

NEXTMOTION

NEW VISION OF AESTHETICS

User Guide
V1.4 – 12/2020

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Introduction

This Manual provides a presentation of the Next Motion's service and instructions relatives to the NexMotion Revolution device usage.

This Manual must be kept intact and easily assessable any time it is requested in order to use the Next Motion's services correctly.

The information contained in this user manual is subject to updates depending on the availability of new information, new services, or configuration changes. However, any discrepancies found in this manual can be reporter to the following mail address: contact@nextmotion.net.

New copy of this user guide can be found on Next Motion website: www.nextmotion.net

Precautionary notes

- Manufacturer: NextMotion
- Device: NextMotion Revolution
- Temperature of work: 10°C to 35°C
- The third part devices (iPhone, iPad Pro, Windows Surface, Computer) can be subject to warming, as can happen with any general use of this kind of device. Please be cautious.
- The Next Motion engine(s) must be functional and in perfect condition. Damaged components must be replaced in order to avoid dangerous conditions for the patient and / or doctor.
- It's forbidden to mount on the engine's carter or to move the 2 arms from their original position
- Maintenance: in case of problem with the Engine, please contact the customer service without trying to fix it.
- Cleaning: A dry cleaning is strongly recommended.
- The Next Motion service must be used by Aesthetic Professionals that have received a training on the service Next Motion. The device must be professionally installed.
- Do not use machine while loader is connected. Do not use any loader that has not been provided by Next Motion.
- Required working time (ON) is 5 minute. Required resting time (OFF) is 15 minutes.
- Assembly and use of the device require to be on a not flammable surface.
- Internal battery is not replaceable.
- The Device can be charged only by the powerbank.

Battery

- Model : 568080P-2P-8000mAh/3.7V
- Nominal capacity : 8000mAh / 0.2C Discharge
- Initial Impedance : $\leq 160\text{m}\Omega$
- Weight : Approx. 130g
- Nominal voltage 3.7 V
- Fully charge voltage : 4.2 V Defined in this DOC: FC = 4.2 V
- Fully discharge voltage(FD) : 3.0 V Defined in this DOC: FD = 3.0 V
- Standard charge current 0.5 C
- Charging time : Approx. 3hours
- Storage temperature : 10- 35°C

Technical features

PARAMETERS	VALUES
Next Motion Revolution dimensions	Diameter: 60 cm Scale: 120 cm
Power Supply	Embedded battery
Max working voltage	3,7v
Max output power	12v
Battery charger	Power supply: 110/220v
Radio	NORDIC nRF52840 with quartz 32 MHz and 32.768 kHz – Printed antenna PiFA - Bluetooth 2.4 GHz transmissions



This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

This device must be professionally installed.

This equipment complies with RSS102's radiation exposure limits set forth for an uncontrolled environment under the following conditions:

1. This equipment should be installed and operated such that a minimum separation distance of 20cm is maintained between the radiator (antenna) and user's/nearby person's body at all times.
2. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

*Any changes or modifications to this equipment not expressly approved by **NextMotion** may cause, harmful interference and void the FCC authorization to operate this equipment*

This equipment complies with FCC's radiation exposure limits set forth for an uncontrolled environment under the following conditions :

- 1. This equipment should be installed and operated such that a minimum separation distance of 20cm is maintained between the radiator (antenna) and user's/nearby person's body at all times.*
- 2. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.*

Context

Presentation of Next Motion

Next Motion is a complete, comprehensive and turnkey solution to create before and after videos of the Face and the Body (for the Face & Body Engine) or the Face only (for the Face Engine). It has been founded by an Aesthetic Doctor for Aesthetic Doctors, Plastic Surgeons and Aesthetic professionals.

The Next Motion solution is based on 3 main elements:

1. A motorized engine with a dedicated dock for an iPhone or a Camera so as to realize a video traveling around the patient
2. An iPhone application
3. A web interface (Next Motion Connect) for the management of the content

The iPhone application & Next Motion Connect provides the user (the aesthetic professional) the ability to manage its office and, among others, to create comparable before and after videos in less than a minute, edit the videos and merge them.

The application drives the engine in its travelling around the patient following custom programs (180° with or without stops, 360°, and 720°). The iPhone records the whole traveling and extracts snapshots from the video.

The basic service (engine with before and after videos) is provided with a one shot price.

Functional aspects – presentation of the application and the Web Platform

In this part, the “User” designates the Aesthetic professional using the solution for professional purpose (Aesthetic professional or its Assistant).

The whole journey is presented on an overview video reachable at this address <https://www.youtube.com/watch?v=rtmg5Y71tnw> or by scanning the QR code at the right of the screen.

The full training is presented on a video reachable at this address : <https://youtu.be/6lYoMcUTngU>, with subtitles available in your language.



Next Motion proposes several ranges of features, useable on the application and/or the Web Interface :

- Creation of a patient file
- Patient Management System
- Edition of the question survey dedicated to the patient
- Edition of the questions asked during consultation
- Creation of a before video
- Snapshots
- Face analysis (adding of marking lines, injection points, etc...)
- Products follow up

- Creation of an after video
- B&A video creation
- Edition of the video
- Image compare
- Edition, generation & signing of the dedicated consent form
- Creation of the patient's account (via Next motion connect)
- Sharing of the treatment with the patient (B&A, image compare, products used, signed consent forms, etc...)

Go the webpage <https://pro2.nextmotion.net> and follow the steps to set up your account.

Then please download the Next Motion application on your iPhone (available on the app store)

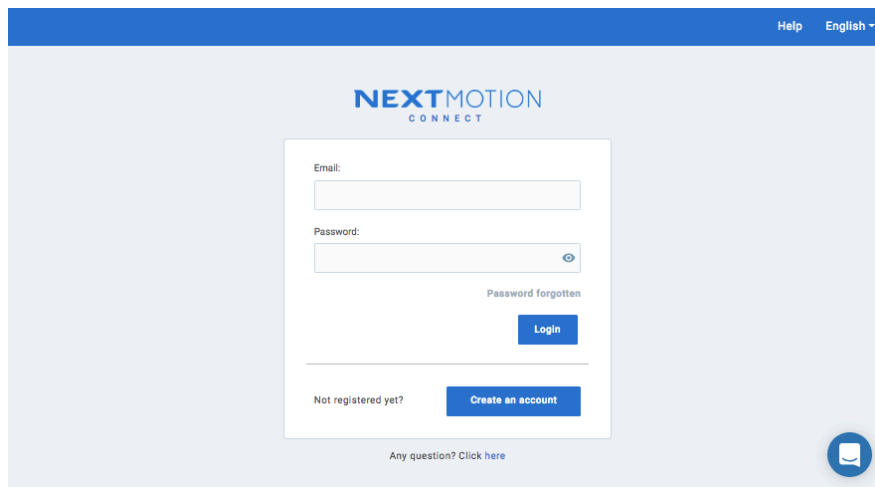
Setting up your account & unlock iPhone's application

Each device has a serial number that is accessible on the inner side of the right frontal arm.

Once your machine is assembled, you need to set up an account into Next Motion connect in order to unlock your app.

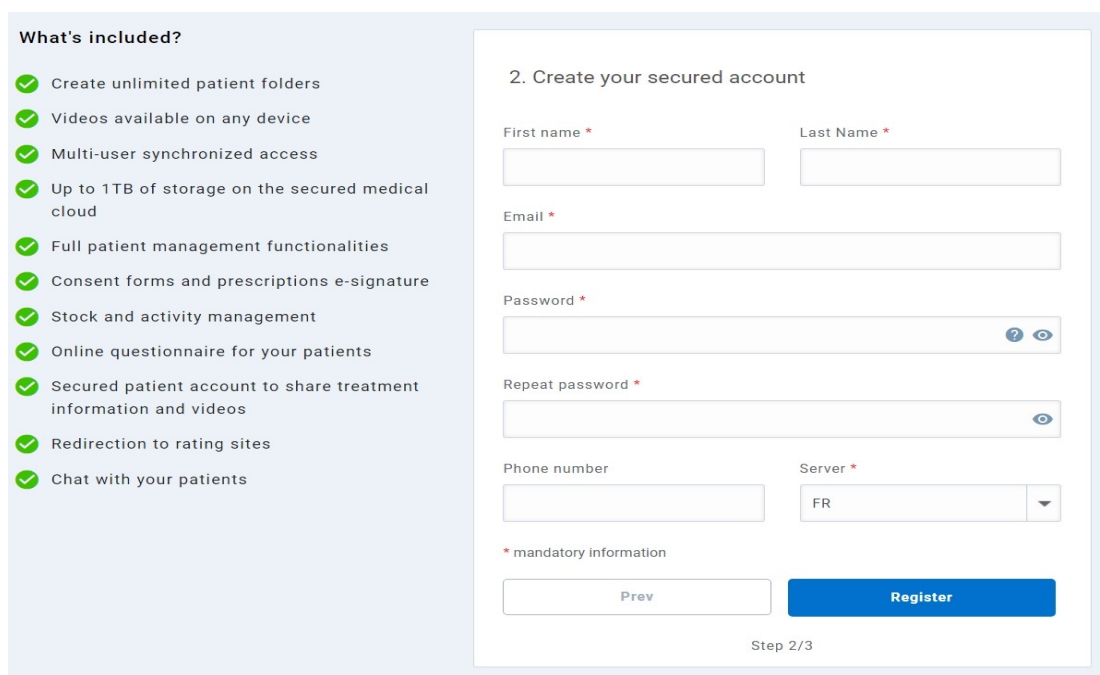
Follow the next steps to create your account.

First step : go to <https://pro2.nextmotion.net> and start registration process by clicking on “register now”.



The screenshot shows the 'NEXTMOTION CONNECT' login page. It features a central white box with input fields for 'Email:' and 'Password:'. Below the password field is a 'Password forgotten' link and a blue 'Login' button. At the bottom of the box, there is a 'Not registered yet?' link and a blue 'Create an account' button. The page has a blue header with 'Help' and 'English' links, and a blue footer with 'Any question? Click here' and a chat icon.

Second step : register your information, email of connection and password.



The screenshot shows the '2. Create your secured account' registration page. On the left, under 'What's included?', there is a list of features with green checkmarks: Create unlimited patient folders, Videos available on any device, Multi-user synchronized access, Up to 1TB of storage on the secured medical cloud, Full patient management functionalities, Consent forms and prescriptions e-signature, Stock and activity management, Online questionnaire for your patients, Secured patient account to share treatment information and videos, Redirection to rating sites, and Chat with your patients. The main form area contains fields for 'First name *', 'Last Name *', 'Email *', 'Password *', and 'Repeat password *'. There are also fields for 'Phone number' and 'Server *' (with a dropdown menu showing 'FR'). A blue 'Register' button is at the bottom right, and a 'Prev' button is at the bottom left. The page is labeled 'Step 2/3' at the bottom.

Last step : enter your payment info to start your subscription, don't worry you can stop payment whenever you want into "settings"

Then download Next Motion app from **App store**

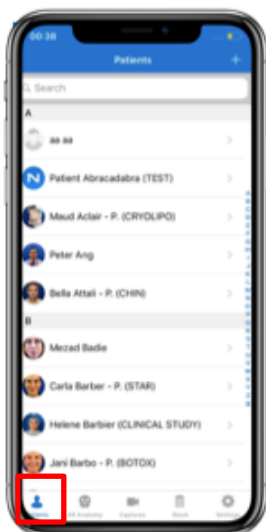
On the first opening of the app, enter login/password set up for your account Next Motion Connect and you are ready to enjoy the solution!

The application

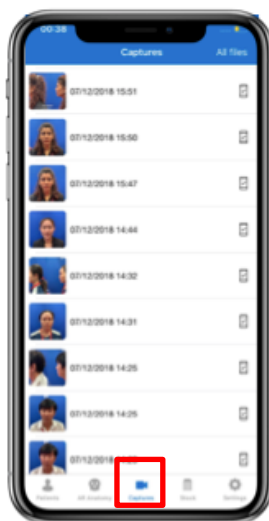
First opening

Welcome to Next Motion!

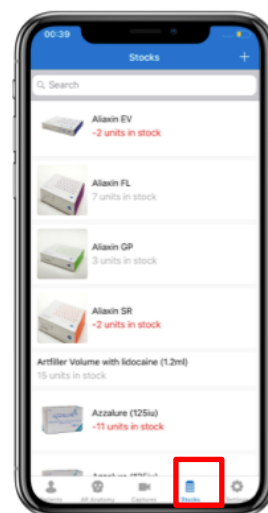
You have opened your application and entered login/password set up into your account Next Motion Connect – here is what you first need to know :



**Manage your
Patients' files**



**Have a quick view on all
your videos captures**

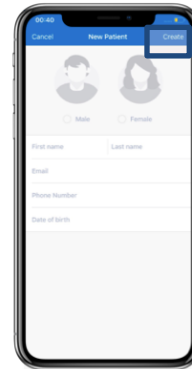
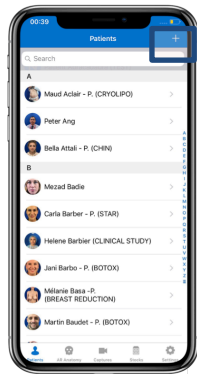


**Manage your
Products' stocks**

Creation of a Patient file

To create a Patient file, just tap on the “+” at the top right of the home screen.

You arrive on the Creation screen, where you can enter the first and last name of the patient, its email, phone number and date of birth.

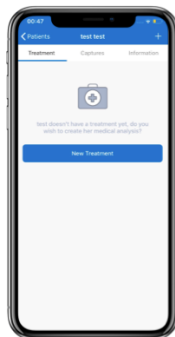


Once it's done, just tap on “**Create**” at the top right of the screen and your file is created.

Once a file is created, it is automatically and instantly synchronized on all the devices connected to the Doctor's account, using your account Next Motion Connect account.

You will later be able to edit the information and add pictures once you started the creation of videos (see Patient Management System).

You now arrive on the screen **New Treatment** where you will add all the medical information you need to have on the Patient.



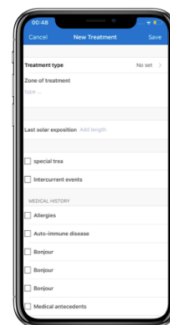
Add the reasons of consultation

the last solar exposition

*Information about the last
aesthetic treatment*

*All the information about the
Patient's medical history (editable
from **Next Motion connect**
account)*

And the Patient's phototype



Save it and you are ready to create your Patient's video

Patient Management System

At any time, you have access to all your patient's files that you can view and edit from the home screen.

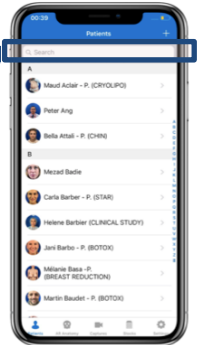
How does it work?

Once you are logged in on a computer or on the iPhone application, you access directly to the patients' files.

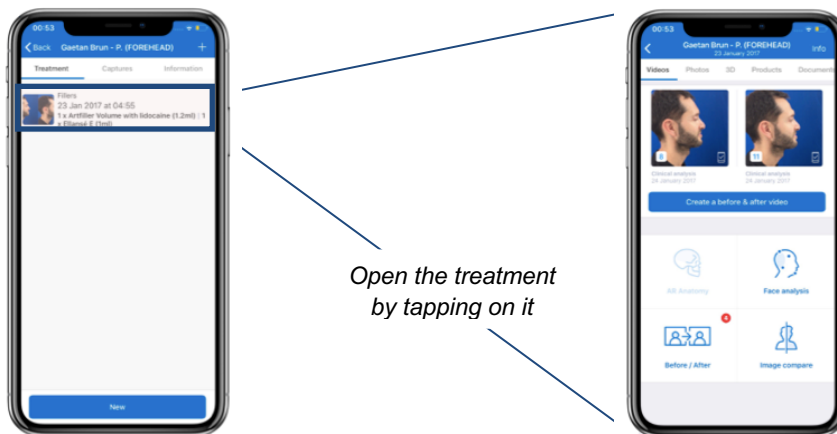
Open an existing Patient file: You can select an existing Patient file by tapping directly on it.

To search for an existing file, you can search by tapping in the search bar the Patient's name.

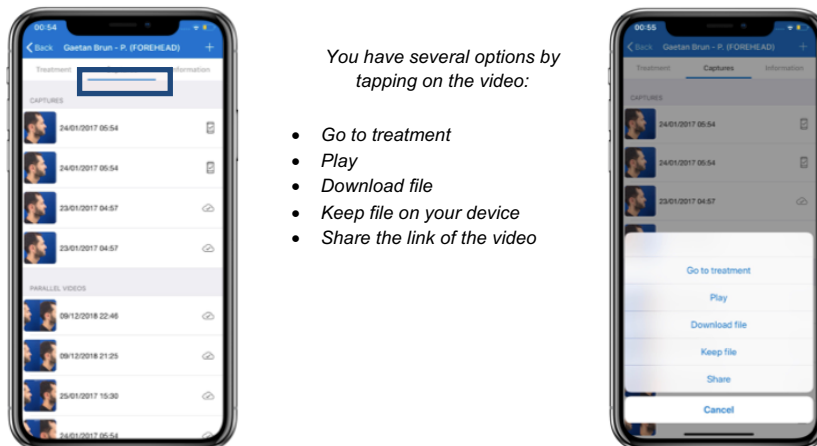
Once you have opened it, you have an access to all the Patient's information entered:



- The List of all the treatments you have made on the Patient



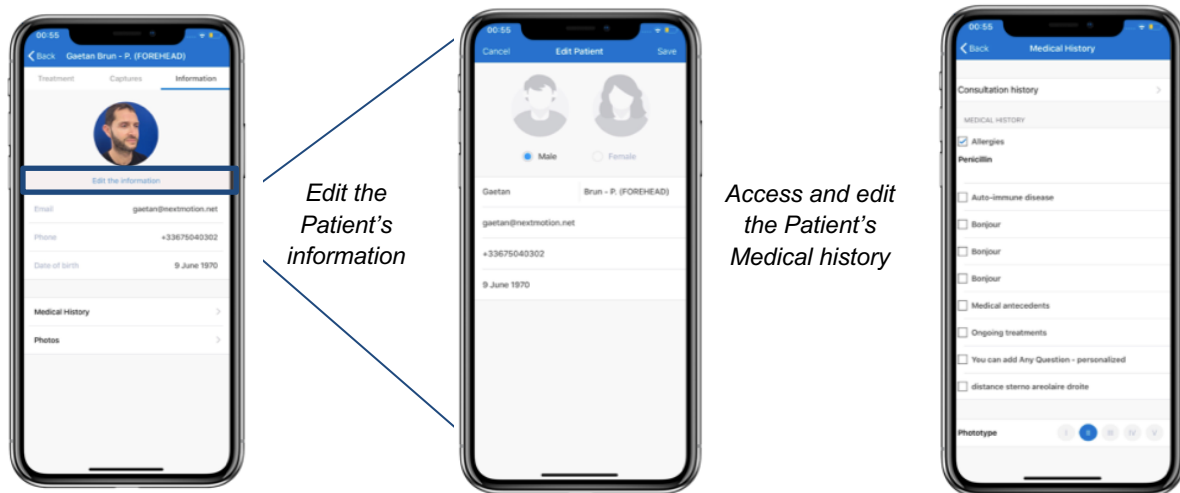
- The List of all the videos you have made on the Patient



- Go to treatment
- Play
- Download file
- Keep file on your device
- Share the link of the video

- All of the Patient's information you have entered: his/her name, last name, email, phone number, date of birth, medical history and photos.

All these information (except email) are editable by tapping on “edit the information”



*Once a file is created, it is automatically and instantly synchronized on all the devices connected to the Doctor's account, using **Next Motion connect**.*

Creation of a Before video

You already have created your patient's file, and you have created a treatment – you can now create a “before video”, prior to any intervention.

Place your iPhone on the dedicated slot on the engine, make a tap on “**Analyse**” then “Record new”.

Note: you can add an existing video if you want by tapping on “Choose Existing” – this way you can compare any previous video of your patient recorded from its first consultation with you with the last one

Turning on your Next Motion Device & pairing with your iPhone

Pushing the metallic round button will turn on your Next Motion Device. When the Blue light will tilt “smoothly”, it means that Your Next Motion device is ready to pair with your iPhone. A black button allows you to shut down completely the electronic system on 0.

Inviting the patient to take place

For face video the patient has to sit on the chair before the three steps of standardization.

For body video, the patient hides the central landmark on the screen ; this is why the patient will take place after the angle calibration.

**ALWAYS ASK YOUR PATIENTS TO NOT
WALK ON THE ENGINE'S CARTER**



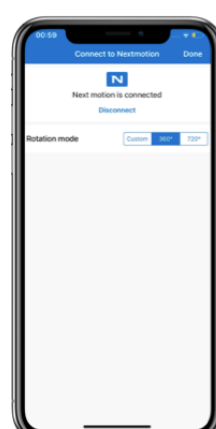
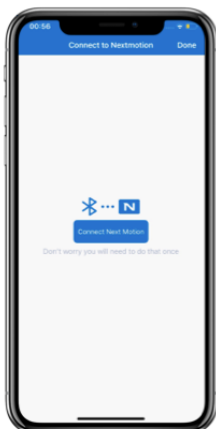
Next Motion Revolution

**ENSURE THAT POWERBANK SUPPLIED WITH YOUR NEXTMOTION DEVICE IS
CONNECTED TO THE DEVICE DURING ACQUISITION OF ALL YOUR VIDEOS**

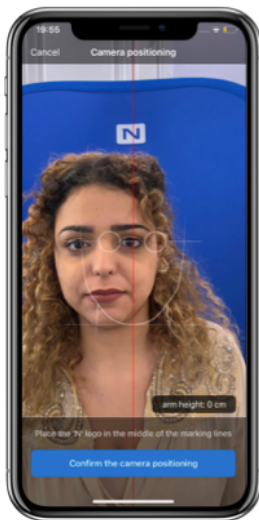
**This same powerbank needs to be recharged on a power socket when it runs out of battery
(approximately once every 2 weeks depending on the frequency of use of the device).**

Pairing the iPhone with the device

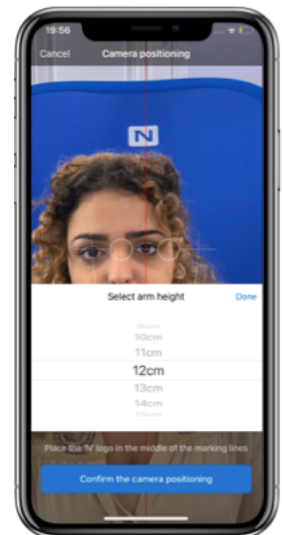
Select “Next Motion” – the 2 devices will be paired.



First step : positioning of the camera



Place your iPhone at the top of the frontal arm and make sure its vertical orientation is correct. The **red line** has to cross the middle of the **sticker (you have positionated your self as landmark)** or has to cut the middle of the N logo as shown on the picture below:



You also have to indicate the height of the arm by clicking on arm height at the right bottom corner, as show on the picture below:

Second step : White Balance Calibration

ALWAYS TRY TO HAVE THE MINIMUM NATURAL LIGHT WHILE YOU ARE MAKING THE WHITE BALANCE CALIBRATION : FOR THIS, OCCUR YOUR WINDOWS AS MUCH AS POSSIBLE TO PREVENT NATURAL LIGHT TO ENTER IN YOUR ROOM AND TRY TO USE AMBIENT LIGHT USUALLY USED IN YOUR CLINIC

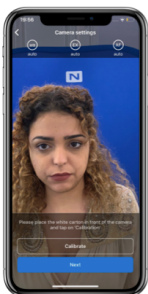


If you don't have the chance to have a dedicated room **with only artificial light**, you may always have color issues with your before & after pictures. This is caused by the **natural light that is subject to change**, depending on the luminosity and weather : some lamps can give you a “warm light” and pictures can appear with yellow/red tones while a cloudy day gives you a “cold light” that will make your pictures can appear with blue/green tones.



White balancing problems

To fix these problems and ensure you to always have the same color/tint, a “**White Balance Calibration**” is necessary in the **second step**. As explained below.



The White Balance Calibration is automatic. If the colors correspond to the reality you have to make a tap on **Next**.

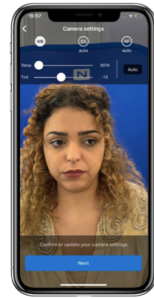
If the automatic White Balance Calibration do not show the real colors following your opinion, you can use the manual calibration : Hold the grey card provided by Next Motion and display it in front of the camera lens so as to appear on the whole screen of the smartphone. After having positioned the grey card, you have to make a tap on **Calibrate**. Wait a few seconds and tap on **Next**



If the colors still need to be improved make a tap on the following button :

- **WB** for White Balance : Tint/Temperature.
- **EX** for Exposure : Compensation, Duration and ISO.
- **AF** for the Focus.

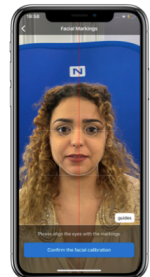
Unlock **auto** and choose your best settings



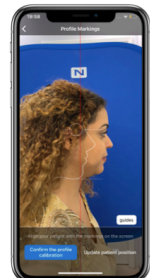
Third step : patient positioning:

To ensure that patient positioning is perfect from face and profile, on the “before” and “after” videos, it is important to match your patient with the mask displayed on the screen.

Facial calibration: Match your patient's face with the mask displayed on the screen to obtain the result you need. Machine will automatically move to the right profile cross by only moving back and forth his / her head (without changing the orientation of the Patient's face) then make a tap on **confirm the facial calibration**.



Profile calibration : Match your patient's profile with the mask displayed on the screen to obtain the result you need and tap on **Confirm the profile calibration**.



TIP : if you want to **focus your video** on a specific area, for example the lips, try to set this area (lips of the patient) **onto the vertical red marking line while you are doing the profile calibration** : it will be easier for you to zoom on the lips on the final mounting

