



DIAGNOSE HERPES SIMPLEX VIRUS



Hologic now offers the **Aptima Herpes Simplex Virus (HSV) 1 & 2 molecular assay**. This nucleic acid amplification test detects and differentiates between HSV-1 and HSV-2 strains in anal and genital lesions. Specimens are collected using the **Aptima Multitest Swab Specimen Collection Kit** or commercially available viral transport media. The Centers for Disease Control and Prevention (CDC) recommends that all patients with first-episode genital herpes be tested for strain type. According to Hologic, studies show that HSV molecular diagnostics like the **Aptima HSV assay** are 3 to 5 times more sensitive than live culture samples.

According to the CDC, infections with HSV-2 affect more than 24 million Americans. Patients with HSV-2 strain are at increased risk for contracting and transmitting HIV. Pregnant women infected with HSV-2 are at risk of transmitting the virus to their babies, with increased risk for neurologic complications in the child.

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FOR MORE INFORMATION, VISIT:

<http://www.hologic.com/search/site/aptima%20hsv>

PRECISELY TARGET TISSUE DURING BREAST LUMPECTOMY OR BIOPSY



Cianna Medical designed the **SAVI SCOUT Radar Localization System** using radar instead of wires or radiation to help surgeons target tissue during breast lumpectomy or surgical biopsy.

According to **Cianna Medical**, a reflector smaller than a grain of rice is placed into the breast up to 30 days before surgery. During the procedure, the **SCOUT** guide detects the reflector, allowing surgeons to precisely focus on the affected tissue. **SCOUT's** detection range is 1 mm to 50 mm. **Cianna Medical** says that this localization level allows for better surgical planning that may improve cosmetic results as less tissue may need to be removed.

Cianna Medical reported recent data showing that, when compared with wire localization, the **SCOUT** reduces breast surgery operating room (OR) delay times by 72.5%, resulted in an average 29-minute reduction in OR waiting time, and significantly improved workflow efficiency.

FOR MORE INFORMATION, VISIT:

<https://www.ciannamedical.com/savi-scout/>

PLASMA HYSTEROSCOPIC RESECTION



The 8.5-mm **Hystero-Resectoscope** and others in the **Olympus plasma hysteroscopic resection and vaporization** product portfolio have recently received US Food and Drug Administration

clearance. **Olympus** asserts that bipolar electrosurgery featured in the plasma hysteroscopic resection and vaporization system has lower risks of electrolyte imbalance (hyponatremia) compared with monopolar electrosurgery. In addition to improved patient outcomes, Olympus says that its system benefits include cutting precision, better visibility, and cost-savings potential by using a variety of plasma-enabled electrodes in multiple hysteroscopic procedures.

During gynecologic procedures, the **Olympus 8.5-mm hystero-resectoscope** uses a combination of radio frequency, energy, and saline to create plasma, an electrically conductive gas cloud of vapor and charged particles. Due to its conductivity, plasma allows energy to cross into targeted tissue at lower energy levels than with more traditional approaches. This effect leads to lower operating temperatures and therefore less thermal spread.

FOR MORE INFORMATION, VISIT:

<http://olympusmedical.com.sg>

APP-BASED HANDHELD ULTRASOUND



Clarius Mobile Health is offering **Point-and-Shoot Ultrasound Scanners** that operate with any iOS or Android smart device using an app. **Clarius** says its wireless, handheld ultrasound scanners help ObGyns perform quick scans or are used to guide

short procedures at bedside without having to rely on the availability of a cart-based ultrasound system. The **Clarius C3 Scanner** is designed for scanning all parts of the patient's torso, including the heart. The **Clarius L7 Linear Array Ultrasound Scanner** is ideal for guiding procedures. Both scanners have automated gain and frequency settings.

High-resolution images can be saved, reviewed, and managed on the secure **Clarius Cloud**. Built with a durable magnesium shell, each device has an IPX7 immersion rating so it can be sterilized. Power is obtained from a rechargeable battery that will last for more than 45 minutes of scanning; 2 batteries come with each **Clarius** device.

FOR MORE INFORMATION, VISIT: <https://www.clarius.me/>