



A man and a woman are looking at a smartphone together. The man is on the left, wearing a dark blue jacket over a blue shirt. The woman is on the right, wearing a light-colored trench coat and a black and white patterned scarf. They are both smiling and looking at the phone. In the top left corner, there is a grey rectangular box containing the text 'Xpert CT/NG'.

Xpert[®]
CT/NG

Don't Risk It.

 **Xpert[®] CT/NG**

Fast and Accurate Diagnosis of Chlamydia
and Gonorrhoea.

  In Vitro Diagnostic Medical Device
Not available in all countries.

 **Cepheid[®]**
A better way.



Xpert[®] CT/NG

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

The majority of *Chlamydia trachomatis* (CT) and *Neisseria gonorrhoea* (NG) infections are **asymptomatic**.¹



The Need

Chlamydia and gonorrhea are the most prevalent, treatable STDs. If left untreated, complications can include infertility, pelvic inflammatory disease, pregnancy complications.^{2,3}

ECDC recommends:

- Routine screening of Chlamydia and gonorrhea on an annual basis is recommended for all sexually active females aged <25 years¹
- Chlamydia and gonorrhea screening have been extended to young men in some countries
- NAATs are the recommended diagnosis for chlamydia and gonorrhea⁴
- Same-day testing and treatment

BHIVA/BASHH recommends:⁵

- Full STI screen at baseline including NAAT[^] testing for gonococcal and chlamydial infections at sites of exposure (genital, rectal, pharyngeal) and syphilis serology
- 3-monthly screening for bacterial STIs (chlamydia, gonorrhoea and syphilis) for individuals receiving PrEP[#], especially for MSM and transwomen



The Solution

- Accurate on-demand RT-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:

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

* STD – Sexually Transmitted Diseases

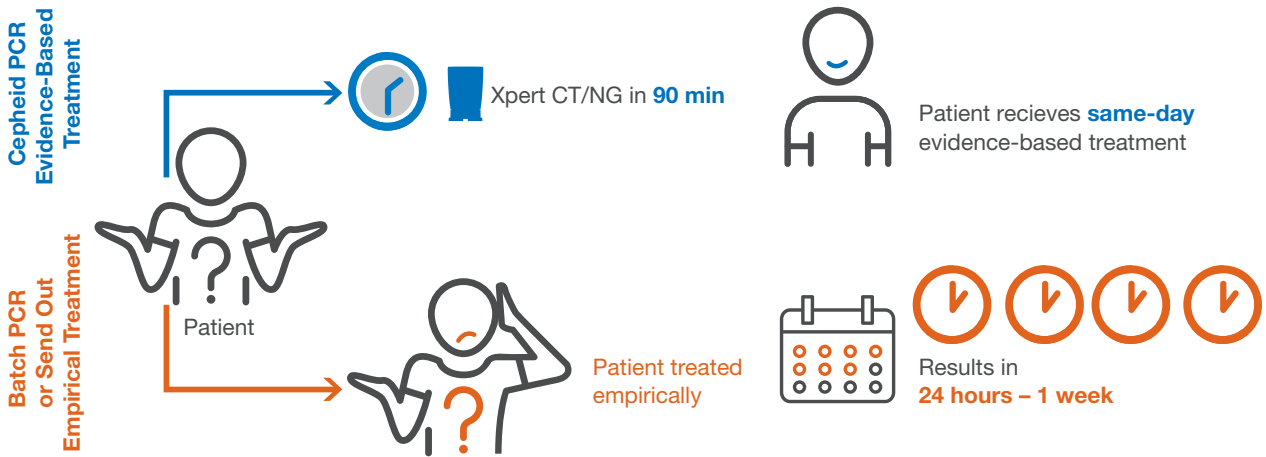
[^] NAAT – Nucleic Acid Amplification Test

[#] PrEP – Pre-Exposure Prophylaxis

Impact on Patient Pathway

Improving patient satisfaction

Xpert® CT/NG provides medically actionable information to clinicians enabling same-day treatment for chlamydia and gonorrhea.



Xpert CT/NG

On-demand results for CT/NG in 90 minutes

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

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

Clinical Performance[†]

	Xpert CT/NG	
	CT	NG
Female Patient Collected Vaginal Swab		
Sensitivity	99.5%	100%
Specificity	99.1%	99.9%
Female Endocervical Swab		
Sensitivity	96.0%	100%
Specificity	99.6%	>99.9%
Male/Female Pharyngeal Swab		
Sensitivity	95.9%	94.7%
Specificity	99.7%	98.8%

	Xpert CT/NG	
	CT	NG
Female Urine		
Sensitivity	98.1%	94.4%
Specificity	99.8%	>99.9%
Male Urine		
Sensitivity	98.5%	98.3%
Specificity	99.8%	99.0%
Rectal Swab		
Sensitivity	86.0%	91.2%
Specificity	99.4%	99.6%

[†] All performance results at 95% confidence interval. For details refer to Xpert CT/NG Package Insert 302-0538, Rev A.

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

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

References:

- 2015 European guideline on the management of Chlamydia trachomatis infections. Euro Surveill. 2015;20(48):30080.
- <https://apps.who.int/iris/bitstream/handle/10665/246165/9789241549714-eng.pdf?sequence=1>
- <https://apps.who.int/iris/bitstream/handle/10665/246114/9789241549691-eng.pdf;jsessionid=8BA66E54AA62024D5A1BB0579EE1FAF?sequence=1>
- 2012 European guideline on the diagnosis and treatment of gonorrhoea in adults. Int J STD AIDS. 2013 Feb;24(2):85-92.
- BHIVA/BASHH guidelines on the use of HIV pre-exposure prophylaxis (PrEP) 2018. HIV Med. 2019 Mar;20 Suppl 2:s2-s80.

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