

## Summary

The EchoNous 4.2.1 system software update releases multiple updates to the newly-rebranded Uscan system, including support for the EchoNous-branded bladder scanning probe, improved scanning videos and onscreen prompts and software corrections to system connection issues.

This document provides EchoNous / Signostics Sales and Clinical Support personnel and Biomedical Engineering customers with information on the S3 Samsung and the HP tablet upgrades with system software version 4.2.1.

## System Software v4.2.1 Enhancements

The v4.2.1 system software contains the following updates and improvements:

### Menu

- ◇ The EchoNous logo has replaced the Uscan logo.
- ◇ The Phantom patient-type for training purposes, can now be found in the 3-dot menu in the top right when you are within the bladder volume application. Tap the 3-dots, then select Enable Phantom Mode.
- ◇ If you would like to hide the ultrasound image that is seen during the bladder scan, it can now be done in settings. Tap settings, then Administration and then select disallow viewing images during Bladder Volume Scanning.

### Scanning

- ◇ The animated visual guides have been changed to live action videos.
- ◇ The onscreen prompts have been updated. For example, the message *move probe* towards head or feet has been updated to *angle beam* downwards towards feet or upwards towards head.
- ◇ The pubic bone is now labeled and highlighted in green when it is detected by the system.
- ◇ The audio signals and tones during fanning have been updated. Now fan the probe toward one hip until the sound indicator is heard then fan back toward the other hip until a second sound is heard.
- ◇ The motion diagram showing the angle of fanning has moved from the left side of the screen to the top right above the ultrasound image of the bladder.
- ◇ Now, bladder volume measurements will always be a numerical value. Low bladder volume and bladder not detected feedback messages have been removed.
- ◇ After a scan is complete, the “scan” button has been replaced with “Scan Again”. If tapped, it will prompt to complete another scan.

### Training and Instructional Materials

- ◇ The system now includes a viewable PDF version of the User Manual is on the Tablet.
- ◇ New training tips in Quick Start Guides are available on the EchoNous.com website.
- ◇ The “New to this is” menu is now titled “Training Video Library”.
- ◇ The video library has been updated with new training videos.

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## Update Process

- ◇ If the Automatic Updates Check is enabled and the system is connected to the Internet, an update notification will appear. Follow the instructions on the device to download and install the update.
- ◇ If the Automatic Updates Check are not enabled, connect the device to the Internet using a secure Wi-Fi connection, then check for updates via Menu > Settings > Maintenance > Check for Updates. Follow the instructions on the device to download and install the update.
- ◇ If the device cannot be connected to the Internet, contact Customer Support to assist with downloading and installing the software by means of a USB flash drive.

If you have any questions regarding the update process contact EchoNous / Signostics customer support at 844-854-0800.