MC-380W
Portable WIFI Microcirculation Scope
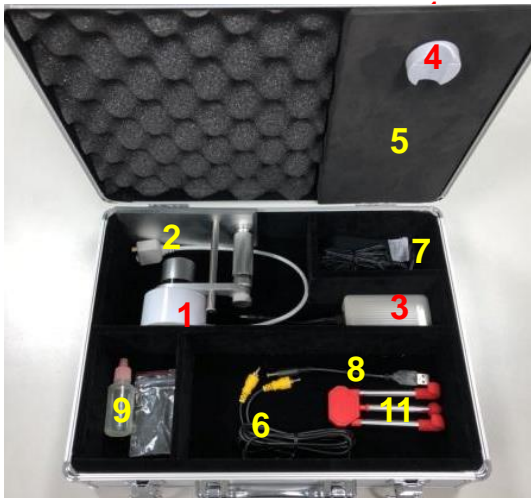
Sub-Health, the best tool for the study of microcirculation

User's Manual

A. Standard accessories

(1) MC-380W unit & lens
(2) CS-08 Stand
(3) WIFI Box (with WIFI number)
(4) Finger fixing plate.
(5) Palm supporter.
(6) AV signal cable
(7) 5V Power adaptor
(8) Cable for mobile power bank
(9) Empty bottle for imaging oil
(10) **Mobile power bank**
      (Need to be prepared by user)

* Free gift：mobile device stand (11),
   L-type hex wrench (Allen wrench)

B. WIFI APP download / operation
--- Your mobile devices can be monitor

1. APP installation

   Method 1:
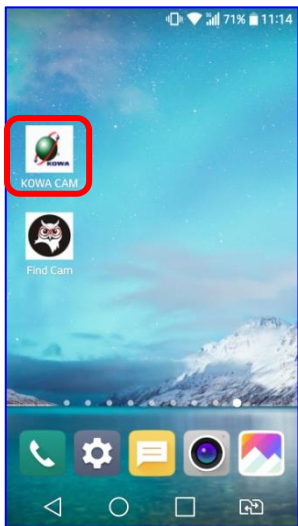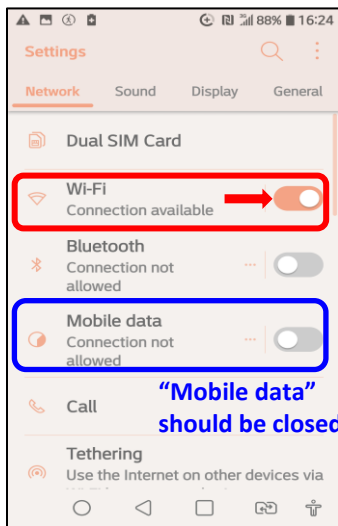   Scan the QR code and download the installation

(iOS System）

（Android System）

Method 2:
Sourcing "KOWA CAM" APP from **APP Store** (iOS system) and
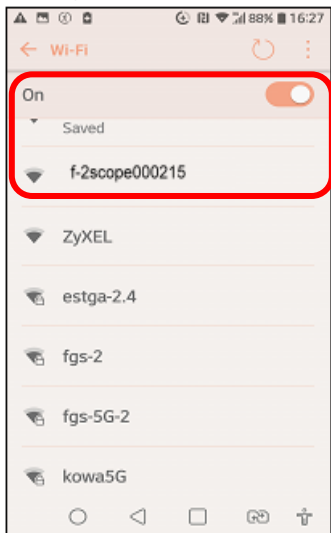download the installation

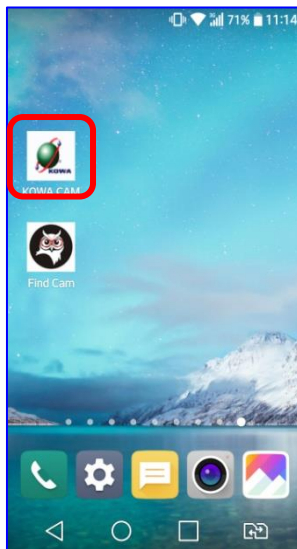2. After installation, "KOWA CAM" icon will appear on the desk.

3. Connect MC-380W to WIFI box and power (5V power adaptor or mobile power bank). Go to "Setting" option & open "WIFI" mode.

"Mobile data" should be closed

4. When your mobile device sources WIFI Box number (eg. f-2scope000215), it means the WIFI signal is available.
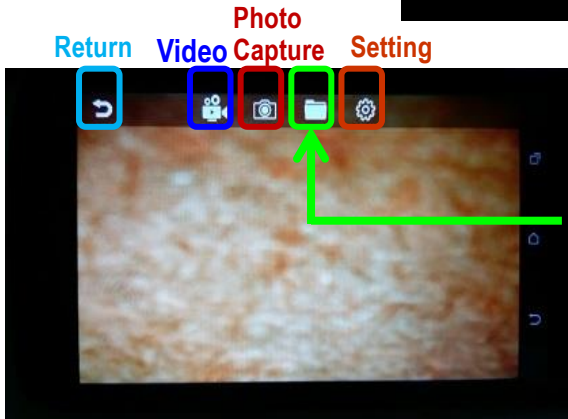

5. Now go back the desk to click "KOWA CAM" icon to begin image operation.

6. IMAGE OPERATION

Click "CONNECT" icon to operate photo capture or video recording.
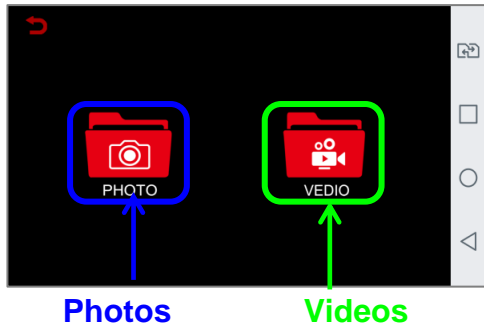

Return **Video** **Photo Capture** **Setting**

"Data"folder
To read photos or videos

Data for saved photos or videos, please find the route of the Data folder in file manager based on each individual mobile device.

7. Click"Data folder"icon to read saved photos or videos
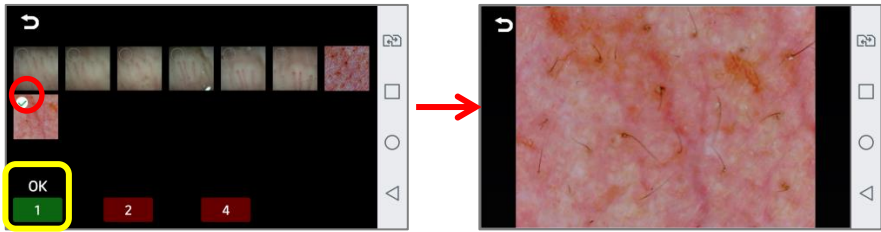

Photos **Videos**

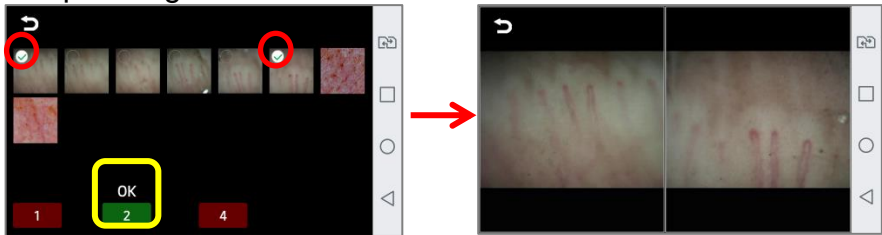## 7-1 By clicking "PHOTO", you will see all the saved photos.

The number 1, 2, 4 means you can set to show single image, 2 split images or 4 images on the screen.
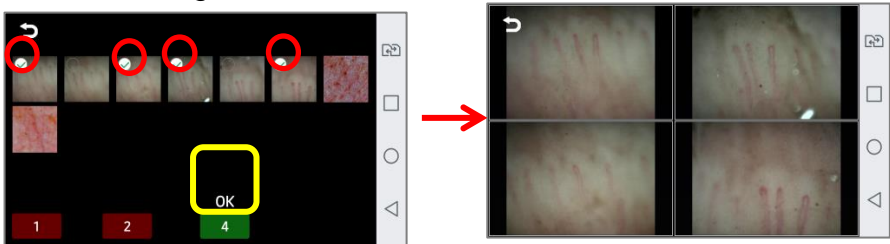
(1) Select one photo and then press "1", then you can see single image on screen.

(2) Select two photos and then press "2", then you can see 2 split images on screen.
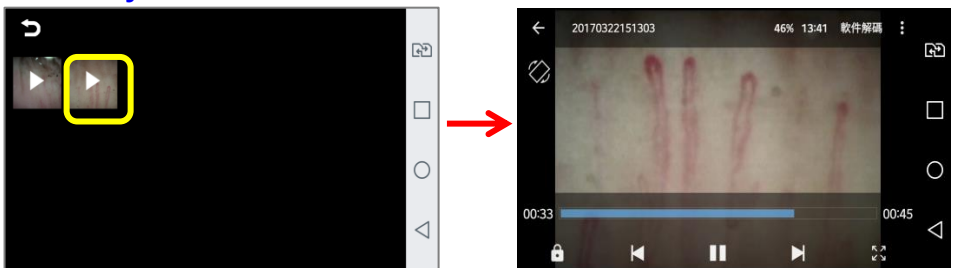

(3) Select four photos and then press "4", then you can see 4 frame images on screen.

7-2 By clicking "VIDEO", you will see all the saved videos.

* Please make sure your mobile device has installed " Video Player" APP in advance.

C. Simple connection

1. Please connect MC-380W to WIFI box, Power adaptor, and then to the power socket.
   (Please connect MC-380W to WIFI box, Mobile device cable, mobile power bank and power on mobile powew bank.)
2. Now the lens is light, MC-380W signal is OK.
3. Waiting for about 30 seconds, the **RED indicator** on WIFI Box is **"light"**, WIFI Box is starting.
4. Open your mobile device to WIFI mode, source WIFI box number and the **BLUE indicator** on WIFI Box is **"flashing"**, WIFI signal is OK.
   (Now enter "KOWA CAM" APP to begin image operation.)

D. Applying imaging oil

Please fill in the empty bottle with imaging oil (peanut oil or vegetable oil).
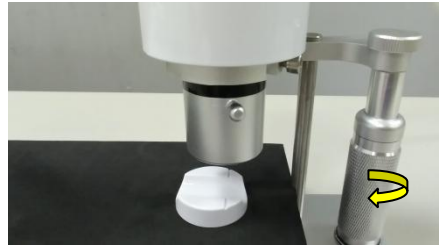

Available test area

Smoothly & evenly apply the imaging oil on the test area in order to get clearer image.

* Suggested test area nailfold of left ring finger.

E. Easy Operation

1. Rotate the screw bar clockwise to lift the lens on the top side.

2. Evenly apply the imaging oil on the test area. On the finger fixing plate, make your nail lower edge & white carved to forma a straight line and then observe.

3. You can get right focus & clear image by rotating the screw bar anti-clockwise.

4. The patent lens, you can move the anti-reflection bar to avoid reflection.

* Remark:
If you find MC-380W unit is loosen, please re-fix the round unit in a right position and use L-type hex wrench to screw it tightly.