



**AIRSTRIP™**  
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# AirStrip OB™ Android v1.4.1.6 User Guide

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**For Professional Use Only**

AirStrip OB is intended for use by professional medical personnel. This product is to be installed by AirStrip Technologies Professional Services personnel only. For complete information about Intended Use, contact AirStrip Technologies via telephone at +1 (210) 805-0444 or via email at [info@airstriptech.com](mailto:info@airstriptech.com).

**Caution:** Federal Law restricts this device to sale by or on the order of a licensed practitioner.

**Technical Support**

AirStrip Technologies provides technical support to AirStrip OB users 24x7.

For assistance, telephone +1 (877) 258-5869

**Contact Us**

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## 1. Introduction

### 1.1 About This Guide

#### 1.1.1 Purpose

This document describes the installation steps for the AirStrip OB™ application for Android™ devices.

#### 1.1.2 Revision History

Rev No.	Description	Date	Changes Marked
1	Initial version	May 9, 2012	N/A

### 1.2 About AirStrip OB

AirStrip OB delivers vital patient waveform data, including fetal heartbeat and maternal contraction patterns, in near-real time, directly from a medical facility to a clinician's mobile wireless device.

## 2. Installation and Configuration Steps

The AirStrip OB client is available for download through Google Play (formerly the Android Market) and the Amazon Market. In order to install the AirStrip OB Client onto an Android device, you must have an Android Market account and an Android operating system 2.1 or later.

### 2.1 Installation Steps

#### 2.1.1 Installing from Google Play

**To install the AirStrip OB client from Google Play:**

1. Complete the device registration on the AirStrip User Registration Website: <http://register.airstriptech.com/>
2. Launch Google Play by tapping the Market icon from the main menu on the device.
3. Search for *AirStrip OB* within Google Play.
4. Touch the AirStrip OB application.
5. Touch the **Install button** in order for the AirStrip OB application to install.
6. Once the download completes, the AirStrip OB icon will be located under 'All Apps' from the menu screen.
7. Tap the AirStrip OB icon to launch the application.

#### 2.1.2 Installing from Amazon Marketplace

**To install the AirStrip OB client from Amazon Marketplace:**

1. Touch **Apps**.
2. Click **Store**.
3. Search for *AirStrip OB*.
4. Find Airstrip OB in the search results, and then touch **Free**.
6. Touch **Get App**.
7. Touch **Free**.
8. Touch **Get App**.
9. Touch **OK**.
10. Touch **Open**.

## 2.2 Configuration Steps

To configure the AirStrip OB client on Android:

1. If AirStrip OB is not already open, tap the AirStrip OB icon to launch the application.

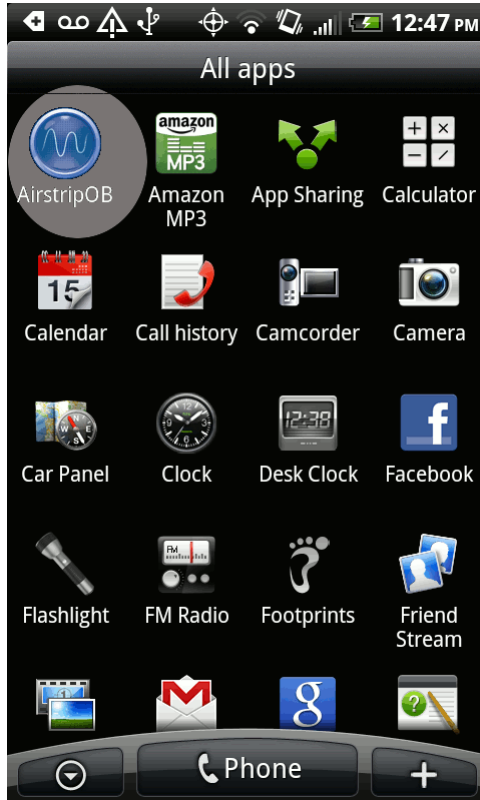


Figure 2-a: AirStrip OB Icon

2. Accept the End User License Agreement.

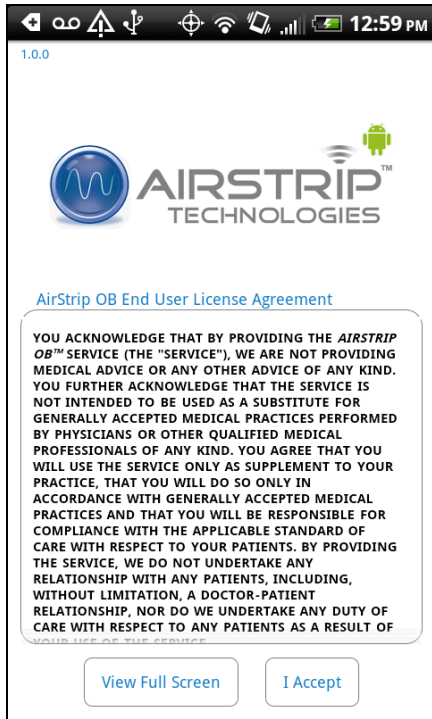


Figure 2-b: End User License Agreement

3. Touch Register from the Welcome screen.

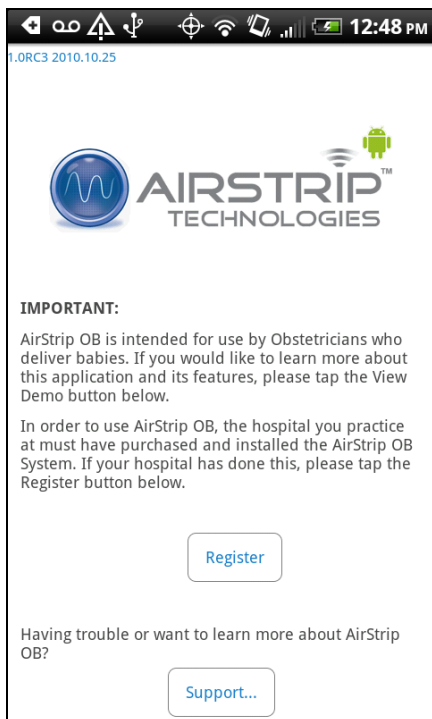
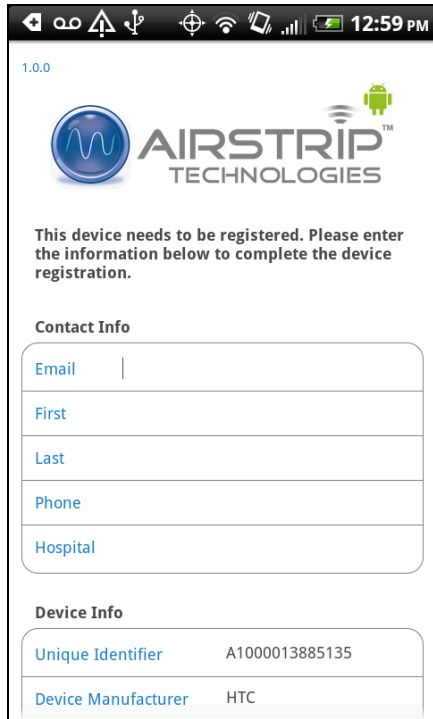



Figure 2-c: Welcome Screen

4. Complete the registration information and submit.



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This device needs to be registered. Please enter the information below to complete the device registration.

**Contact Info**

Email |

First

Last

Phone

Hospital

**Device Info**

Unique Identifier      A1000013885135

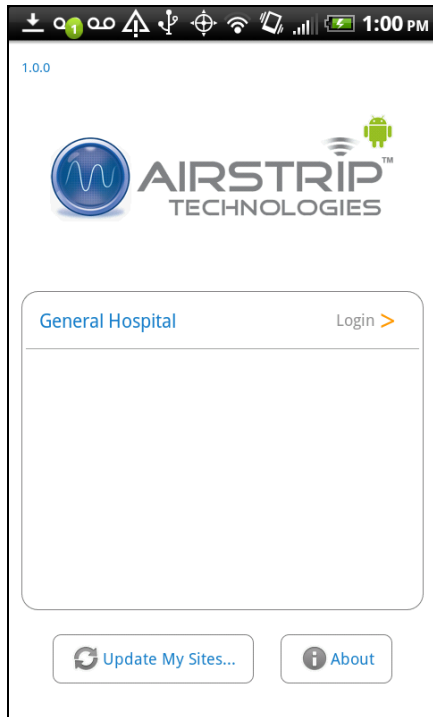
Device Manufacturer    HTC

Figure 2-d: Registration Screen

5. Following registration, you must contact your local Site Manager Administrator or AirStrip Technical Support at 1-877-258-5869 to have the device registration synced in the AirStrip Database.



6. Once the database has been updated, click the **Update My Sites** button on the AirStrip OB home page.



7. After your sites have been updated you should see your Hospital listed.
8. Select your site and log in using your AD or perinatal system account credentials depending on your site.

### 3. Quick Start: Using Android

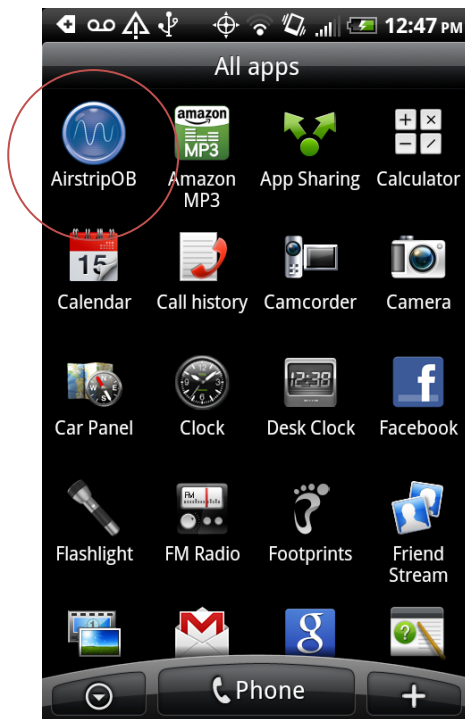
This section provides a quick reference guide for Android users.

#### 3.1 Launch Steps

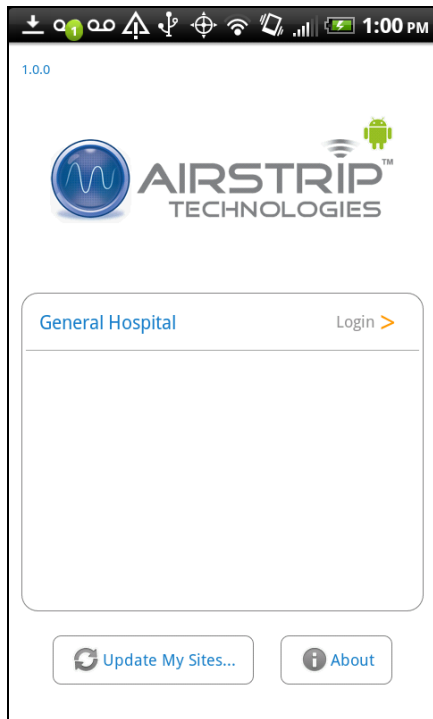
**Note:** Do not use the back button to toggle between screens within the AirStrip OB application.

**To launch the AirStrip OB client for Android:**

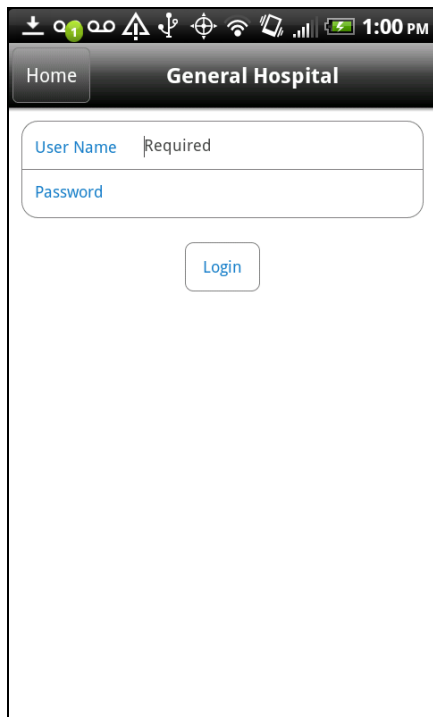
1. Tap the AirStrip OB icon to launch the application.



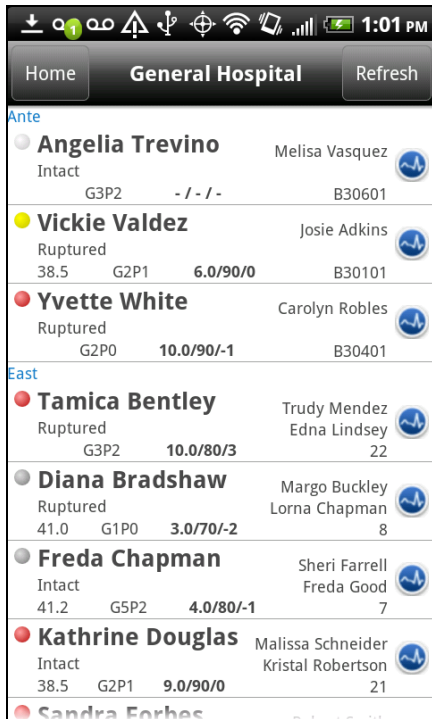
2. Touch the site to which you want to logon.



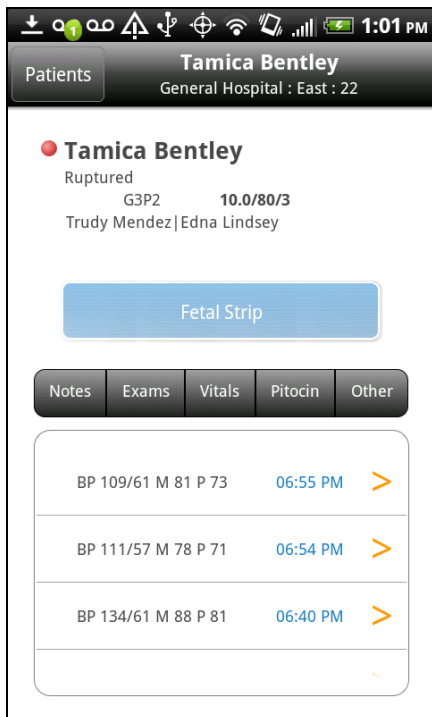
3. Enter your AD account or perinatal system user name and password into the logon fields and tap the **Login** button.



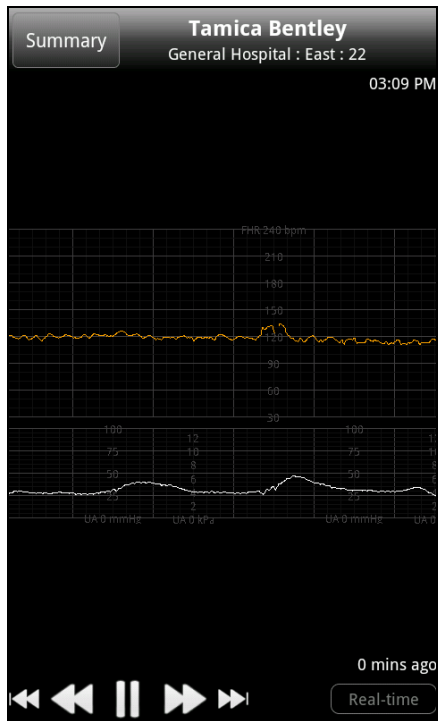
The Patient Census screen displays.



4. Tap a patient to display the Patient Summary screen.



5. Tap the **Fetal Strip** button to display the patient's strip chart.



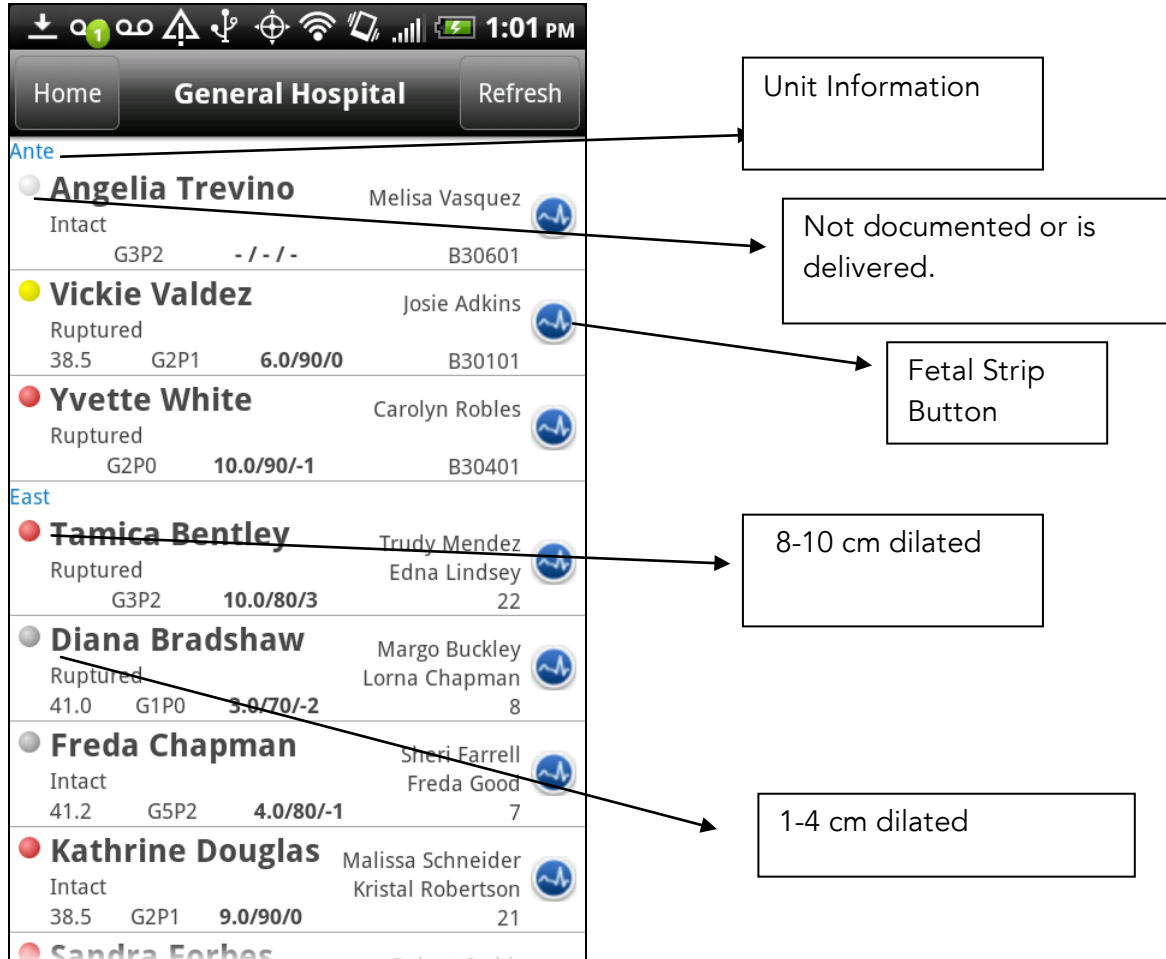
6. Tap the **Summary** button to return to the Patient Summary Screen.
7. Tap the **Patients** button to return to the Patient Census.
8. Tap the **Home** button to return to the Home screen.
9. Press the **Android Home** button to close the application.

## 4. Application Features

The following features are available on the AirStrip OB Android client:

### 4.1 Patient Census

The Census lists the patients in Labor & Delivery and lets you view additional patient data including the patient's strip chart.



The screenshot displays a patient census list for a General Hospital. The list is organized into units: Ante and East. Each patient entry includes a colored dot, name, status, gestational age, and other clinical data. Annotations point to specific features:

- Unit Information:** Points to the 'General Hospital' header.
- Not documented or is delivered:** Points to the white dot next to Angelia Trevino.
- Fetal Strip Button:** Points to the blue fetal strip icon next to Vickie Valdez.
- 8-10 cm dilated:** Points to the red dot next to Tamica Bentley.
- 1-4 cm dilated:** Points to the grey dot next to Diana Bradshaw.

Unit	Patient Name	Status	Gestational Age	Other Info	Dilation
Ante	Angelia Trevino	Intact	G3P2 - / - / -	Melisa Vasquez B30601	White
	Vickie Valdez	Ruptured	38.5 G2P1 6.0/90/0	Josie Adkins B30101	Yellow
	Yvette White	Ruptured	G2P0 10.0/90/-1	Carolyn Robles B30401	Red
East	Tamica Bentley	Ruptured	G3P2 10.0/80/3	Trudy Mendez Edna Lindsey 22	Red
	Diana Bradshaw	Ruptured	41.0 G1P0 3.0/70/-2	Margo Buckley Lorna Chapman 8	Grey
	Freda Chapman	Intact	41.2 G5P2 4.0/80/-1	Sheri Farrell Freda Good 7	Grey
	Kathrine Douglas	Intact	38.5 G2P1 9.0/90/0	Malissa Schneider Kristal Robertson 21	Red
	Sandra Forbes				

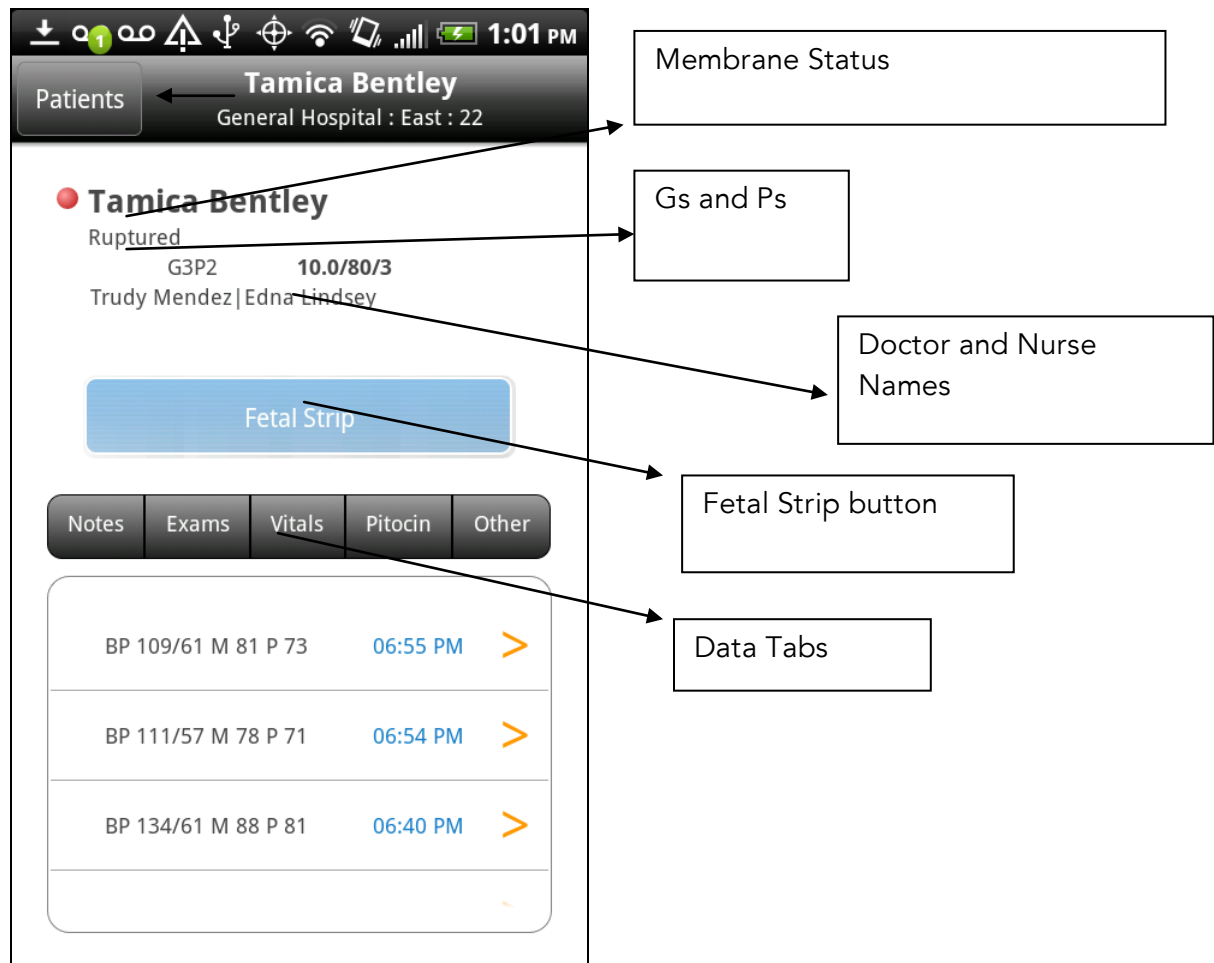
As shown in the preceding figure, unit information is in blue and patients in that unit are listed beneath it in alphabetical order by last name. Beside each patient name is a colored dot that represents the dilation of that patient. The color coding is as follows:

- White: Patient has not been documented or has delivered
- Grey: Patient is 1-4 centimeters dilated
- Yellow: Patient is 5-7 centimeters dilated
- Red Dot: Patient is 8-10 centimeters dilated

Tap the **Fetal Strip** button to the right of each patient to view the patient's fetal strip.

### 4.1.1 Patient Summary

The Patient Summary screen lists available patient data, including vital signs and delivery progress information.



The header at the top of the screen displays the patient name, hospital name, unit, and bed number. The first line displays the membrane status. The second line displays the patient's *Gravida* and *Para*, and then the patient's last exam. On the third line, the name of the doctor and then the name of the nurse are displayed.

Below the patient information is a blue Fetal Strip button. Below the Fetal Strip button, up to 4 hours of historical patient data is displayed through a series of tabs. You can tap the exams, vitals, notes and the other buttons captured in the tabs.

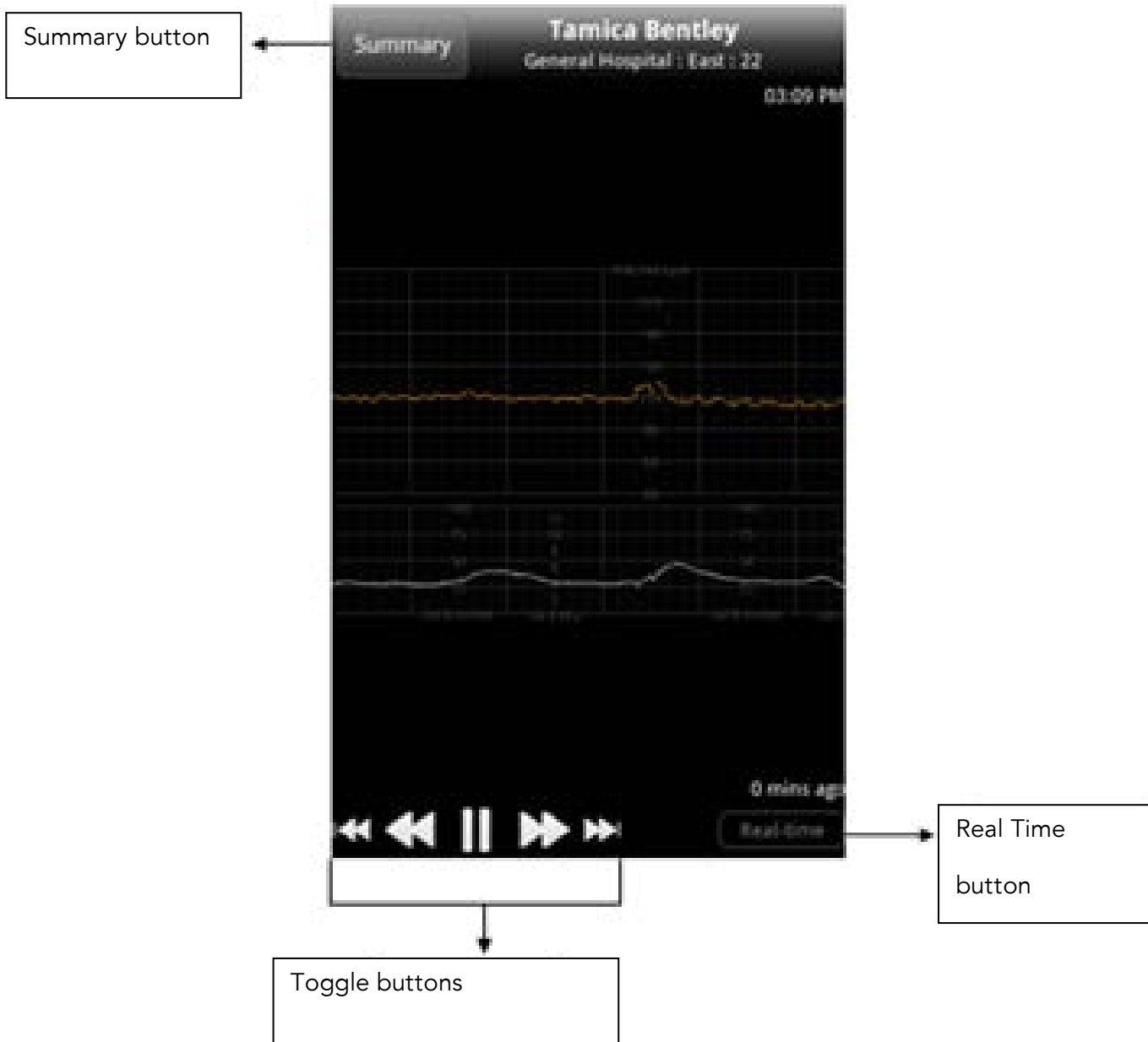
**Note:** Details of patient data vary based on what patient data your site has available. The only items that are directly interfaced into the AirStrip OB application are the patient's blood pressures and the fetal strips. All other information is documented by the nursing staff. If an item is missing from AirStrip OB, it was not documented at the time of review.

Each button drops down a menu of nursing documented items. When more information is available, yellow arrows display in the right hand side of the field. Tap the arrow for more detailed information.

To return to your list of patients tap the Patients button in the upper left hand corner. Please see the figure below for more details.

#### 4.1.2 Patient Strip Chart

The Patient Strip Chart screen captures the last four hours of fetal strip.





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The color coding is as follows:

- Orange: Baby1HR
- Yellow: Baby2HR
- Purple: Baby3HR
- White: UA
- White: MHR
- Light Blue: SPO2

The header at the top of the screen displays the patient name, hospital name, and unit and bed number. The fetal strip appears in real time mode & will update automatically.

You can scroll backward and forward through the strip chart data, or view it in real time mode. To scroll through the strip you can use your finger by swiping left and right or utilizing the toggle buttons in the lower left hand corner.

To return to real time mode tap the **Real Time** button in the bottom right hand corner.

You can view the fetal strip in landscape orientation by rotating the device sideways 90 degrees. For navigation options, return your device to the upright (portrait) position. To return to the patient summary screen or patient census, tap the icon in the upper left corner.

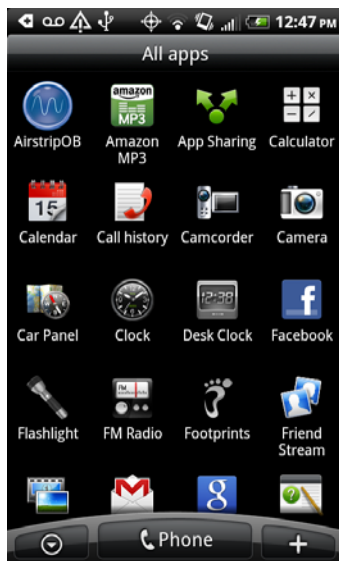
## 5. How to Update Sites

The Update Sites function is used in any of the following cases:

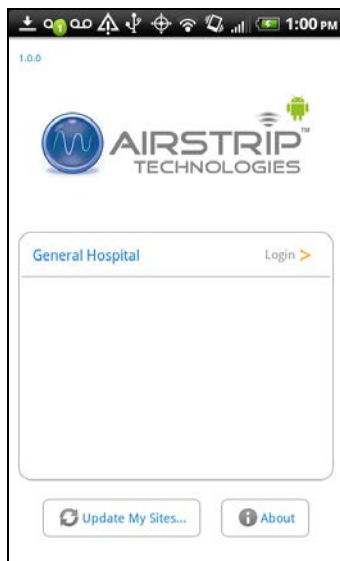
- When you added to or removed from a facility
- When a change occurs to the server IP address or the site URL
- When an update occurs
- When a perinatal system upgrade or change out occurs
- 

### To update sites:

1. From your Android....Touch the Airstrip OB icon.



2. Once the application loads, touch the 'Update my Sites' button in the bottom left corner.



3. After the your sites have been updated you should see your Hospital listed under 'Sites'
4. Touch your Hospital and log in.