

Point-of-care Testing for Chlamydia Infection

Data extraction – Diagnostic accuracy

Reviewer ID:

Date:

Administration details for study:

Study ID:

Study design:

Multicentre study:

Yes. Number of centres _____

No

- RCT

All patients randomised to index vs comparator. All also receive the reference standard

- Direct (head to head) comparison. All patients receive index test, comparator and reference standard

Country/countries:

Setting (e.g. primary care, GUM clinic, community health point):

Duration of study:

Funding details government / private / manufacturer / other (specify):

Study start/end dates:

Additional info:

Length of follow-up:

Aim of study:

Comparisons:

- *Chlamydia* Rapid test vs other POCT comparator and reference standard

Specify index test

Specify comparator

Specify reference standard used

- *Chlamydia* Rapid test vs NAAT comparator (i.e. the reference standard)

Specify index test

Specify reference standard used

Outcomes reported:

Test performance results

Data provided for relevant subgroup:

Acceptability of the test to patients/healthcare staff (delete as appropriate)

Those aged <25 years old

Men who have sex with men (MSM)

Sex workers

High-risk African populations

Interpretability of the test

Inclusion criteria:

Exclusion criteria:**Characteristics of participants:**

	Index test	Comparator 1	Comparator 2	All
Enrolled				
Received tests				
Received reference standard				
Analysed				
Number of uninterpretable tests				
Lost to follow-up				
Age (mean/median, SD/IQR range)				
Sex	F: M:	F: M:	F: M:	F: M:
% aged < 25				
% MSM				
% sex workers				
% other high risk groups (please specify)				

Additional information on participants:

Characteristics of the tests:

Index test: *Chlamydia* Rapid Test

Manufacturer, country:

Number of samples taken per patient:

Time taken till test result available:

Sample(s) obtained by:

Setting where sample was collected:

Voided urine

General practitioner

Urethral swab

GUM clinic

Endocervical swab

Family planning centre

Vaginal swab (self taken)

Acute care

Vaginal swab (taken by practitioner)

Other community health point. Please specify (e.g. pharmacy, youth club)

Other (specify)

Positive test result defined as:

Additional information on test:

Comparator test 1:

Manufacturer, country:

Type of test:

Time taken till test result available:

POCT

NAAT

Other (please specify)

Number of samples taken per patient:

Sample(s) obtained by:

Setting where sample was collected:

Voided urine

General practitioner

Urethral swab

GUM clinic

Endocervical swab

Family planning centre

Vaginal swab (self taken)

Acute care

Vaginal swab (taken by practitioner)

Other community health point. Please specify (e.g. pharmacy, youth club):

Other (specify)

Positive test result defined as:

Additional information on test:

Characteristics of the tests:

Comparator test 2:

Manufacturer, country:

Type of test:

POCT

NAAT

Other (please specify)

Time taken till test result available:

Number of samples taken per patient:

Sample(s) obtained by:

Voided urine

Urethral swab

Endocervical swab

Vaginal swab (self taken)

Vaginal swab (taken by practitioner)

Other (specify)

Setting where sample was collected:

General practitioner

GUM clinic

Family planning centre

Acute care

Other community health point. Please specify (e.g. pharmacy, youth club):

Positive test result defined as:

Additional information on test:

Reference standard test:

Manufacturer, country:

Type of NAAT:

Polymerase chain reaction (PCR)

Ligase chain reaction (LCR)

Strand displacement amplification (SDA)

Transcription mediated amplification (TMA)

Time taken till test result available:

Time interval between index test and reference standard test:

Number of samples taken per patient:

Sample(s) obtained by:

- Voided urine
- Urethral swab
- Endocervical swab
- Vaginal swab (self taken)
- Vaginal swab (taken by practitioner)
- Other (specify)_____

Setting where sample was collected:

- General practitioner
- GUM clinic
- Family planning centre
- Acute care
- Other community health point. Please specify (e.g pharmacy, youth club)_____

Positive test result defined as:

Additional information on test:

Results:

	Index test	Comparator 1	Comparator 2	Reference standard
<i>N</i> in analysis				
True-positives				
False-positives				
True-negatives				
False-negatives				
Sensitivity				

Specificity

Positive LR

Negative LR

PPV

NPV

**Diagnostic odds
ratio**

Additional information on results (e.g. contradictory results resolved by...):

Adverse events:

General information on adverse events:

Adverse events reported	Index test	Comparator 1	Comparator 2	Reference standard
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Acceptability and interpretability of tests:

Additional study information: