



Xpert®
CT/NG

Xpert®
TV

Don't Risk It.

 **Xpert® CT/NG & Xpert® TV**

Fast and Accurate Diagnosis of Chlamydia,
Gonorrhea, and Trichomoniasis.



Cepheid
A better way.



Xpert® CT/NG & Xpert® TV

On-demand STD results. You **want** it. They **need** it.

The majority of *Trichomonas vaginalis* (TV), *Chlamydia trachomatis* (CT), and *Neisseria gonorrhoeae* (NG) infections are **asymptomatic**.¹

→.....The Need

Trichomoniasis, chlamydia, and gonorrhea are the three most prevalent, treatable STDs in the U.S. If left untreated, complications can include infertility, pelvic inflammatory disease, pregnancy complications, and increased risk of HIV acquisition.¹

CDC recommends:¹

- Annual CT/NG screening of all sexually active women under 25
- Screening of other at-risk individuals including MSM*
- Testing for chlamydia, gonorrhea, & trichomoniasis using NAATs[^] (PCR)
- Same-day testing and treatment

→.....The Solution

- Accurate on-demand PCR results are ready when you need them
- On-demand and in-visit results reduce patient call-backs, overtreatment, undertreatment and patients lost to follow-up
- Patient collected specimens can create operational efficiencies
- Same patient sample can be utilized for all tests

→.....The Impact

Provide fast patient results to:

- Lessen patient anxiety with immediate results
- Improve patient satisfaction
- Prevent disease spread in the community
- Reduce unnecessary use of antibiotics

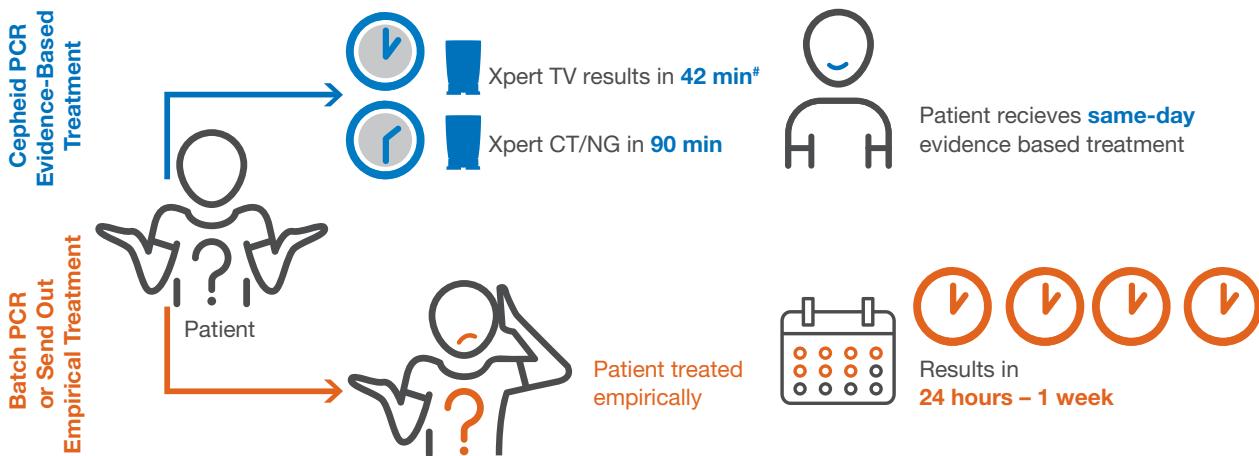
NAATs are recognized as the most sensitive testing option for CT, NG & TV, often detecting **3-5x more** TV than wet-mount microscopy.¹

* MSM – men who have sex with men
^ NAAT – nucleic acid amplification test

Impact on Patient Pathway

Improving patient satisfaction

Xpert® CT/NG and Xpert® TV provide medically actionable information to clinicians to enable same-day treatment for chlamydia, gonorrhea, and trichomoniasis



Xpert CT/NG & Xpert TV

On-demand results for CT/NG or TV in 90 minutes or less

All specimen types are cleared for **asymptomatic and symptomatic** patients

Rectal and pharyngeal swabs now available for use with Xpert CT/NG

Xpert TV is the **first and only** NAAT cleared for **male and female urine**

Clinical Performance[†]

	Xpert CT/NG		Xpert TV		Xpert CT/NG		Xpert TV	
	CT	NG	TV		CT	NG	TV	
Patient Collected Vaginal Swab								
Sensitivity	99.5%	100%	98.9%	Female Urine	98.1%	94.4%	98.4%	
Specificity	99.1%	99.9%	98.9%	Sensitivity	99.8%	>99.9%	99.7%	
Endocervical Swab				Male Urine				
Sensitivity	96.0%	100%	98.9%	Sensitivity	98.5%	98.3%	89.6%	
Specificity	99.6%	>99.9%	98.9%	Specificity	99.8%	99.0%	99.3%	
Pharyngeal Swab				Rectal Swab				
Sensitivity	95.9%	94.7%		Sensitivity	86.0%	91.2%		
Specificity	99.7%	98.8%		Specificity	99.4%	99.6%		

Early assay termination (EAT) for positive results.

† All performance results at 95% confidence interval. For details refer to Package insert. Pharyngeal and rectal swabs are only FDA-cleared for use with Xpert CT/NG.

Simple Implementation into Existing Workflows

As simple as 1, 2, 3 – Hands-on time < 1 min

1

Obtain either urine or swab samples stored in the Cepheid Transport Reagent



2

Transfer sample to cartridge



3

Insert cartridge
and start test



➤ **Xpert® CT/NG** is on-demand detection and differentiation of *Chlamydia trachomatis* (CT) and *Neisseria gonorrhoeae* (NG)

CATALOG INFORMATION

Xpert CT/NG (10 tests)	GXCT/NG-10
Xpert CT/NG (120 tests)	GXCT/NG-120

➤ **Xpert® TV** is on-demand *Trichomonas vaginalis* (TV) testing for men and women

CATALOG INFORMATION

Xpert TV (10 tests)	GXTV-10
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SPECIMEN KITS REQUIRED FOR PRIMARY SAMPLE COLLECTION AND TREATMENT

CATALOG INFORMATION

Xpert® Swab Specimen Collection Kit (50 tests ready-to-use individual kits)	SWAB/G-50
Xpert® Urine Specimen Collection Kit (50 tests ready-to-use individual kits)	URINE/A-50

➤ CPT Code Information

TEST NAME	DESCRIPTION	CPT CODE
Xpert® CT/NG	<i>Chlamydia trachomatis</i> , amplified probe technique	CT: 87491
	<i>Neisseria gonorrhoeae</i> , amplified probe technique	NG: 87591
Xpert® TV	<i>Trichomonas vaginalis</i> , amplified probe technique	87661

Reference:

1. Workowski KA, et al. Sexually transmitted diseases treatment guidelines, 2015. MMWR Recomm Rep. 2015 Jun 5;64(RR-03):1-137.

For *In Vitro* Diagnostic Use.

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