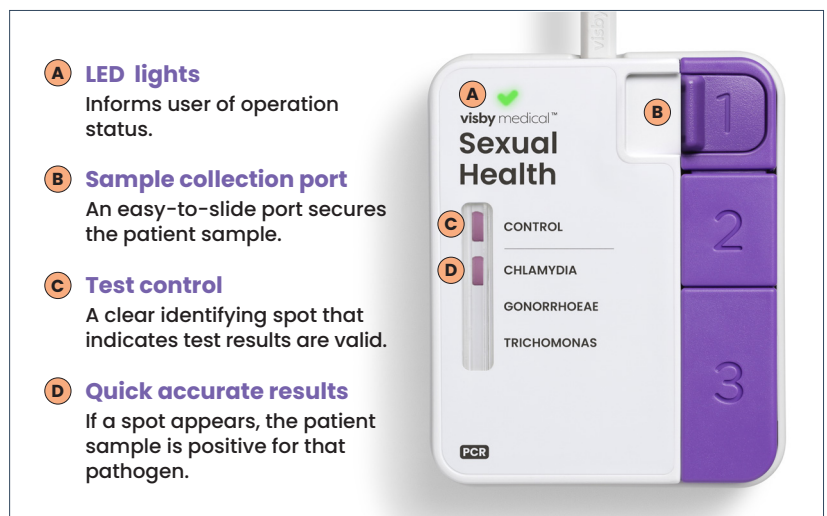# Visby Medical Sexual Health Click Test

Data-driven STI treatment in a single visit

The Visby Medical Sexual Health Click Test is the first true polymerase chain reaction (PCR) point-of-care device for STIs that is all-in-one and requires no separate instrument or reader. The test offers PCR technology in palm-sized dimensions with results available in 28 minutes and an accuracy greater than ~97% so clinicians can provide data-driven treatment in a single visit. With one patient-collected vaginal sample, the CLIA-waived test detects the pathogens responsible for 3 of the most common – and curable – STIs: chlamydia, gonorrhoeae and trichomonas. These three pathogens, if left untreated, can cause permanent damage to a woman's reproductive system, including infertility, ectopic pregnancy (pregnancy that occurs outside the womb), and pelvic inflammatory disease. Fast PCR can help with the early detection of these serious infections.

How the test works/ PCR technology

The handheld device utilizes PCR technology, which has been deemed the gold standard for accuracy. The test requires less than 15 seconds of hands-on time and produces results in less than 30 minutes. The core innovation inside the Visby Medical Sexual Health Click Test is the ability to achieve 40 cycle PCR results with a small device and without sacrificing accuracy.

A **LED lights**
Informs user of operation status.

B **Sample collection port**
An easy-to-slide port secures the patient sample.

C **Test control**
A clear identifying spot that indicates test results are valid.

D **Quick accurate results**
If a spot appears, the patient sample is positive for that pathogen.

Implications of the test

The Visby Medical Sexual Health Click Test can help change the standard of care, improve patient care, enhance medical practices, and reach underserved communities. The test provides a better patient experience by eliminating the need for clinicians to presumptively treat suspected infections without an accurate diagnosis, which can contribute to societal antibiotic resistance. Lack of STI treatment can result in many detrimental effects including serious medical complications, especially in women, ongoing community transmission of STIs, and an increased likelihood of transmission of other STIs, including HIV.[1,2,3]

Empowering clinicians with immediate access to a lab-accurate PCR result will help guide the right patient discussion and enable Expedited Partner Treatment, during a single patient visit, saving time, money, anxiety and stress for both patients and providers. Additionally, the ability to reduce the need for follow up visits ensures that fewer patients are lost to care. Patients who feel cared for have better outcomes.[4] With a holistic approach and outsized medical benefits, the improved quality of care that this test provides may reduce community spread and help flatten the STI curve.

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