

Subject of email: PCR Tech Helping Doctors To Get STI (N.Gonorrhea, HPV)Report Same Day Of Clinic Visit

Cervical cancer caused by HPV infection has a severe impact on women, particularly those living in low-income countries with little or no access to high-quality diagnosis and treatment. Other STIs (chlamydia and N. gonorrhea) have continued to be implicated in fertility troubles among men and women in a more profound prevalence statistics globally, in addition to HPV's destructive effects on women. N. gonorrhea has long been a primary cause of male infertility, with potentially disastrous consequences if not adequately detected and treated in a timely manner. Premarital screening and intermittent testing for sexually active young individuals have also been suggested by some academics.

Due to the cottage nature of most patient care facilities and the good response time demanded by recipients of healthcare, on-demand and point-of-care diagnostic solutions for rapid clinical investigations and case management have become an essential healthcare component in the healthcare provision ecosystem. There has been an increased demand for rapid detection of analytes that are near patients among healthcare institutions that would facilitate better disease diagnosis, monitoring, and management thereby improve patients' outcomes. For the above reasons, there has been a surge in the advancements in point-of-care diagnostics and their application accordingly.

Creditably, Cepheid has not only been a long-term diagnostic partner in this aspect but has also continued to be at the forefront of these innovations with the latest development of the 10-color multiplexing POCT GeneXpert analyzer.

The GeneXpert Instrument System offers a wide range of menus for rapid on-demand PCR diagnosis of STIs, including N. gonorrhea, C. trachomatis, breast cancer panel, BCR-ABL, etc. It is a solution packed in one cartridge with the capability to perform PCR-based assays with all reagents and PCR workflow contained inside one single use cartridge.

Benefits

- Only minimal space is required to deploy the GeneXpert system and assays. The testing and the unit can be installed in a small side laboratory with minimal infrastructure input.
- It is also possible to cascade training to low-skilled laboratory and non-laboratory professionals because hands-on time per sample before analysis is just less than 5 minutes.
- A very encouraging turnaround time of 1-2 hrs. is required to produce the reports for CTNG, HPV, and others while the patient waits to proceed to the same day for review, discharge, or commence treatment.
- Sample batching has no place when you have deployed this revolutionary technology and clinicians have expressed hope in the fight against dreadful diseases when using the novel technology.

To improve your patients outcome, contact us here to learn the flexibilities in acquiring this tech

More Resources

Brochures are attached for your information