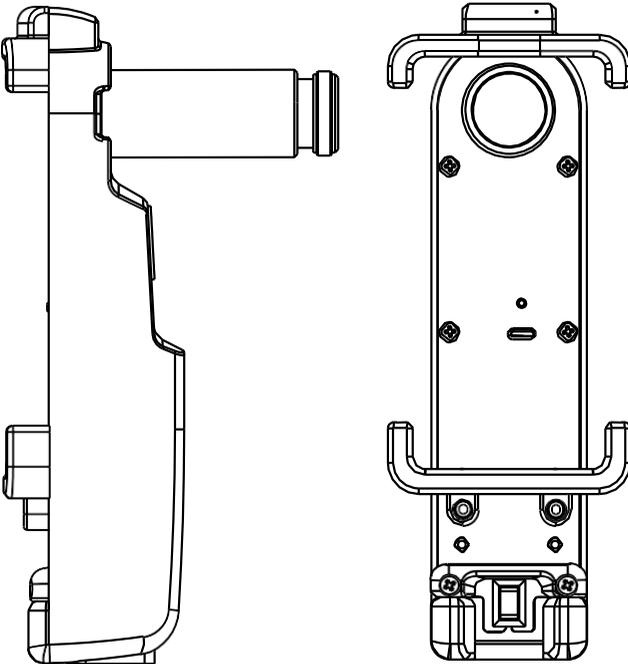


Enhanced Visual Assessment System

EVA System – Software Guide



Instructions for Use

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Preparing the phone for use

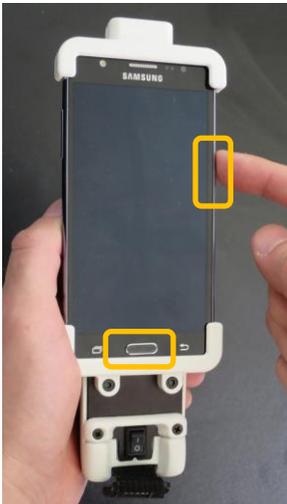
Step #1: Using the phone for the first time



1. Turn on the phone: press firmly on the power button located on the top/right corner of the phone.



2. Unlock the phone. Unlock the phone by lightly sliding your finger upward on the screen.



3. If the phone screen becomes black, you can easily turn it back on by pressing on the power button again, or pressing on the center button on the bottom of the phone.

Step #2: Connecting the phone to the internet:

The information provided in the next two pages are for those who do not have SIM cards with data plans inserted into the phone.



1. Turn on the phone: press firmly on the power button located on the top right corner of the phone.



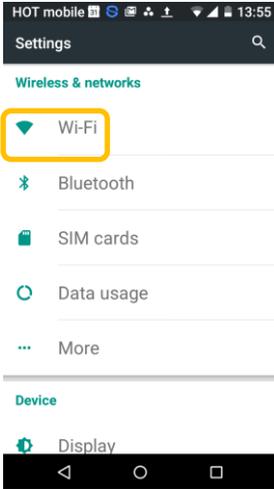
2. Unlock the phone. Unlock the phone by lightly sliding your finger upward on the screen.



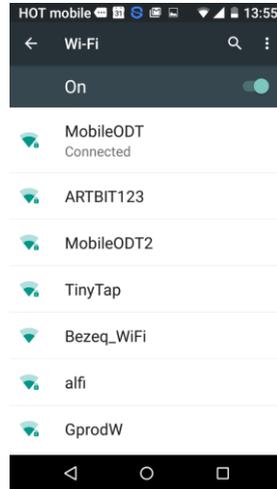
3. On the main screen press the "Apps" icon.



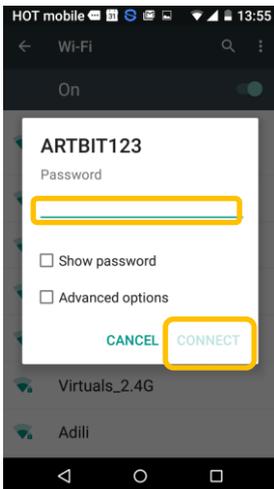
4. Locate the "Settings" button and tap on it.



5. Locate "wi-fi" and tap on it.



6. Locate your network and tap on it.



7. Enter your password and tap "connect".



8. At the top of your phone a "connected" icon should appear. If not, please contact your mobile network provider.

Step #3: Installing the CervDx app on the phone:



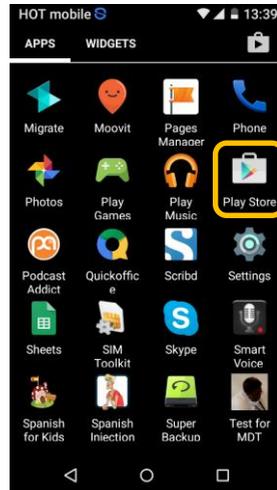
1. Turn on the phone: press firmly on the power button located on the top/right corner of the phone.



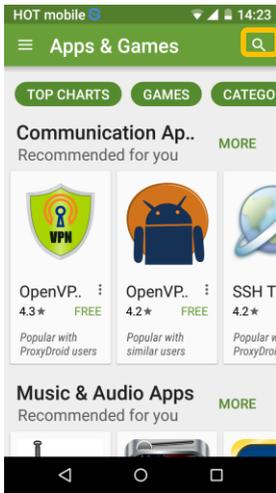
2. Unlock the phone. Unlock the phone by lightly sliding your finger upward on the screen.



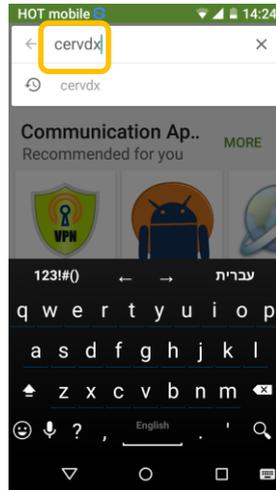
3. On the main screen press the "Apps" icon.



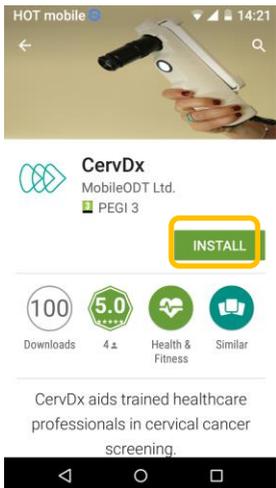
4. Locate the "Play Store" icon and tap on it.



5. Tap the magnifying glass icon on the top right.



6. Search for "CervDx" and tap on the result.



7. Tap "Download" to download the EVA System App to your phone.



8. Once installed, the app icon should appear on the main screen. If not, it may be found in the app drawer, accessed from the main screen as before (page 11, item 3).

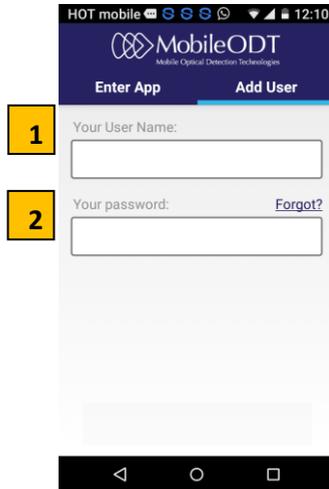
Step #4: Using the CervDX app for the first time



1. Enter the EVA System App: CervDx. The app can be accessed by tapping on it lightly.



3. Create a 4-6 digit PIN (Personal Identification Number) to be used every time you login to the app.



2. To use the app you must enter username (1) and password (2), both of which will be sent to you. Tap the blank space above the lines to enter the information, and then press “Login”.

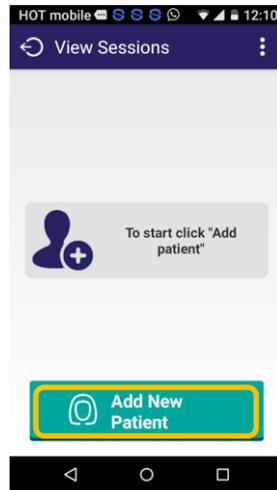
Using the application in a session

Step #1: Entering patient information

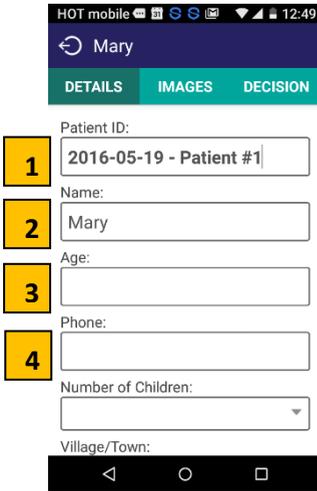
Before you can visualize the cervix, you must first enter information about the patient. Entering accurate patient information is critical for documentation and follow-up. To enter patient information:



1. Enter the EVA System App: CervDx. The software can be accessed by tapping on it lightly.



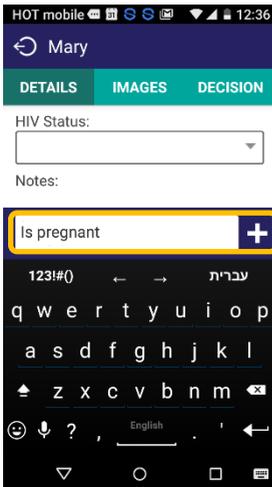
2. After logging in, tap the "Add New Patient" icon to create a new patient file.



3. Enter the patient ID (1), name (2), age (3), phone number (4) and number of children (5).



4. Scroll down to complete other relevant fields. You can record more information on the patient by tapping "Add New Note."



5. Enter your note in free text, and then tap on the plus sign next to the text to record it. You can add more notes by tapping on "Add New Note" again.



6. Once complete, tap on "Save Details" (8) to record the information, or on the Camera icon (9) to enter the visualization screen.

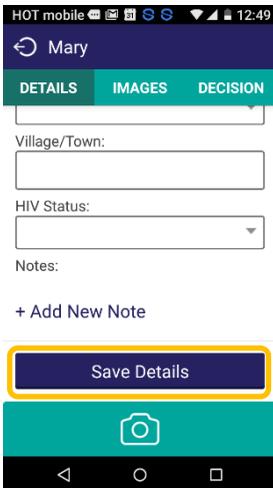
Step #2: Editing patient information

After you have entered patient information, you can edit it at any stage.



1. Tap on the "Details" tab and then on the field you would like to edit.

2. Correct the relevant information.

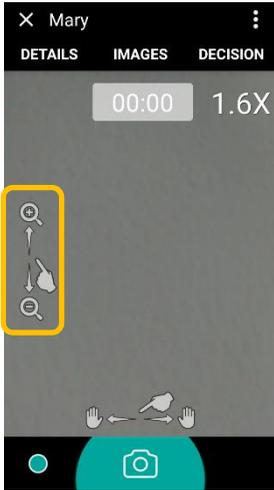


3. Once corrected, tap "Save Details" to save the change.

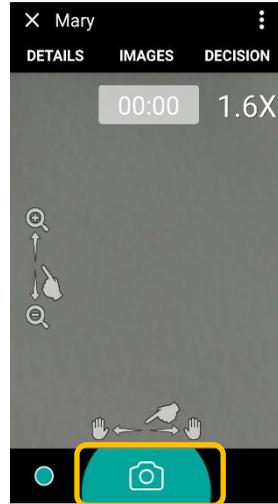
Step #3: Visualizing the cervix and capturing an image

After you enter the patient details, you can visualize the cervix and capture an image.

Capturing an image



1. Swipe up to zoom in on the cervix, and swipe down to zoom out.



2. Capture images by tapping the image capture button. You may capture as many images as you like.



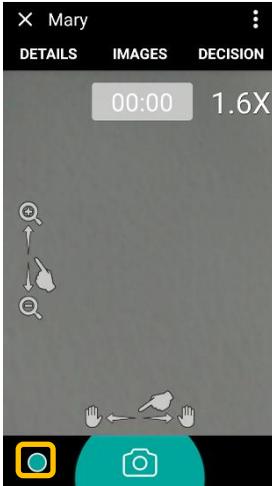
3. Once you tap the Image Capture button there will be a countdown of several seconds.



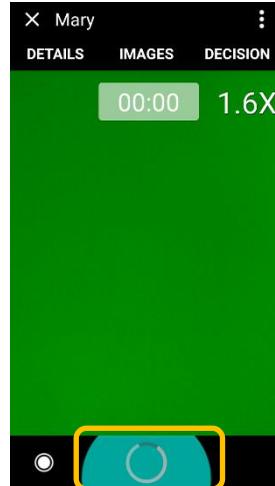
4. The image captured will be presented. Decide if you would like to Keep or Discard the image.

Using the Green Filter

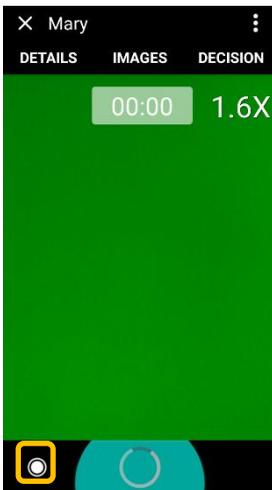
For health providers who are using the EVA System for colposcopy, there is a feature that allows applying a green filter to the image.



1. To use the green filter, enter the visualization screen and tap on the green filter button on the bottom-left of the screen.



2. Capture images with the green filter is identical to the regular visualization screen.



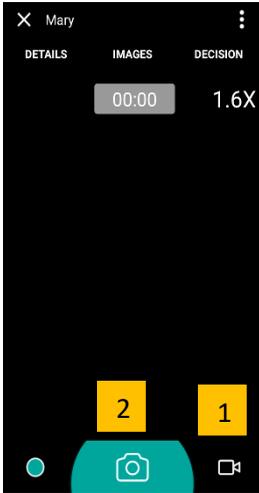
3. You can switch back to the regular view by tapping on the filter button again.



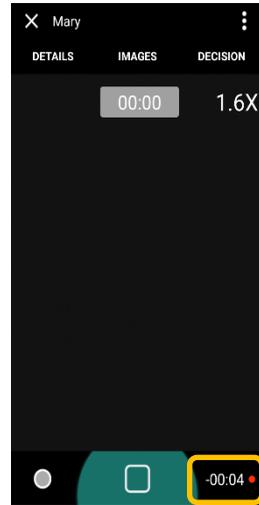
4. Depending on your dominant hand, you can move the button from left to right by swiping from left to right on the screen. To move the button back, swipe the screen from right to left.

Using the video feature

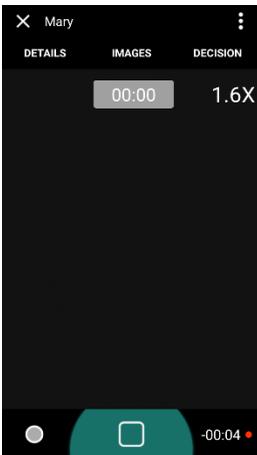
To use the video feature, start a new session and enter the visualization screen, by tapping on the camera icon in the Details screen.



1. To use the video feature, tap the video icon in the bottom right corner (1). The recording will begin automatically. To stop recording, tap the center button (2).



2. A timer will appear in the bottom right corner to let you know that you are recording.



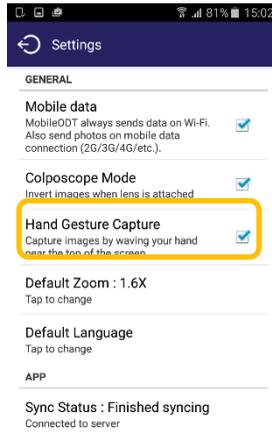
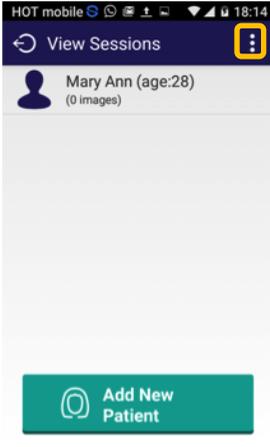
3. The video will save automatically. Tap "images" to review the videos that you have captured.

Depending on your user, the video will stop recording after a set time (5 seconds, 5 minutes or 20 minutes). The default is 5 minutes, if you would like to change that please contact support@mobileodt.com

Capturing images without touching the phone

If your System is connected to a stand, you can capture images without touching the phone, simply by waving your hand.

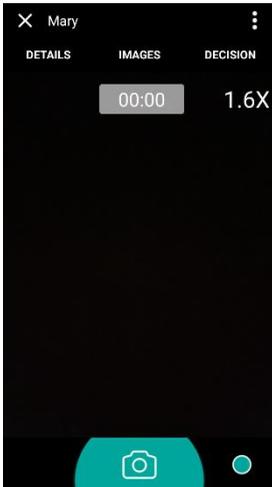
First, turn on the "Hand Gesture Feature" in the application settings:



1. Access the settings by tapping on the icon in the top right corner of the "patient list" screen.

2. Mark the box next to "Hand Gesture Capture."

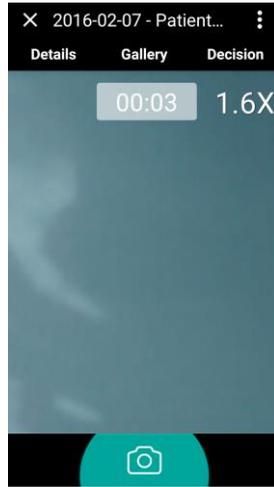
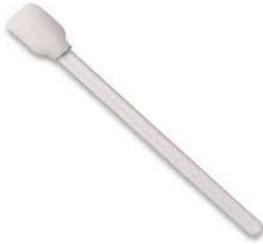
Now you can use the feature:



3. Access the "visualization screen."

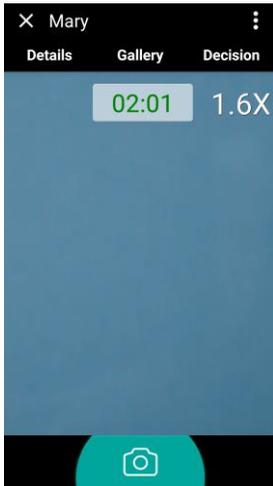
4. Wave your hand in front of camera found at the top of the phone.

Using the timer while performing visual inspection with acetic acid (VIA)

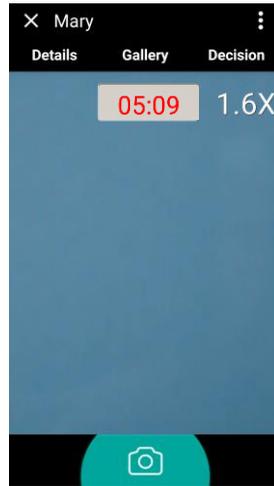


1. Apply acetic acid to the cervix with a swab.

2. After applying acetic acid, tap the timer at the top to begin.



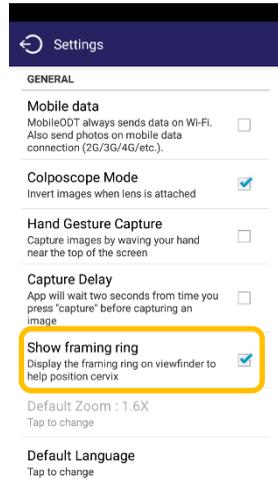
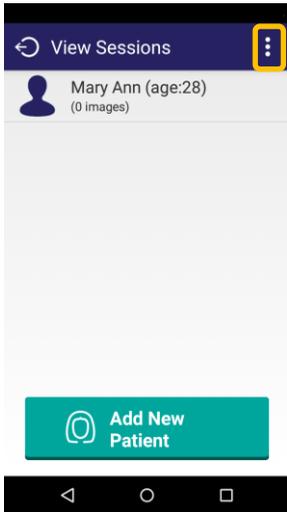
3. The phone will vibrate once it is ideal to examine the cervix (default is 2 minutes).



4. After the viewing time has passed the phone will vibrate again and the timer will turn red (default is set to 5 minutes).

Using the framing ring

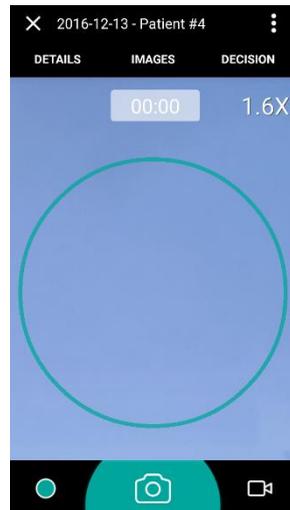
When using the EVA System, you can apply a framing ring to the visualization screen that will help you ensure that all of the cervix is visualized and in focus. To do so, your user needs to have the feature enabled and turned on.



1. Access the Application Settings from the main screen by tapping on the three dots on the top right.

2. Ensure that the box next to "Show framing ring" is checked.

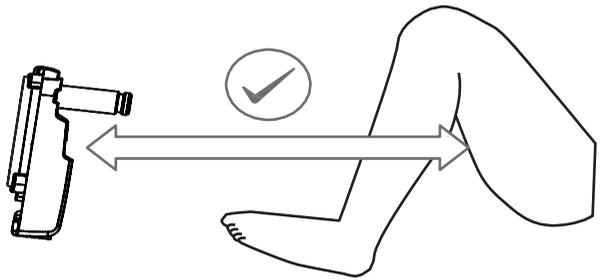
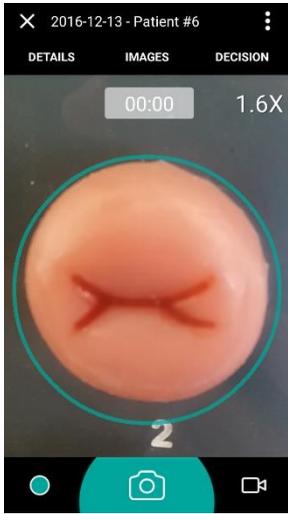
3. Now when you access the visualization screen, a ring will present itself on the screen.



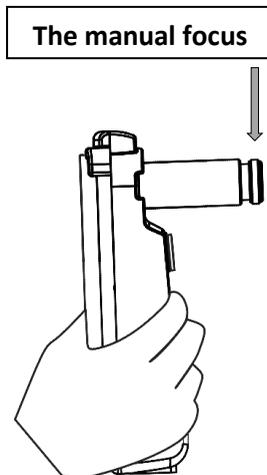
Adjusting the EVA System with the framing ring turned on

In order to ensure that the EVA System is in focus when the cervix fills the ring, when the framing ring is applied, you will not be able to zoom-in and out. Therefore, you will need to adjust the distance of the EVA System from the patient, as well as the manual focus, found at the tip of the lens.

To do so: adjust the distance of the EVA System from the patient until the cervix fills the majority of the ring.

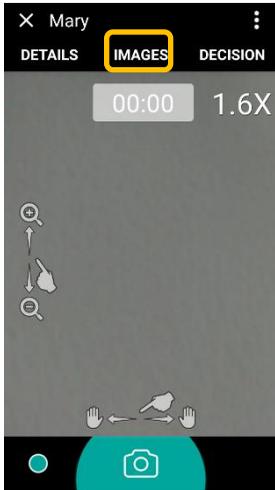


If the image on the screen is not in focus, adjust the manual focus by turning the wheel at the tip of the lens.

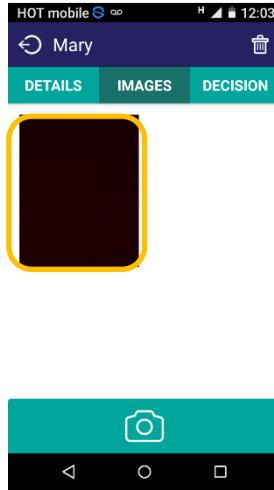


Step #4: Reviewing patient information

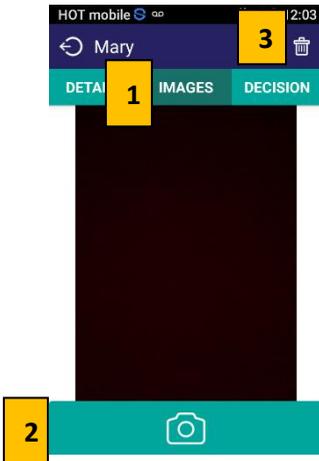
After capturing the images, you can review the patient images and information:



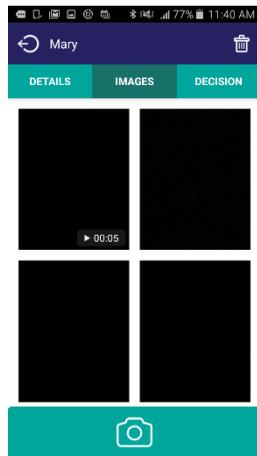
1. Enter the patient gallery by tapping on the "Images" tab at the top of the screen.



2. In the images gallery, you can review specific images and videos by tapping on each one.



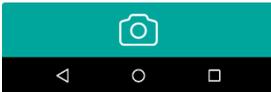
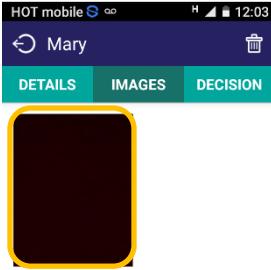
3. After reviewing the image you can return to the Patient Gallery (1), the Visualization screen (2), or delete the image (3).



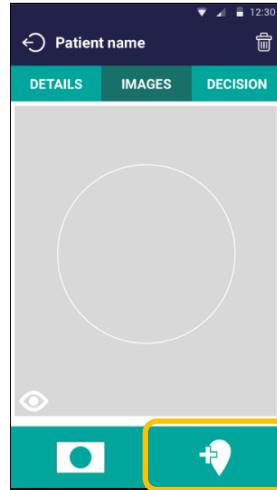
4. If you captured a video, your videos will appear in the gallery with a timestamp. Select the video you want to watch and then click the play button in the middle of the screen.

Adding annotations

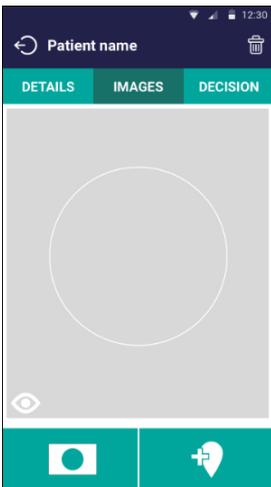
While reviewing images, you can add annotations to the images.



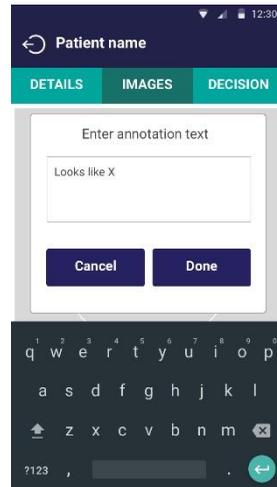
1. To add an annotation, choose an image you would like to view.



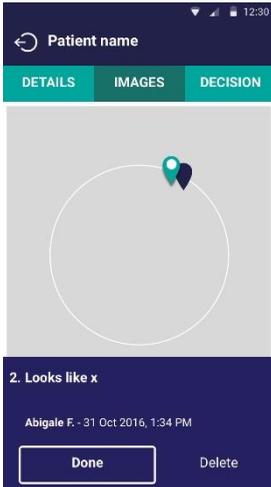
2. Once the image is chosen, tap on the "Annotate" icon at the bottom right.



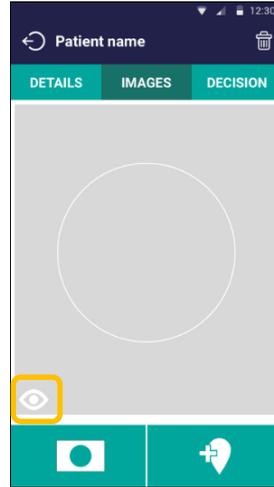
3. Tap on the location in the image where you would like to add the annotation.



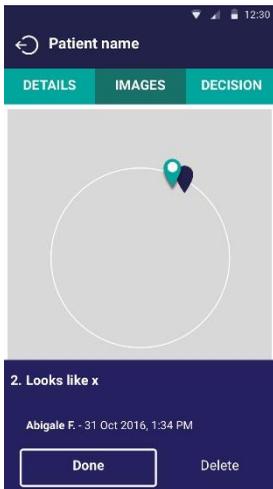
4. Enter the text you would like to associate with the annotation.
Please note: for some clinical scenarios a pre-existing text option may be present.



5. The annotation will present on the image, together with the text on the bottom.



6. You can hide the annotations by tapping on the "view annotations" icon at the bottom left

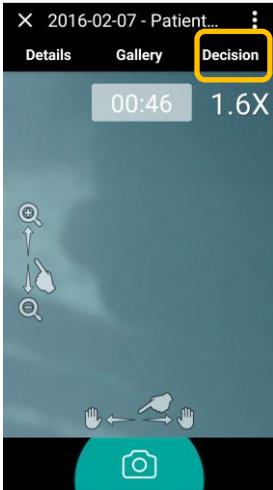


7. Once an annotation has been added, tap on it to see the text associated with it.

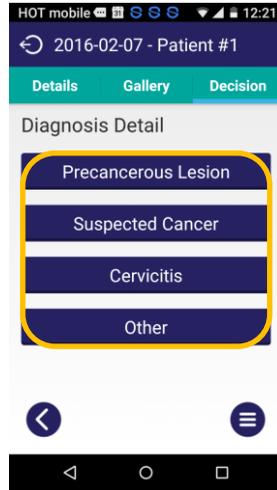
Tap delete if you would like to remove it.

Step #5: Recording a clinical impression

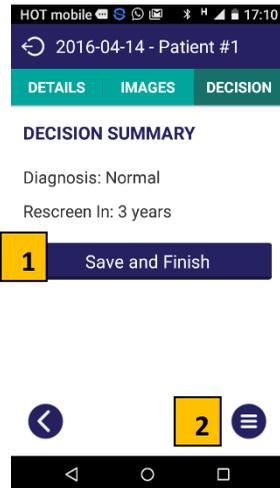
You can use the EVA System to record your clinical impression.



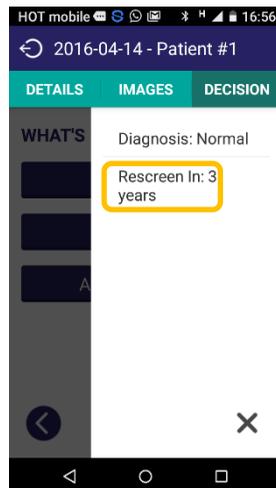
1. To record a diagnosis, tap the "Decision" tab on the top right corner.



2. Complete the appropriate steps in the decision-recording tool.



3. Tap "Save and Finish" (1) to complete the diagnosis. You can go back and change your diagnosis at any stage by tapping on the list icon (2).



4. After the list of steps opens, choose the relevant step and re-enter your diagnosis from that stage.

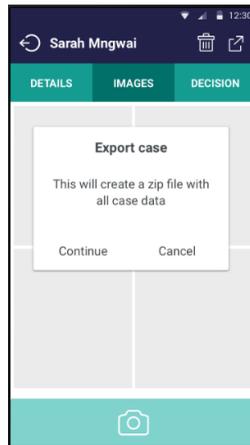
Using the EVA System when it is disconnected from the cloud

It is possible to use the EVA System disconnected from the HIPAA-compliant cloud storage. In this case, patient information and images are transferred directly from the EVA System to the provider's computer. To do so:

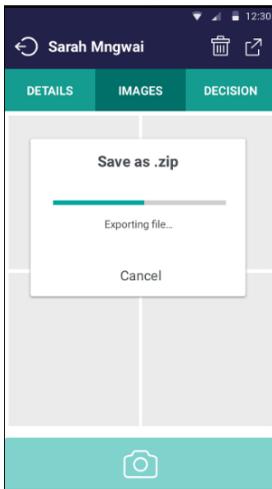
Step #1: Export a patient case to the phone



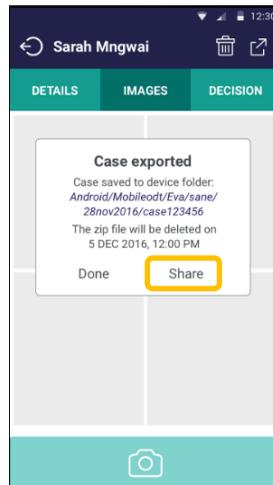
1. Tap on the "Export Session" icon at the top right corner.



2. Tap on "Continue" to export the patient information and images.

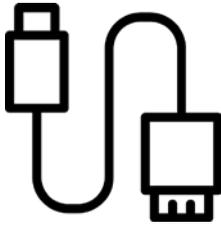


3. The application will create a file on the phone.



4. If connected to Wi-Fi, you can send the exported file via email by tapping on "Share".

Step #2: Transfer the file from the phone to the computer



5. Connect the phone to the computer with a usb cable.

Nexus 5X

Choose what to do with this device.



Import photos and videos
Dropbox

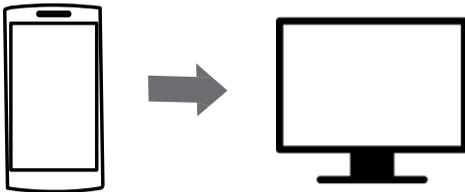


Sync digital media files to this device
Windows Media Player



Open device to view files
File Explorer

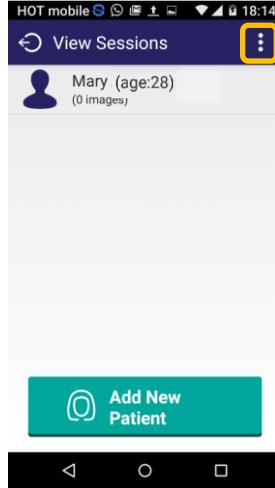
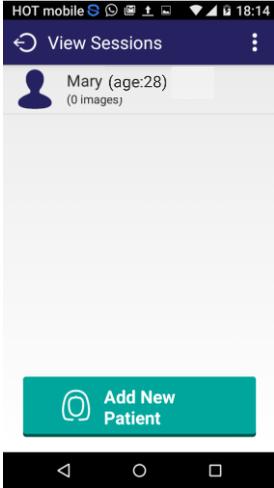
6. Once the phone is connected, the computer will ask you to choose what to do. Choose: "Open device to view files."



7. In the computer browser, navigate to the folder:
"Download/MobileODT/Eva/sane"
and choose your relevant patient case

If you would like to start using the HIPAA compliant cloud storage, that allows for case-review, data analytics and a host of other features, please contact support@mobileodt.com

Accessing the settings

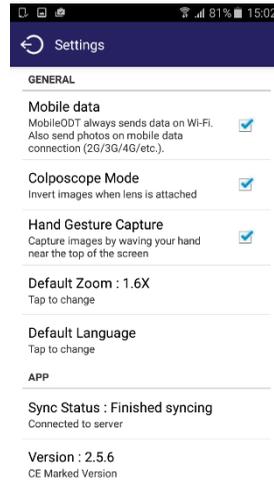


1. To access settings enter the patient list screen (the main screen after login).

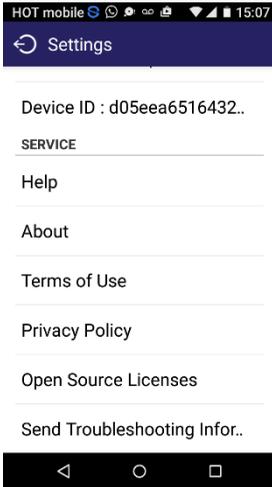
2. Settings can be accessed by tapping the gear icon in the top right corner.

3. On the settings screen you can:

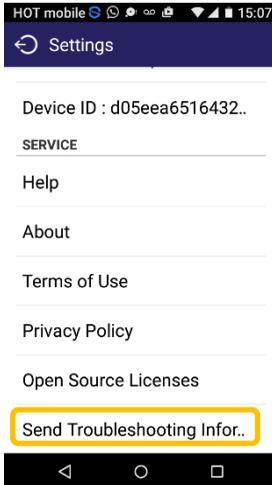
- Turn on/off information transfer through the cellular network as well as Wi-Fi (1). This is possible only when there is a SIM card with data inserted into the phone.
- Turn on/off Colposcope Mode, which inverts images when lens is attached (2).
- Turn on the "Hand Gesture Capture" feature, that allows you to capture images without touching the screen (3).
- Determine the default zoom level (4).
- Change the default language (5).
- Check "Sync Status" of images with the online cloud storage (6).



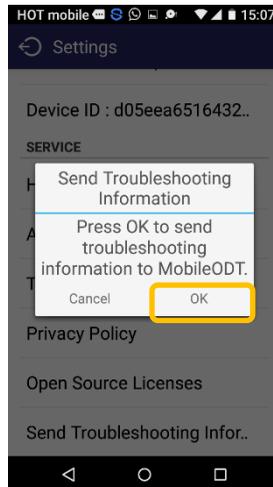
- In settings you will also see the version of the app you are using, the release date of the app and the Device ID.



4. Below the app details, you will find options to seek help from MobileODT online, read more about MobileODT, the terms of use and privacy policy, and the open source licenses on the app.



5. If you need to send troubleshooting information, simply tap on the bottom line.



6. Then, press "OK."

Software Troubleshooting

- **Blocking all other applications**

MobileODT has designated software to prevent the use of any other application aside from CervDx on the designated smartphone. The use of this software is recommended and provided for free by MobileODT. If you would like to employ this software for yourself or your organization, please contact customer support.

- **Software Storage/Smartphone is out of memory**

The app's software automatically removes images that have been transferred to the secure cloud server. It also checks for available storage space before starting the examination. If there is insufficient storage space on the smartphone, the user should first verify that all images have synced to the cloud server. Then, the user can remove cases from the EVA System by tapping on the trash can at the top right of the "patient list" screen and choosing the relevant cases that can be removed.

If the problem persists, the user should restart the application and phone, and if the problem continues the user should contact customer support.

- **Changing a User**

If trying to add a new user to the app isn't successful, check that the phone is connected to Wi-Fi or that it has a SIM with a data plan in it. If that doesn't work, make sure that you are typing in the password in a case sensitive way (using upper and lower case letters when needed).

- **The green filter button moves right and left**

The green filter button on the visualization screen can be moved from left to right according to the user's convenience. To move it, simply swipe to the direction in which you wish the button to be.

- **The image displayed in the visualization screen is inverted**

If the image displayed in the visualization screen is inverted (upside-down), please enter the settings and verify that "colposcope mode" is turned on.

- Images aren't syncing with the online portal**

If images appear not to sync, enter the settings and check the sync status. If there are images pending to be synced, make sure the EVA System is connected to the internet via Wi-Fi or has a SIM with enough mobile data charged to it.

It is possible to request that the app sync all the images stored on the phone. To do this choose the option "Force Sync" under the sync settings in the CervDx settings.
- CervDx app crashed while in use**

Please make sure that the latest version of the app is installed. To do this, access the Google Play store and search for CervDx. If the green button in the app page reads "Update," please tap that in order to install the latest updates. Furthermore, please make sure that the phone type is supported for use by the application. If the problem persists the user should contact the support service.
- CervDx app isn't responding**

If when trying to access the CervDx app it doesn't open, or while using it in a session it "freezes up," please restart the phone by turning it off and on.
- Image doesn't seem aligned on the visualization screen**

If the image on the screen does not seem aligned, please verify that the lens is screwed in all the way in.
- Application malfunction/freeze**

In the event of an application freeze, exit the application and restart. If the problem persists, restart the phone. If the problem is still unresolved, contact customer support.
- Visualization screen freeze/malfunction**

If the visualization screen is not responding, the user should close all other applications to make sure that no other applications are blocking the EVA System application's capability to make use of the smartphone camera.

Smartphone Troubleshooting

- **Low Battery**

In order to prevent a low battery during a procedure, charge the smartphone before each day of procedures.

- **Overheating**

In the event of the smartphone overheating, refer to the user manual of the relevant smartphone and follow the appropriate instructions, contacting service when needed.

In order to prevent a Smartphone from overheating during a procedure, if the user notices the smartphone is overheating by touch, it is suggested to turn the phone off and allow it to sit for a minimum of one minute before turning back on.

Web Portal Troubleshooting

- **Incorrect Login or Forgotten Password**

To reset a password or set a password after the login link from the user's email expires, click "forgot password" on the login page to have another link sent to the user's email. Access <https://portal.mobileodt.com> to reset your password.

- **Missing Images**

If a grey image appears in the patient case, or one or more images are missing you can manually sync the images from the app. (See explanation in the "Settings" chapter).

Contacting support

For questions concerning service, please contact MobileODT support:

Email: support@mobileodt.com

Phone: +1 (617) 454-4687

Website: www.mobileodt.com

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