

# Strep A Sore Throat Test and Treat

Developed by  
  
Connect2Pharma

## Service aims



Reducing the unnecessary use of antibiotics



Reducing GP consultations for Sore Throat



Reducing the transmission of Strep A sore throat

## Background

Sore throat is a common condition. **15-30%** of sore throats in children and **5-15%** in adults will have a bacterial Strep A infection.<sup>1</sup>

### Unnecessary antibiotics

Studies suggest **62%** of cases of acute sore throats are treated with antibiotics, despite usually resolving with no intervention.<sup>2</sup>



### GP Consultations

There are over **1.2m** doctor consultations per year for sore throats.<sup>3,4</sup>



### Transmission

Strep A infections can be spread in droplets in the coughs or sneezes of someone with an infection, or through direct contact with an infected person or contaminated object. Strep A is also the cause of more serious infections for example **scarlet fever** and invasive disease such as **pneumonia** and **sepsis**.



**Community pharmacists can conduct a test to detect Strep A in the throat, potentially reducing transmission of Strep A, the unnecessary use of antibiotics and the 1.2m doctor consultations per year for sore throats.<sup>3,4</sup>**

## Patient presents sore throat at Pharmacy

### 1 Pharmacist check symptoms suggestive of Strep A

- Fever in last 24 hours
- Pus on tonsils
- Attend rapidly under 3 days (patient has attended the pharmacy within 3 days of first symptoms)
- Inflamed tonsils
- No cough

### 2 Offer OSOM® Strep A Rapid Antigen Detection Test (RADT)

Sensitivity 96%  
Specificity 98%



### If the test is positive:

- Offer advice to reduce spread of infection
- Offer symptomatic relief
- Refer to GP or supply antibiotic through PGD

### If the test is negative:

- Offer symptomatic relief



**For more information and how to implement in your pharmacy,  
visit [www.connect2pharma.co.uk](http://www.connect2pharma.co.uk)**