ANALYSIS



ANALYSIS FLOW

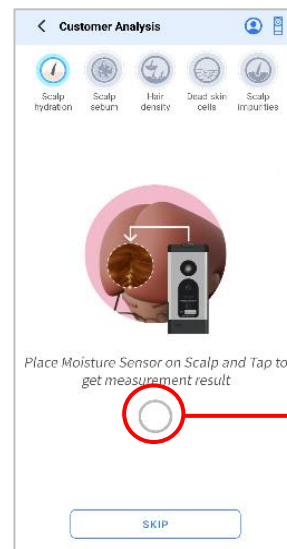
ANALYZING SCALP HYDRATION

1. Select the **Scalp Hydration** icon

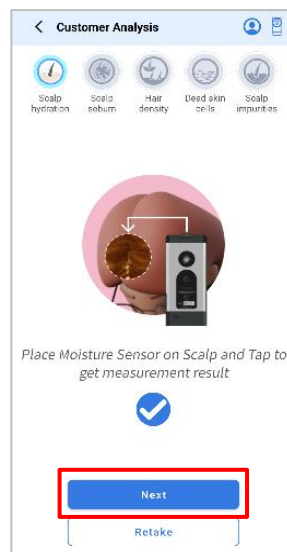


2. Place the Moisture Sensor of the device directly onto the scalp and tap on button on the screen to detect moisture on the scalp.

MOSTURE SENSOR



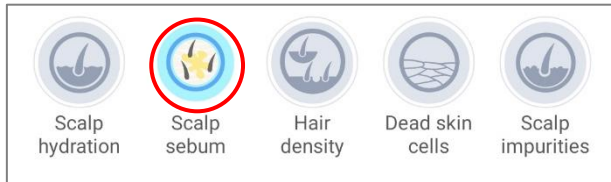
3. Press **Next** button to proceed to next measurement.



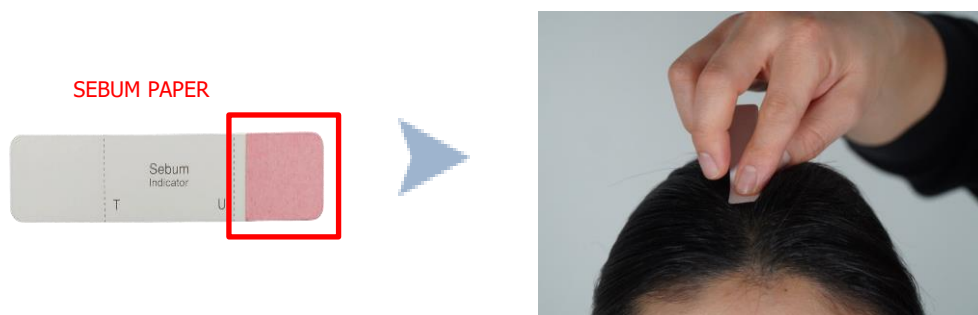
ANALYSIS FLOW

ANALYZING SCALP SEBUM

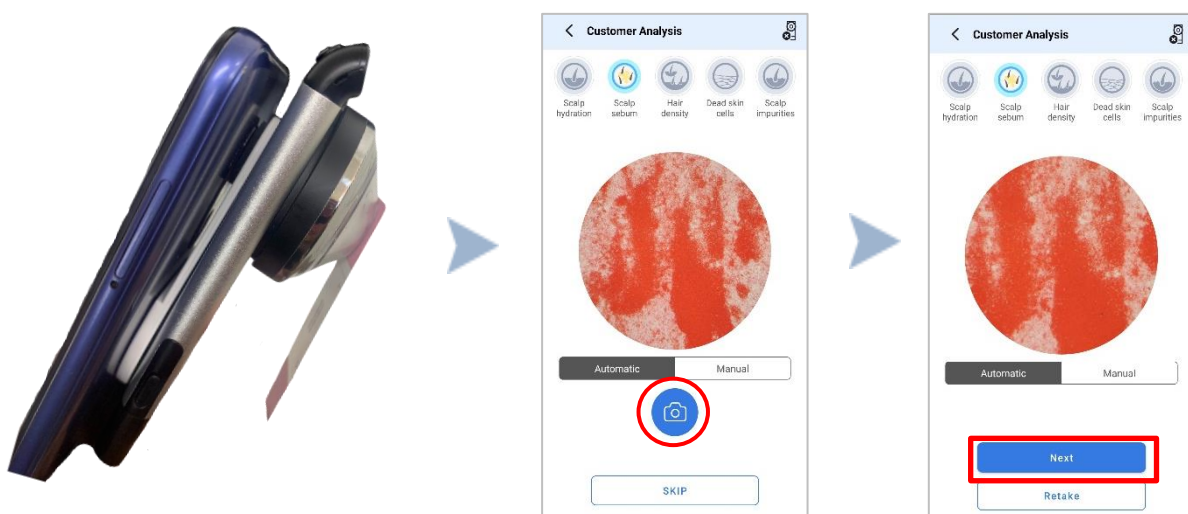
1. **Scalp Sebum** icon is automatically selected on the app.



2. To collect oil from scalp, dab the pink area of the **Sebum Paper** on the scalp for 3 seconds.



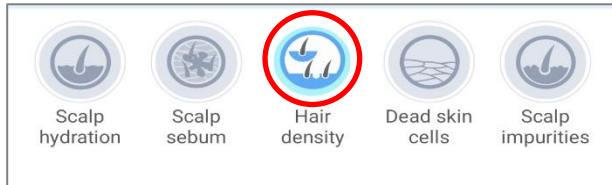
3. Place Sebum Paper in front of camera, capture image of it by pressing the **CAMERA** icon, make sure that captured image should only show the pink side of the paper. For incorrect image, press **RETAKE** to do another shot. Otherwise, proceed to next measurement by tapping on **NEXT** button.



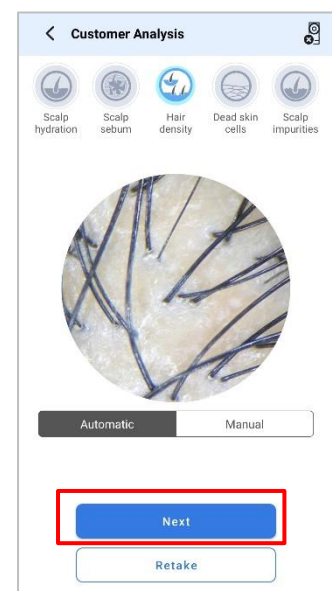
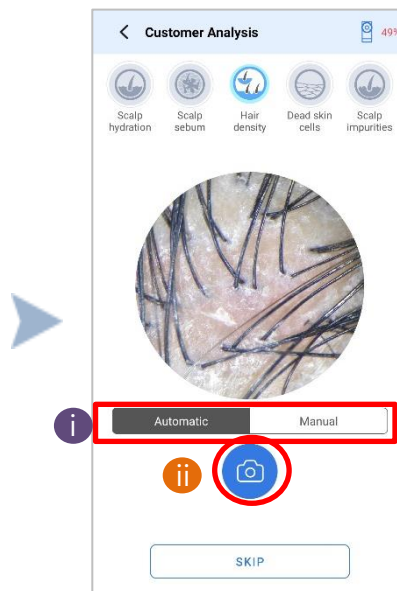
ANALYSIS FLOW

ANALYZING HAIR DENSITY

1. **Hair Density** icon is automatically selected on the app.



2. Take image of the Hair, position it at the crown area of the head, focus on the scalp and tap on the camera icon. For incorrect image, press **RETAKE** to do another shot. Otherwise, proceed to next measurement by tapping on **NEXT** button.

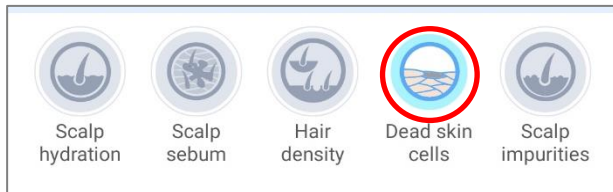


- i Change focus mode of camera
- ii Take Image/Capture button

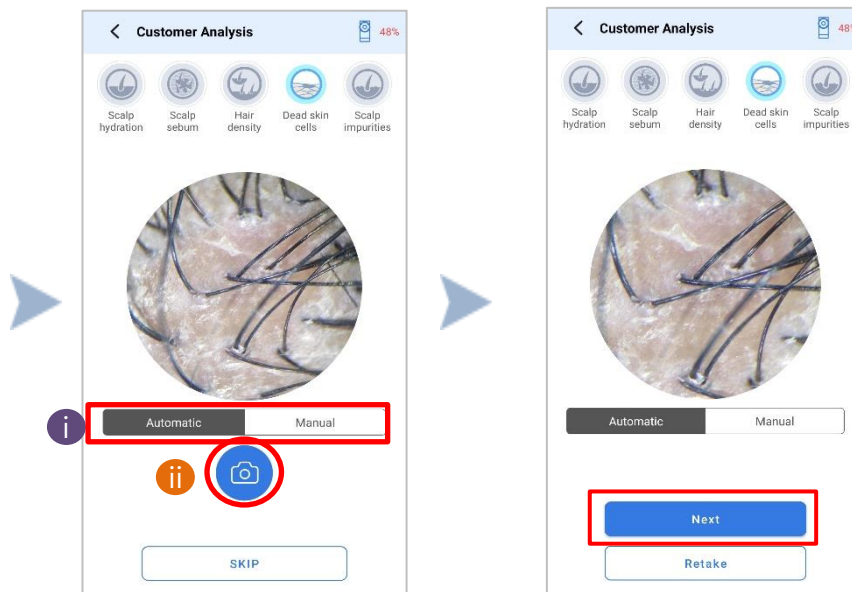
ANALYSIS FLOW

ANALYZING SCALP DEAD SKIN CELLS

1. **Dead Skin Cells** icon is automatically selected on the app.



2. Take image of the Scalp, position it at the crown area of the head, focus on the scalp and tap on the camera icon. For incorrect image, press **RETAKE** to do another shot. Otherwise, proceed to next measurement by tapping on **NEXT** button.



- i Change focus mode of camera
- ii Take Image/Capture button

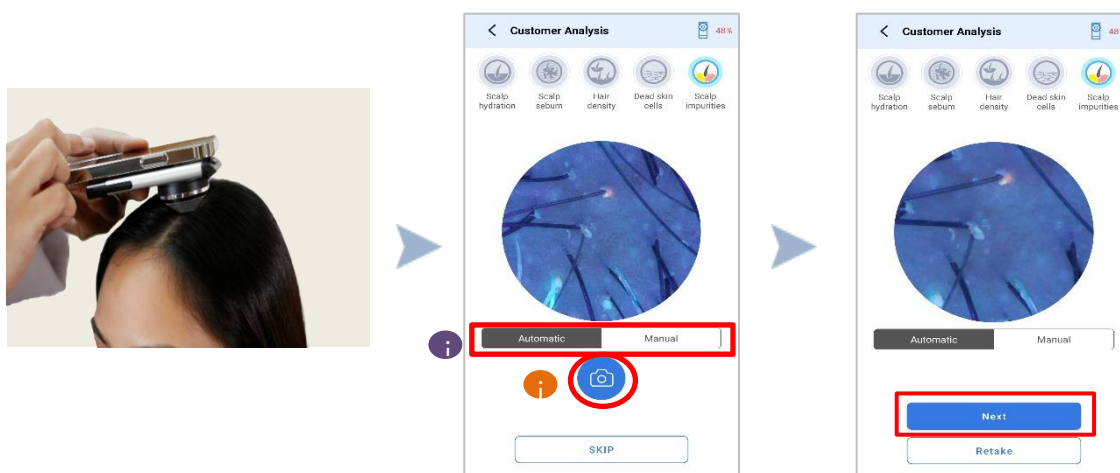
ANALYSIS FLOW

ANALYZING SCALP IMPURITIES

1. Scalp Impurities icon is automatically selected on the app.

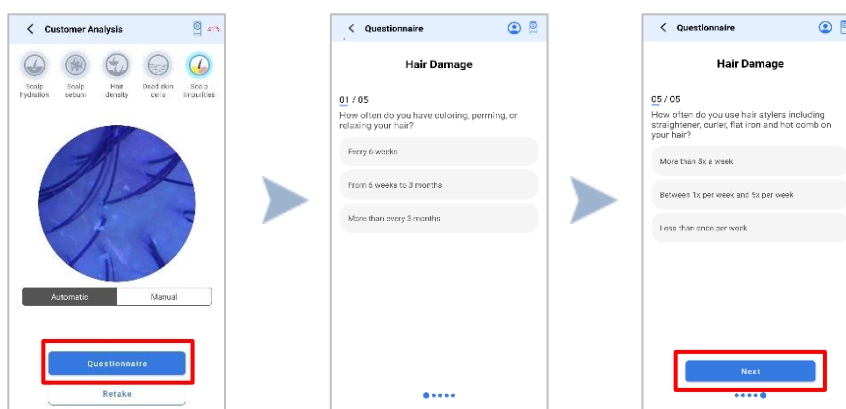


2. Take image of the Scalp, position it at the crown area of the head, focus on the scalp tap on the camera icon. For incorrect image, press **RETAKE** to do another shot. Otherwise, proceed to next measurement by tapping on **NEXT** button.



- Change focus mode of camera
- Take Image/Capture button

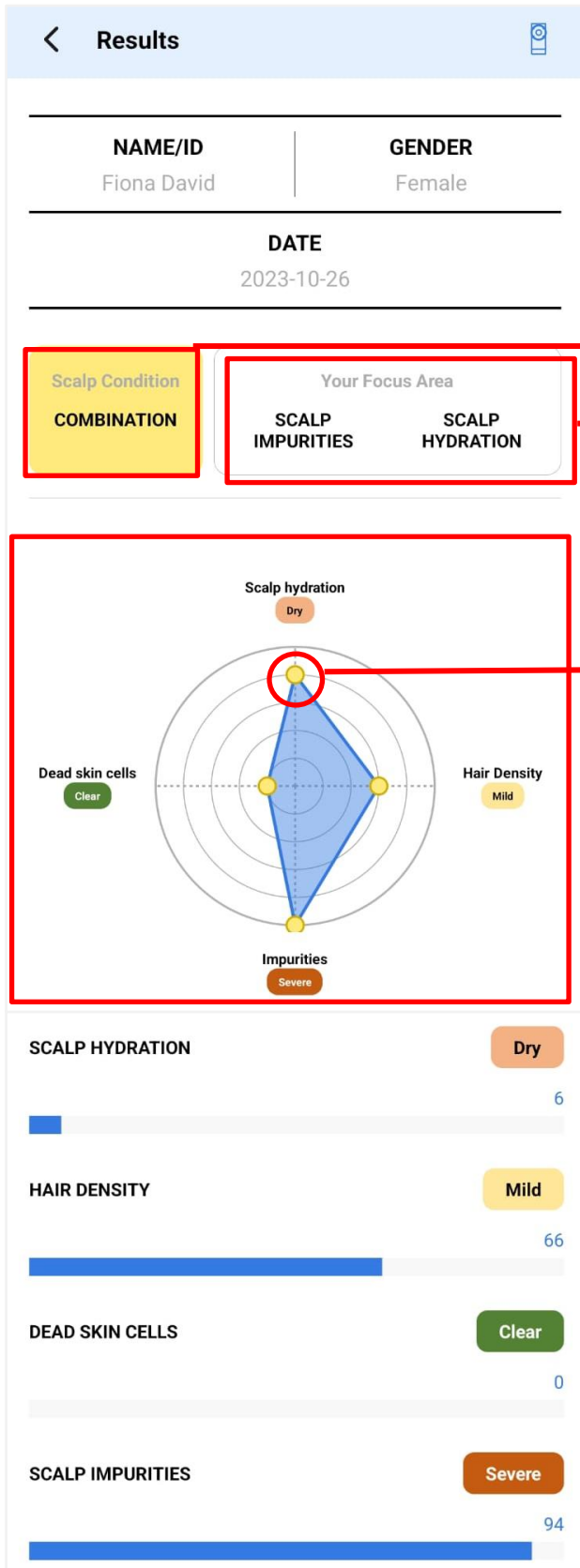
3. Tap and answer all the Questionnaires and press 'Next' once done.



RESULTS

OVERALL ANALYSIS RESULTS

- RESULTS



SCALP CONDITION RESULT: There are four possible outputs, which are **VERY DRY, DRY, NORMAL, OILY, and VERY OILY**

FOCUS AREA shows the areas which need to be taken care of

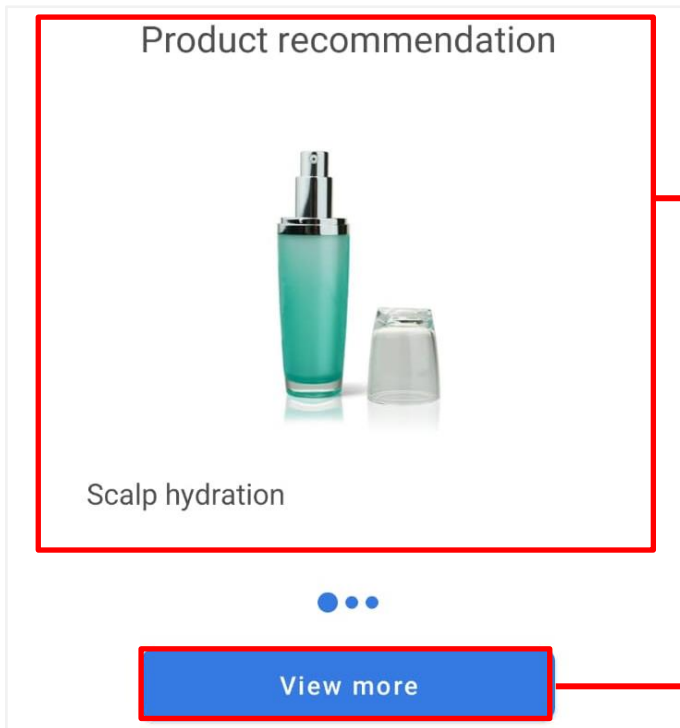
DOT INDICATOR

When the dot indicator for a specific measurement is positioned closer to the center of the graph, it signifies a favorable skin condition. This suggests that the skin measurement is well within a healthy range. If it is positioned further away from the center, it indicates that more attention to care is required.

BAR GRAPH shows the average scores for all measurements

RESULTS

- PRODUCT RECOMMENDATION

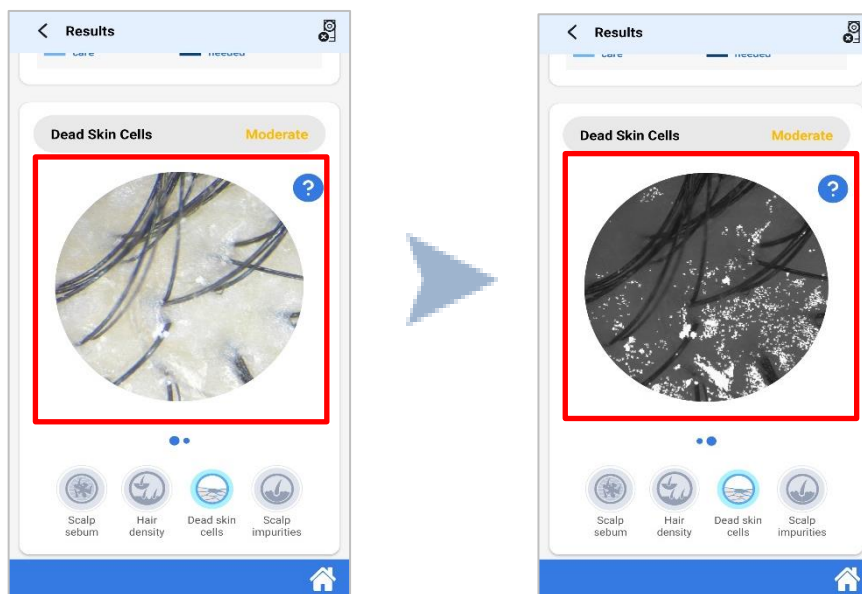


This section shows the available **products for recommendation**

This button can **be linked to a website or webshop** where customer can see the product recommended on app

- CAPTURED IMAGES and ANALYZED IMAGES PREVIEW

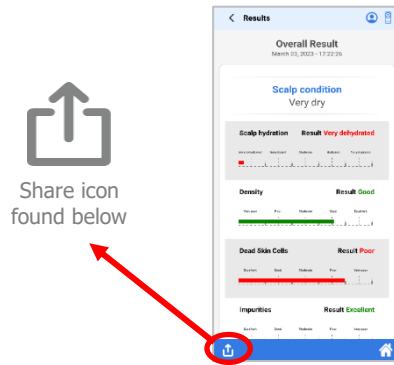
Swipe image to the left to view the **ANALYZED IMAGE** the scalp



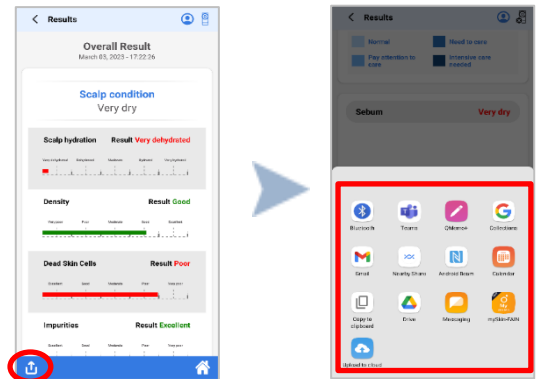
RESULTS

SHARE RESULTS

After performing analysis, you can send results to your customer via the share icon button.

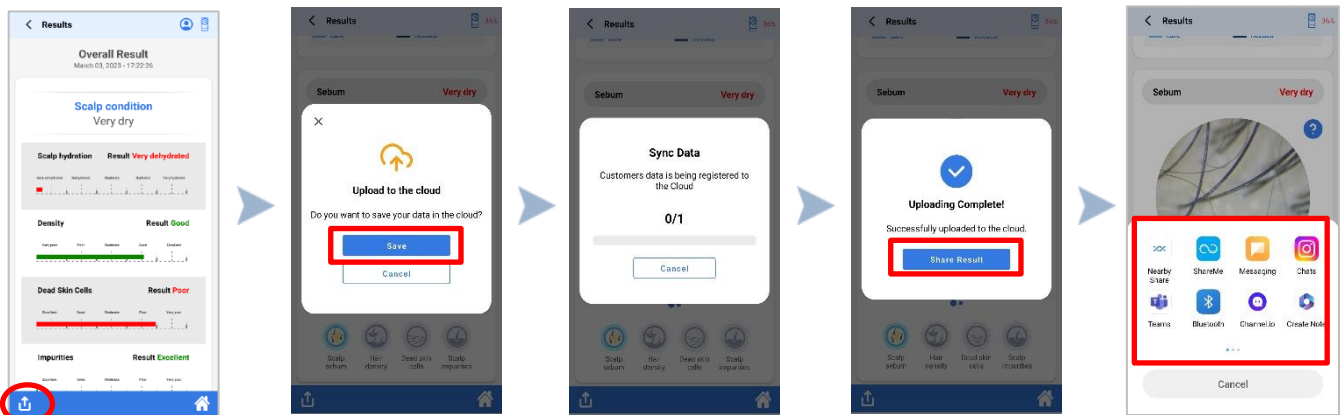


1. For **Online Analysis** - press the Share Icon on the lower left side of the screen and a pop-up will show options where results can be sent: Share via E-mail or Social media platform.



2. For **Offline Analysis** - press the Share Icon on the lower left side of the screen and a pop-up which will prompt the user to upload the data in the cloud. Press **Save** button to sync data.

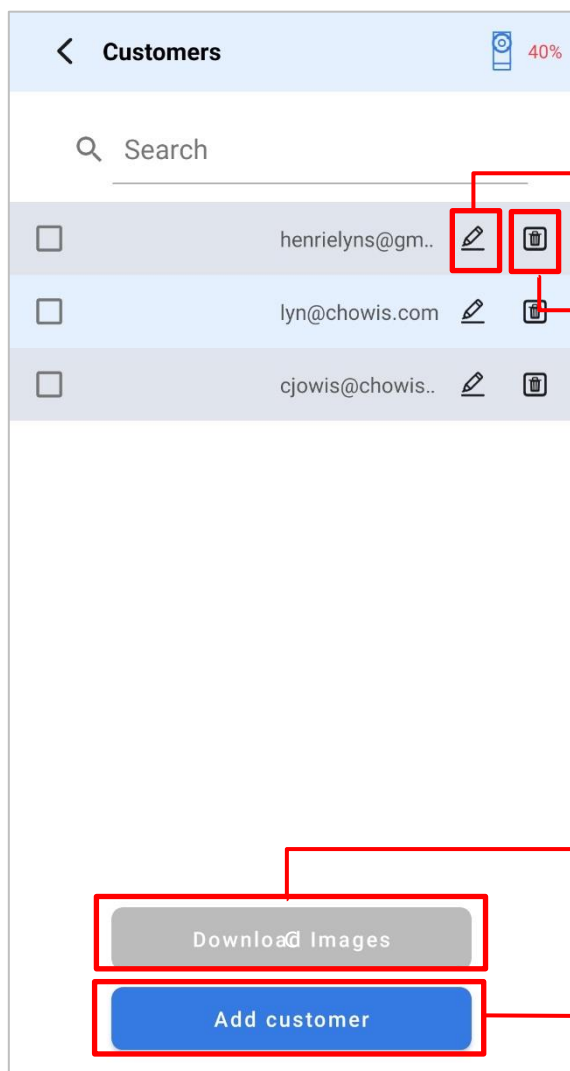
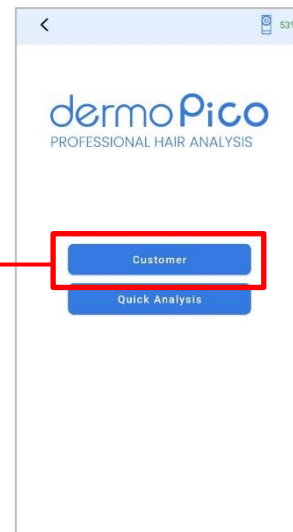
Once Data Upload is complete, press on **SHARE RESULTS** button to proceed with results sharing via Email or Social Media Platform



CUSTOMER MANAGEMENT

MANAGE CUSTOMER

Tap "**CUSTOMER**" from the main screen to view the Customer Page



To review or **EDIT** the customer's registered information, tap on this icon to proceed

To **DELETE** a customer's profile, tap on this icon to complete deletion

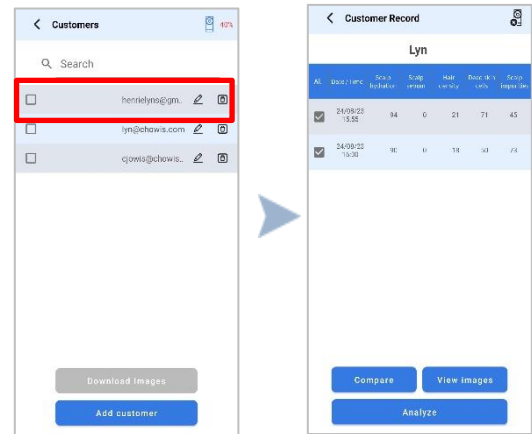
This button leads to **downloading of captured scalp images**

This button allows to **add or register new customer profile**

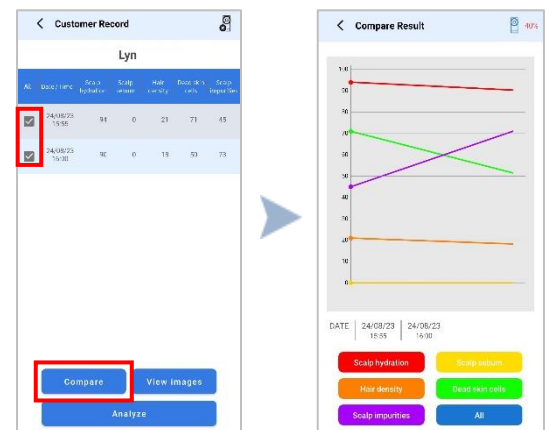
VIEW RECORD

COMPARE ANALYSIS RECORDS

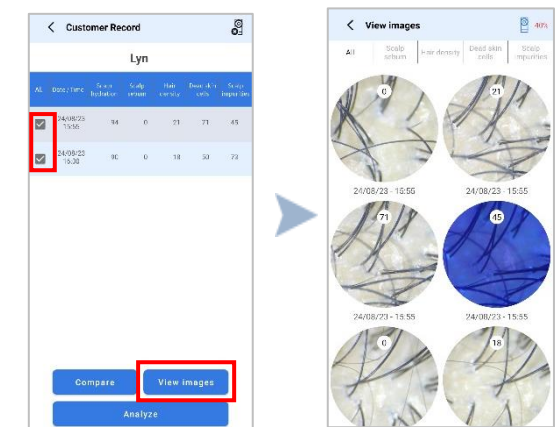
1. From the **CUSTOMER PAGE**, tap on a customer profile to view result's history or Customer Record Page



2. To compare results, make sure that specific analysis results from history are chosen. Once done, press on **COMPARE** button.



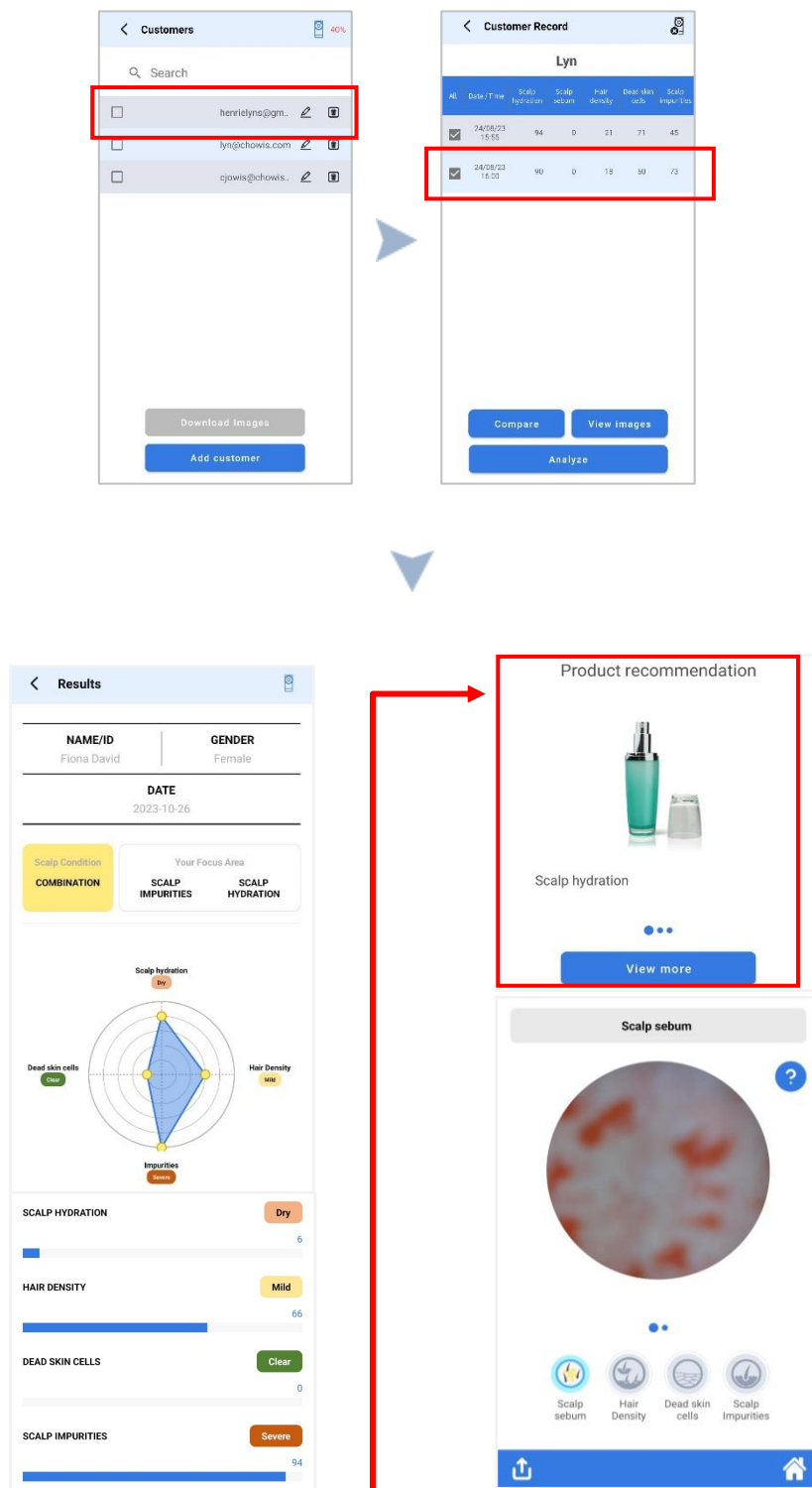
3. To view scalp images, make sure that specific analysis results from history are chosen. Once done, press on **VIEW IMAGES** button.



VIEW RECORD

PREVIOUS ANALYSIS RESULTS

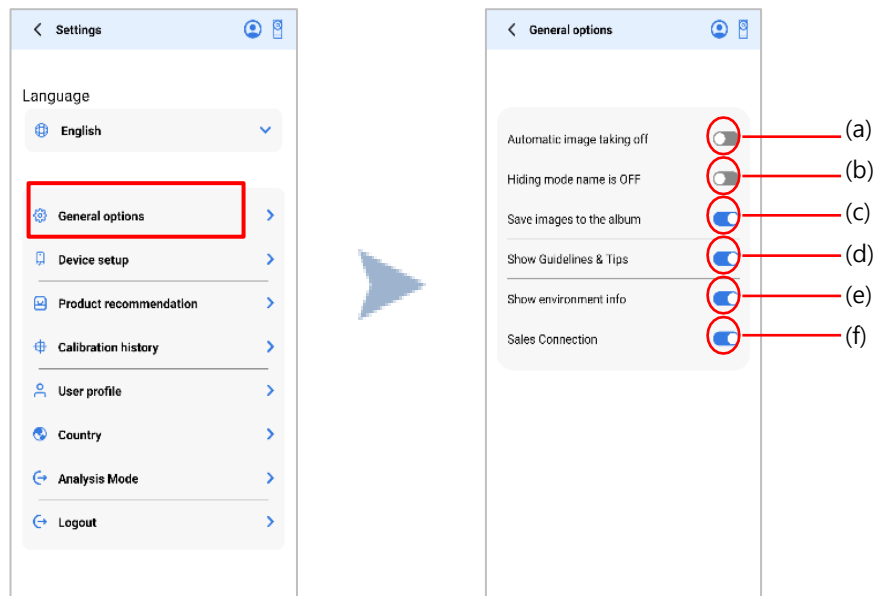
1. To **review the overall results page** of a specific analysis that as previously completed, tap on a customer profile and then tap on its analysis result that you wish to review



SETTINGS PAGE

GENERAL OPTIONS

1. On Main page, tap Settings and tap **GENERAL OPTIONS**.
2. Options may be enabled/disabled by tapping switch at the right side.

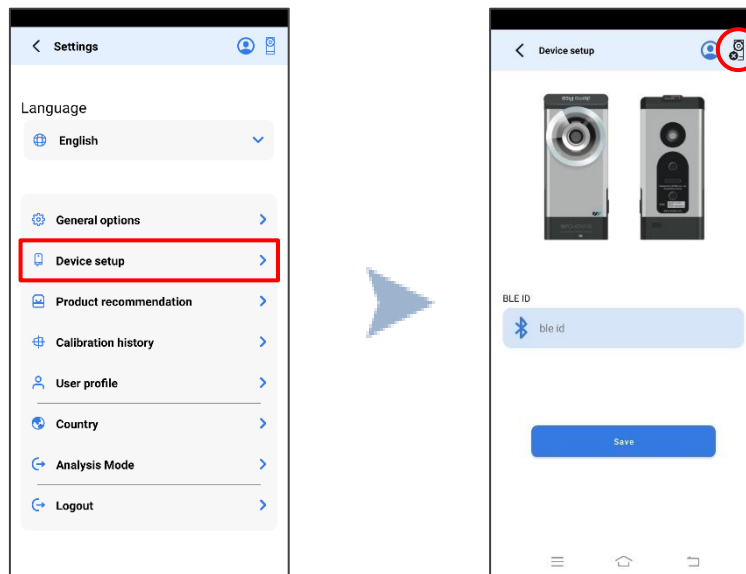


- a. Automatic Image taking (if switched to ON) – image capture proceeds automatically from one measurement to the next with a 3 seconds interval (starts with Wrinkles measurement to Pores and then Impurities)
- b. Hiding mode name (if switched to ON) – this will hide the names under the measurement icon on analysis screen.
- c. Save images to the album – all of the captured images are saved automatically to your phone's album
- d. Show Guideline & Tips - this enables/disables guidelines during diagnosis.
- e. Show environment info - this enables/disables the info on the dashboard.
- f. Sales Connection – displays notification asking if diagnosis leads to product sales

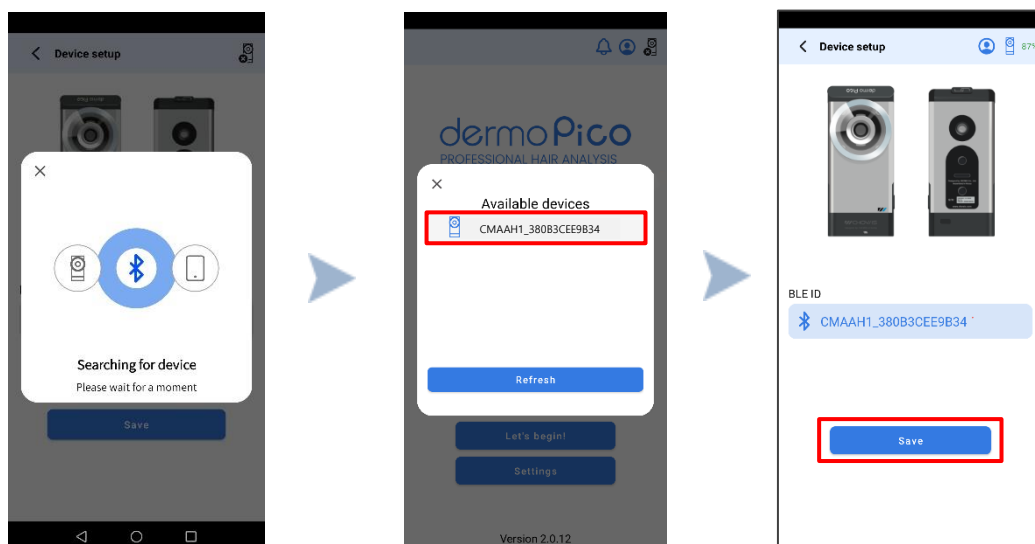
SETTINGS PAGE

DEVICE SET UP

1. On Main page, tap Settings and tap **Device Setup**. Tap the indicator on the upper right of the screen to start connecting.



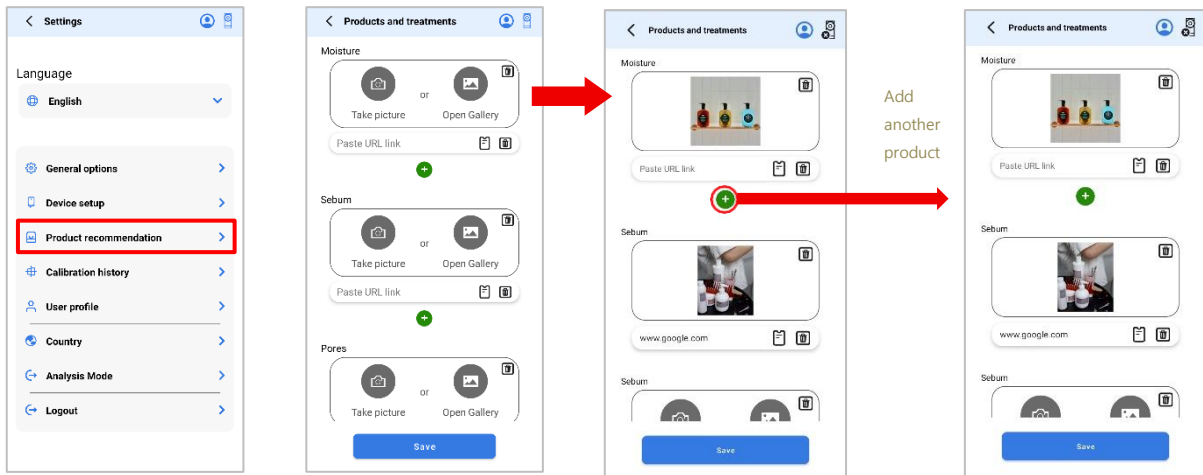
2. The app will search for the available device. Tap the BLE ID (Bluetooth ID) that appears on screen and press **SAVE**.



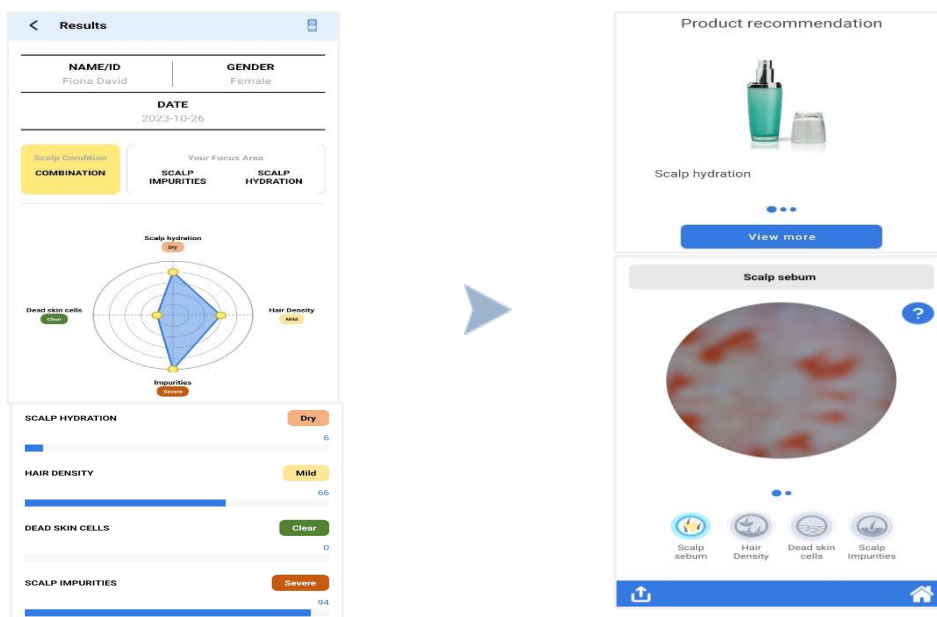
SETTINGS PAGE

PRODUCT RECOMMENDATION

1. On Main page, tap Settings and go tap **Product Recommendation**.
2. Page will show input for every measurement, add image and URL for the specific product.

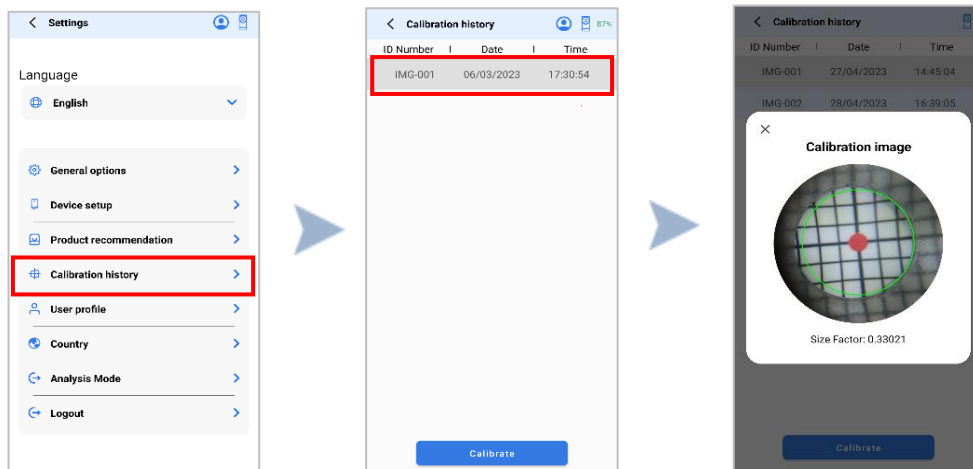


3. Uploaded product images will be available on the Overall Result's Page. Just scroll down to the Product Recommendation section to view the recommended products.



SETTINGS PAGE

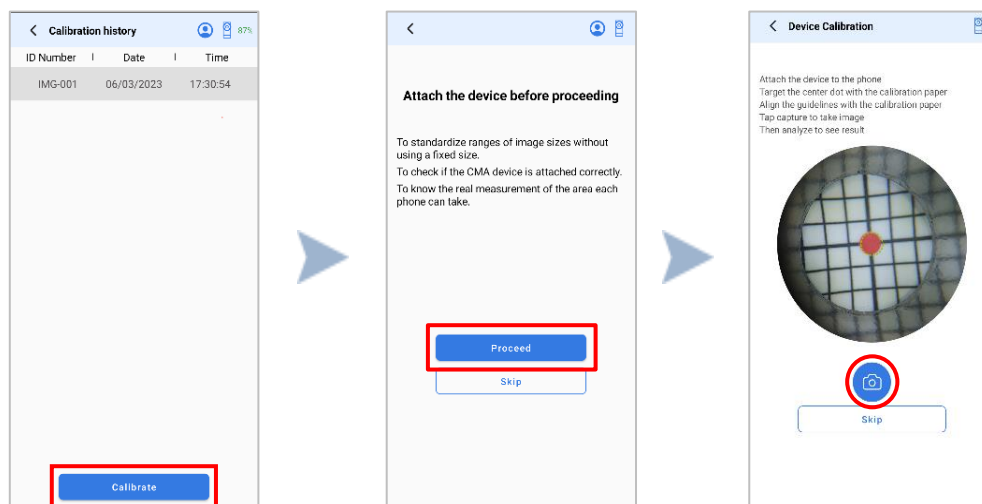
CALIBRATION HISTORY



1. On Main page, tap Settings and tap Calibration History.
2. Choose and tap the ID number you want to view.

- HOW TO CALIBRATE

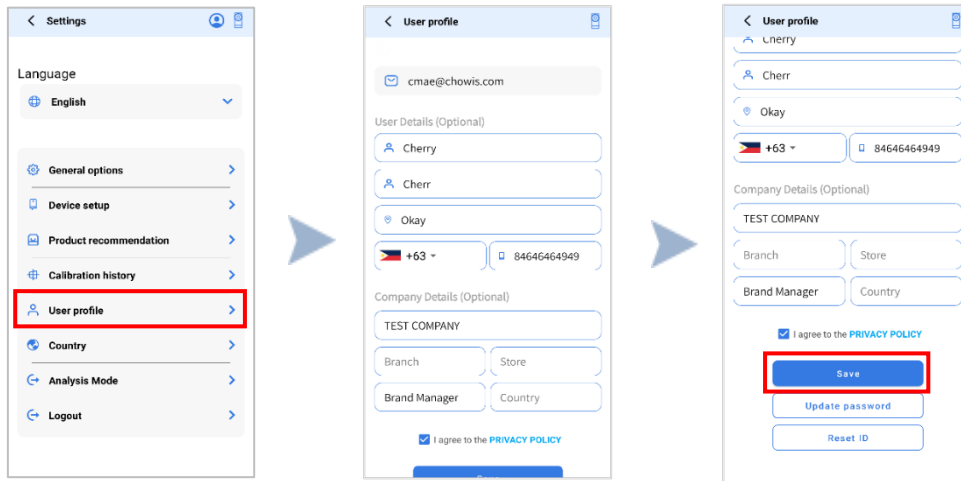
On Main page, tap Settings and tap Calibration History. Press the Calibrate button below the screen. Then, attach the device to proceed. Guidelines will be displayed.



SETTINGS PAGE

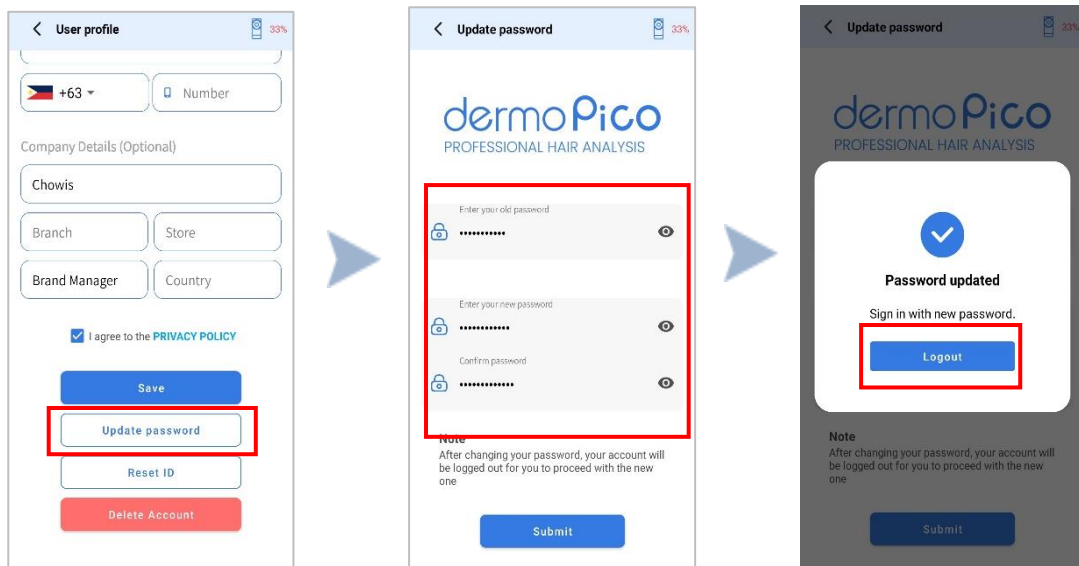
USER PROFILE

On Main page, tap Settings and tap **USER PROFILE**.



- UPDATE PASSWORD

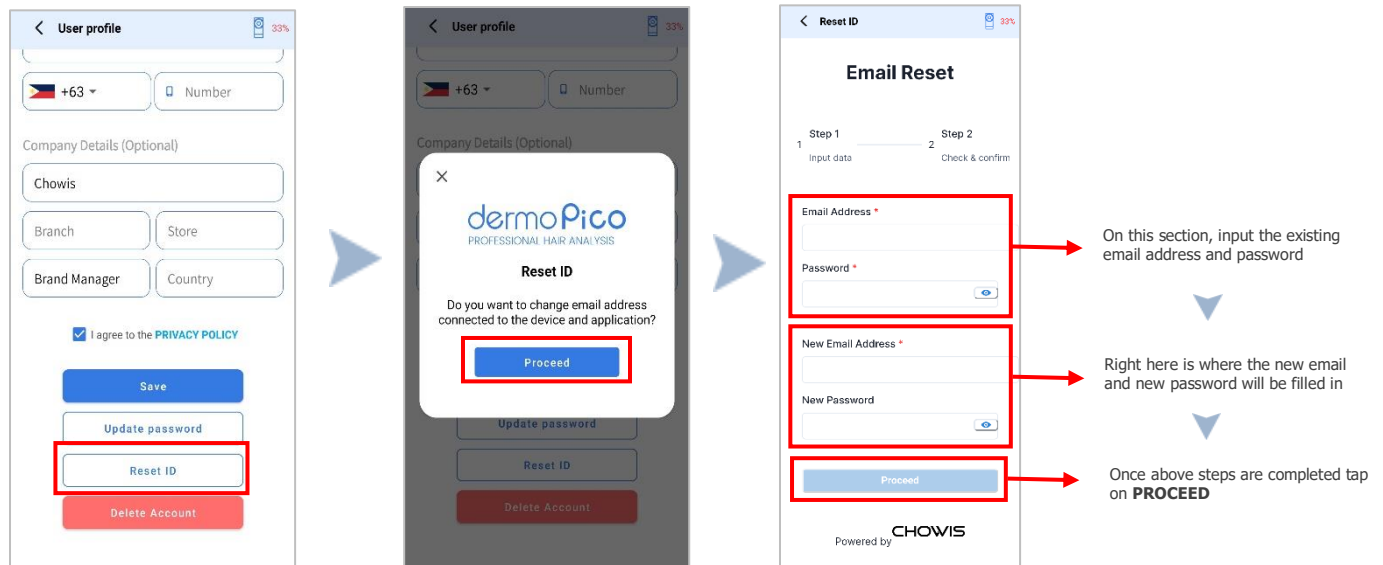
To change password, user must first input the old password, before changing to new one. Once done, press on **SUBMIT**.



SETTINGS PAGE

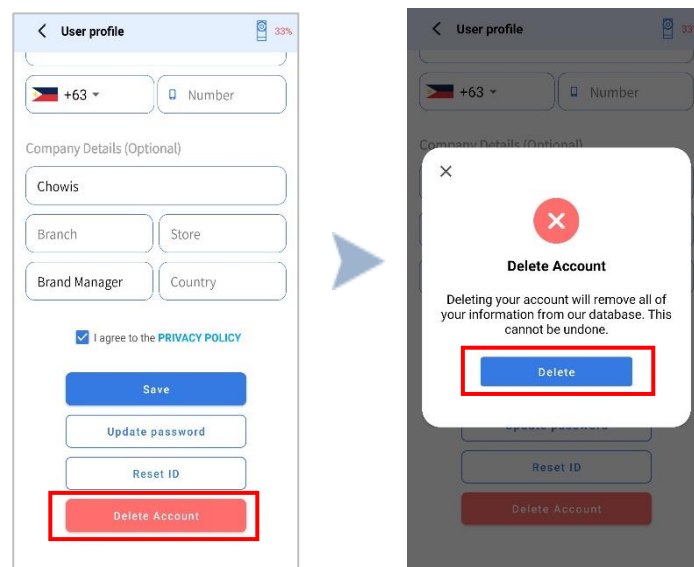
- RESET ID

This option allows user to change the email address registered on the device



- DELETE ACCOUNT

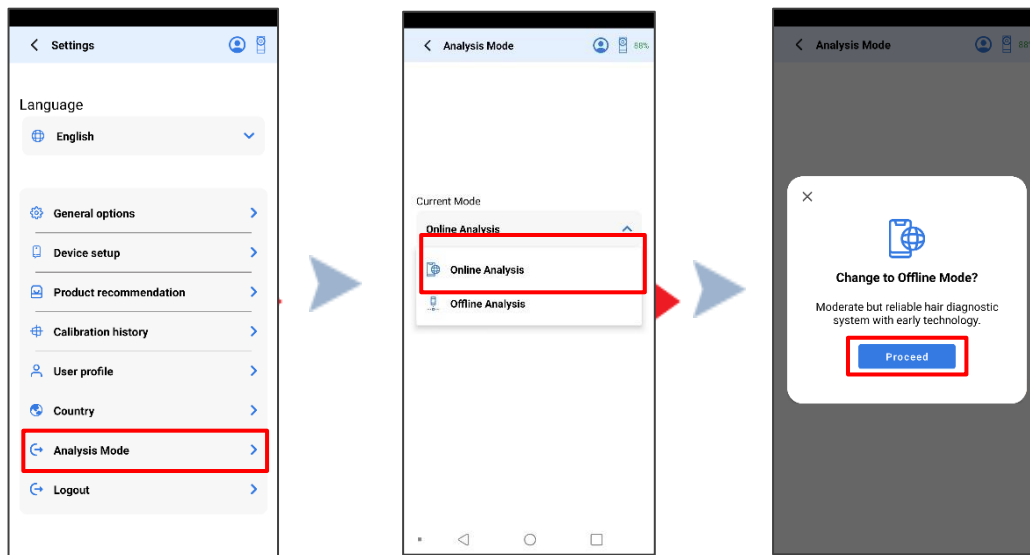
This feature allows user to delete the existing DermoPico Hair user account from the system



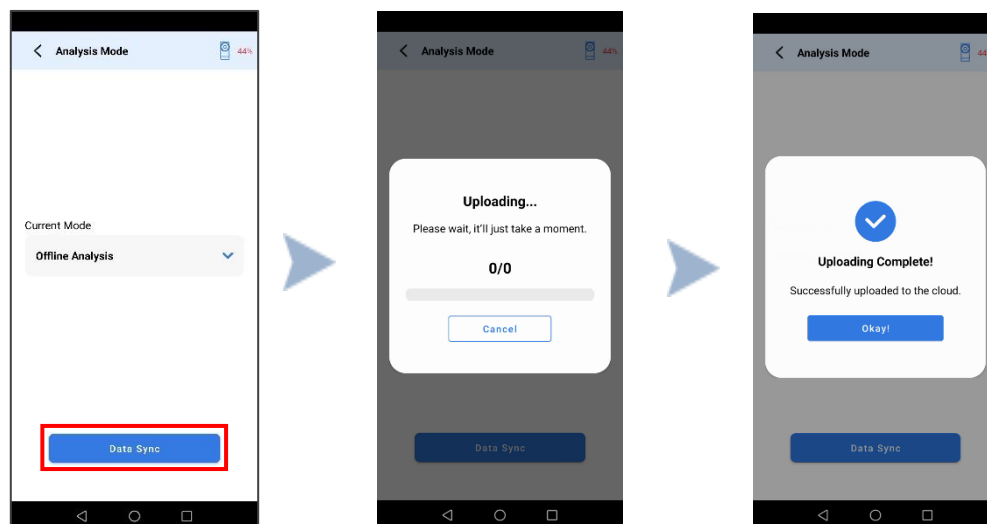
SETTINGS PAGE

ANALYSIS MODE

1. On Main page, tap Settings and tap **ANALYSIS MODE**.
2. Switch to **ONLINE MODE**. (App is set to ONLINE MODE by default)



3. If analysis is done Offline, data will be stored locally and it can be manually uploaded to cloud by pressing on the **Data Sync** button.

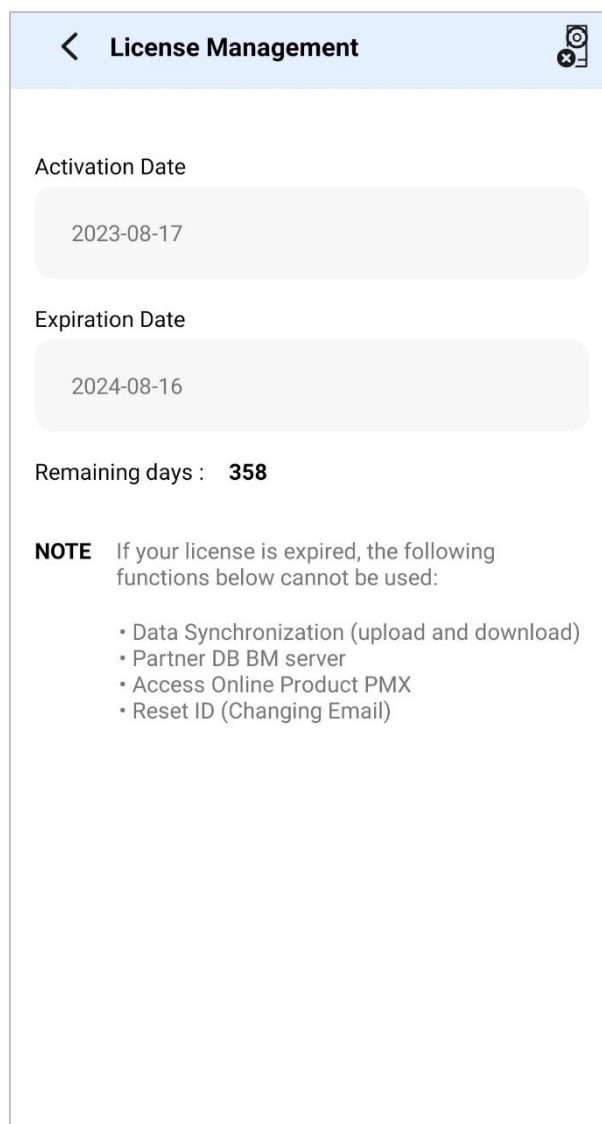


Please utilize Data Sync function to ensure that data are well stored to the cloud and no data will be lost.

SETTINGS PAGE

LICENSE MANAGEMENT

1. On Main page, tap Settings and tap **LICENSE MANAGEMENT**.
2. This page provides information about the **ACTIVATION and EXPIRATION DATE** of the license, as well as the exact **TOTAL NUMBER** of remaining days of active license
3. Additional note regarding the app limitations in the event of license expiration



DIAGNOSIS SYSTEM IN USE

USER REAND CUSTOMER REGISTRATION

Chowis' diagnostic system is linked to a unique user ID (email) and only the corresponding ID can be used. If you wish to change your ID, please, do so within the program under settings page.

When create a new account, an email will be sent from CHOWIS-SERVICE. On email and click on the "VERIFY" button. If you have difficulty in getting email, please check your junk/spam mailbox. Without email confirmation, login is not possible.

Each user has the authority to manage their own customer list. However, this accessibility is possible only when the customer list is being synchronized and uploaded to the server. As a precautionary measure, it is advisable to perform a daily backup to ensure data security.

When creating a new account, logging in, and inputting optic number, ensure that your tablet or mobile phone is connected to the internet and not to the diagnostic device.

ACCURACY OF ANALYSIS AND COMPARISON OF BEFORE AND AFTER

Chowis' analysis system analyzes local areas. Therefore, when comparing before and after diagnosis results, accurate results can only be compared when the same position is taken.

CHARGING RELATED SCENARIO

Charge the device while it is off for fast charging. When you connect the charging cable to a device that is on, the indicator light will be red. However, if the device is off, the red indicator will not light up even during the charging process.

We recommend using the provided Chowis cable for charging whenever possible. If you use a different cable, it may not perform proper charging.

DIAGNOSIS SYSTEM DOES NOT TURN ON.

If the handset is out of battery, the handset does not turn on. Please charge the handset for 2 hours. For charging method, please refer to the Charge the handset on simple manual.

THE HANDSET FEELS HOT.

As the optical unit/lens part emits a lot of LED light and long periods of continuous use can cause the handset to heat up. If the heat is severe, immediately turn the handset off and stop using it until it has cooled down. If the handset is still hot even after a certain period of time has passed, please inquire at a customer support center. Also, a reason for over-heating could be when the handset is left with power switched on during charging. Always remember to turn the handset power off before charging.

SENT E-MAIL WAS NOT RECEIVED.

In order to send email, please check if you have stable internet connection and data synchronization was done, otherwise, it will not send email to customers. In order to do synchronize data, please refer to the Data Synchronization settings section.

CONNECTION BETWEEN ANALYZER AND TABLET

WHAT IS AN SSID?

SSID is a unified classification ID for wireless handsets. Because this handset is a wireless system and is connected to a Wi-Fi, for each handset there is a unique SSID. Please verify the SSID on the label attached at the back of the handset.

HOW DO YOU VERIFY THE CONNECTION BETWEEN THE HANDSET AND THE TABLET?

At the Wi-Fi settings screen of the tablet, if the SSID status of the handset is "Connected" and after the start of the program, if the Wi-Fi icon on the top right section of the screen is green, then it is connected normally.

THERE IS NO CHANGE IN CONNECTION STATUS BETWEEN THE HANDSET AND TABLET AFTER "SAVED".

Turn on the switch again and try to connect again manually via Wi-Fi setting of tablet. When connecting to analyzer, use the password "**1234567890**". Even if connection status saying "Connection without internet connection" appears, the actual device connection will not be affected. If you still fail to connect then, press the **CAPTURE** button for 10 seconds until LED starts to blink with red color, so analyzer will start to reset. Please wait until fully reboot and try to connect again.

THERE IS A NETWORK CONNECTION ERROR INDICATION ON THE PROGRAM SCREEN.

If there are many Wi-Fi signals or there are many wireless routers at the handset usage environment, then the connection is delayed and may not be able to connect. Try using it by changing the Wi-Fi channel. For changing the channel method, please refer to the Change Wi-Fi Channel.

APPENDIX: PROPER IMAGE CAPTURING

1. Place the camera flatly and gently in the middle of the parted hair on the scalp.



Proper Device Placement



Camera lens not placed flatly on the scalp

Improper Device Placement

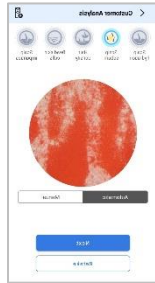


Device do not have contact on scalp

2. Do not remove the device from the scalp until the captured image or the score shows on the app screen
3. Give a second or two to make sure that images is well focused before pressing the device's capture button. This would ensure that the image captured is clear and not blurry

CORRECT CAPTURED IMAGES

SCALP SEBUM



HAIR DENSITY



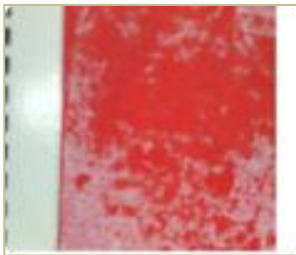
DEAD SKIN CELLS



SCALP IMPURITIES



INCORRECT CAPTURED IMAGES



Captured image should only show the pink paper



Blurry Image



Hair not properly parted

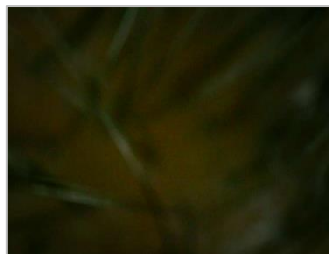
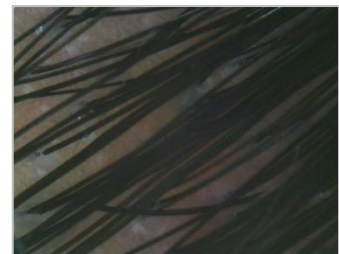














Image too Dark



No clear view of scalp

SPECIFICATION

 Power supply	Input: 5V, 2.0A max / Output: 5V, 0.3A, 1.4W
 Magnification	x30
 Battery	250mAh Li-Polymer
 Product size	46mm x 106mm x 31mm (W x H x D)
 Product weight	75g - Device Only
 Analysis result	Index per measurement (0-99)
 Measurement	 SCALP HYDRATION  SCALP SEBUM  HAIR DENSITY  DEAD SCALP CELLS  SCALP IRRITATION

CONTACT

Email: chowis@chowis.com

Skype ID: **chowisofficial**

Chowis Co., Ltd.

Homepage: www.chowis.com

Tel: +82.31.706.7950

Fax: +82.31.272.7950

Address: A-1301-2, 184, Jungbu-daero
Giheung-gu, Yongin-si Gyeonggi-do,
Republic of Korea, [17095]

