



Rapid, Quality Results.
No Compromise.

■ Xpert® Xpress Strep A





Xpert® Xpress Strep A



The Need

To accurately diagnose pharyngitis caused by Group A Streptococcus (GAS) due to increasing incidence and prevalence globally.

- Annually, **616 million people** have GAS pharyngitis, **more than 18.1 million people develop severe GAS** disease and more than **517,000 people die** due to severe GAS disease.¹

Reduce overuse of antibiotics for the treatment of pharyngitis.

- Based on recent literature **37% of children** presenting with pharyngitis tested positive for GAS, however **56% of visits were associated with antibiotic prescriptions**. Similarly, **18% of adults** presenting with pharyngitis caused by GAS, but **72% were treated** with antibiotics.²



The Impact

- Accurate diagnosis of GAS supports antimicrobial stewardship and may reduce the amount of patients inappropriately prescribed antibiotics.
- Gain testing efficiencies and reduce costs by eliminating culture confirmation testing.³
- Reduce the risk of GAS complications such as rheumatic fever and glomerulonephritis.
- Improve patient satisfaction with quicker time to result and appropriate prescriptions.



The Solution

- Cepheid provides on-demand testing for Group A Strep in **as soon as 18 minutes***
- Careful selection of the target gene produces quality results
- Delivering accurate and timely results optimizes fast treatment decisions

* With Early Assay Termination (EAT) for positive results. Refer to Package Insert Xpert Xpress Strep A CE-IVD 301-6569.

Coverage, plus
Accuracy, plus
Peace of mind

That's the **PCR_{plus}** advantage.
From Cepheid.

“

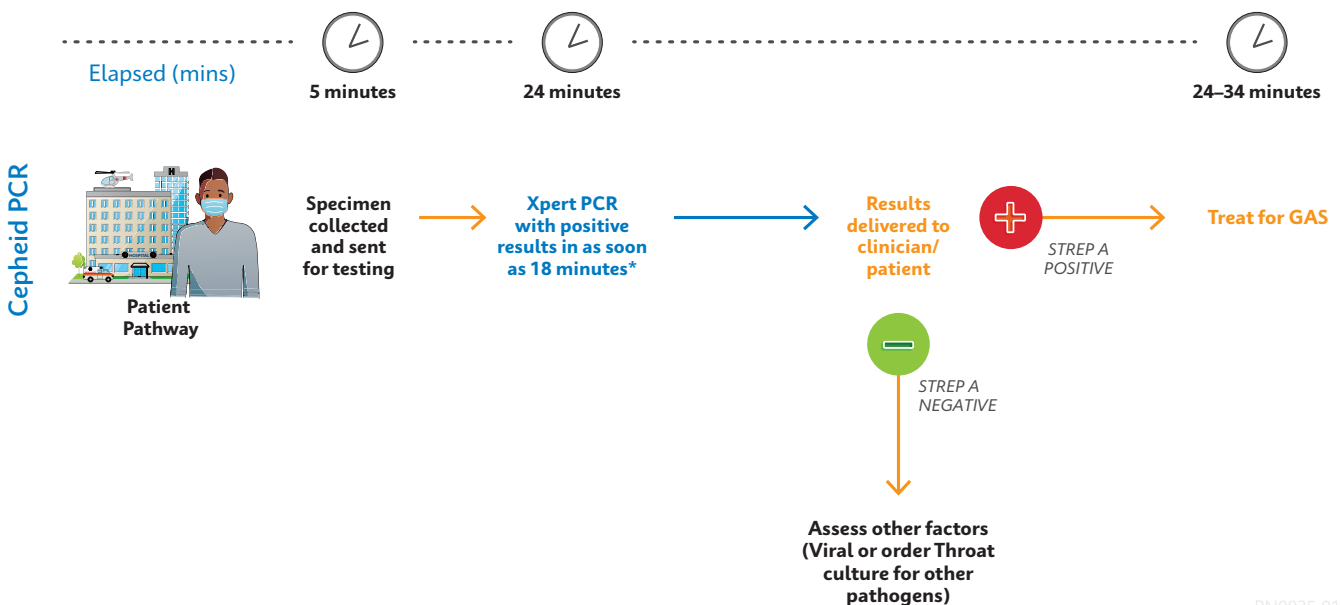
Guidelines recommend antibiotic treatment for all suspected group A Streptococcus (GAS) infections.^{2”}

The Infectious Disease Society of America further clarifies that, with the rare exception of infection by certain *Corynebacterium diphtheriae* and *Neisseria gonorrhoeae*, antimicrobial therapy is of no proven benefit as treatment for acute pharyngitis due to organisms other than Group A Streptococcus.⁴

Impact on Outpatient Pathway

Improving Patient Satisfaction

Xpert **Xpress** Strep A provides medically actionable and timely information to clinicians to support improved patient management and antibiotic stewardship.



PN0035-01

* With Early Assay Termination (EAT) for positive results. Refer to Package Insert Xpert **Xpress** Strep A CE-IVD 301-6569.

Workflow: 3 Easy Steps

1

Obtain throat
swab specimen



2

Transfer sample
to cartridge



3

Insert cartridge
and start test



PN0001-01

CATALOG INFORMATION

Xpert® **Xpress** Strep A 10 tests XPRSTREPA-CE-10

COLLECTION DEVICES (NOT INCLUDED IN KIT)

CATALOG INFORMATION

Copan E-Swab in Liquid Amies 50 test kits 480CE and 480C

CE-IVD. *In Vitro* Diagnostic Medical Device. Not available in all countries.

* With Early Assay Termination (EAT) for positive results. Refer to Package Insert Xpert **Xpress** Strep A CE-IVD 301-6569.

References:

- 1 The Global Burden of Group A Streptococcal Diseases. *Lancet Infect Dis.* 2005 Nov; 5(11):685-94.
- 2 Ralph AP et al. Potential for Molecular Testing for Group A Streptococcus to Improve Diagnosis and Management in a High-Risk Population: A Prospective Study. *Open Forum Infect Dis.* 2019 Feb 26;6(4):ofz097.
- 3 Workflow studies conducted by Cepheid Solutions demonstrate that a throat culture confirmation workup costs~ \$9.13 per culture. (Average cost includes reagents, labor cost and time). Data on file.
- 4 Shulman ST, et al. Clinical Practice Guideline for the Diagnosis and Management of Group A Streptococcal Pharyngitis: 2012 Update by the Infectious Diseases Society of America. *Clin Infect Dis.* 2012 Nov 15;55(10):1279-82.

CORPORATE HEADQUARTERS

904 Caribbean Drive
Sunnyvale, CA 94089 USA

TOLL FREE +1.888.336.2743
PHONE +1.408.541.4191
FAX +1.408.541.4192

EUROPEAN HEADQUARTERS

Vira Solelh
81470 Maurens-Scopont France

PHONE +33.563.82.53.00
FAX +33.563.82.53.01
EMAIL cepheid@cepheideurope.fr

www.Cepheidinternational.com

© 2023–2024 Cepheid. 3106-03

