

Breaking Down Barriers to STI Testing & Treatment

osom[®]

TRICHOMONAS RAPID TEST

101
MILLION CASES OF
CHLAMYDIA

248
MILLION CASES OF
TRICHOMONAS

88
MILLION CASES OF
GONORRHEA

11
MILLION CASES OF
SYPHILIS

448 MILLION NEW CURABLE **STIs** EACH YEAR¹

Trichomoniasis: Under diagnosed and under treated?

TRICHOMONAS VAGINALIS is estimated to be the most common, curable, non-viral sexually transmitted infection.² It is a motile parasite, approximately the size of a white blood cell, and is estimated to cause 20% of vaginitis complaints. Historically thought of as a nuisance infection, it can have serious health implications and has been largely under diagnosed and under treated.

WHAT THE EXPERTS ARE SAYING

“Wet mount alone is insufficient for the reliable diagnosis of TV infection in women.”³

*“Syndromic management according to the vaginal discharge algorithm would lead to substantial under-diagnosis and over-treatment of *Trichomonas vaginalis*.”⁴*

“Increased vaginal and endocervical inflammation in women and urethral inflammation in men with Trichomoniasis likely contributes to enhanced HIV transmission.”⁵

DIAGNOSTIC CHALLENGES

There are a number of diagnostic options available. However, choices may have to be made in terms of:



ACCURACY

Patient receives correct diagnosis



TIME

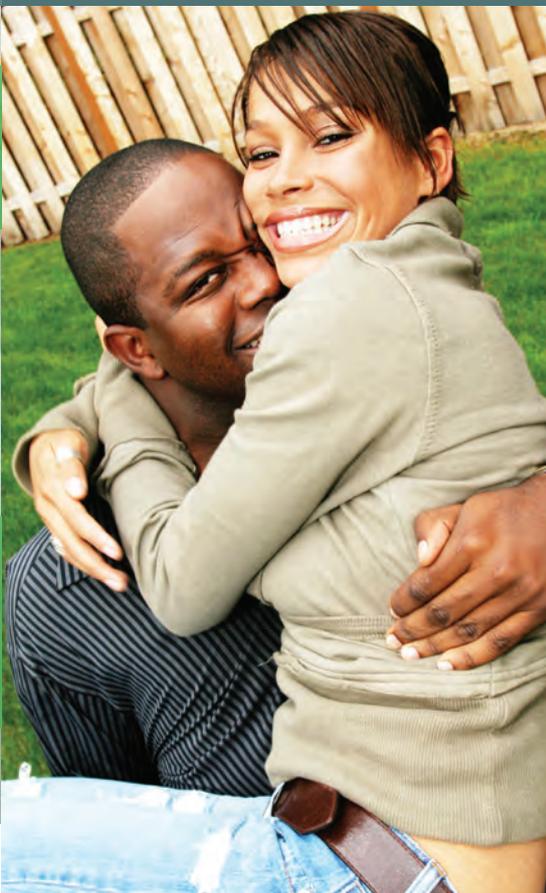
Patient receives correct diagnosis in a timely manner



COST

Diagnosis is obtained cost-effectively and affordably

METHOD	FEATURES			
MICROSCOPY	<ul style="list-style-type: none"> Accuracy varies widely (30-75%)⁵, and is impacted by factors such as subjectivity, training, microscope condition and sample collection/handling Requires observation of live, motile organisms; <i>20% of trichomonads are reported to lose motility within 10 minutes of sample collection</i>⁵ Requires PPMP regulation compliance 			
CULTURE	<ul style="list-style-type: none"> Long been considered the gold standard Provides greater accuracy than microscopy Labor intensive; can take days for results³ 			
MOLECULAR (NAAT/TMA)	<ul style="list-style-type: none"> Highly accurate results Expensive in terms of equipment and cost per test; requires specialized training Does not allow for test-and-treat approach 			
POINT-OF-CARE/ANTIGEN OSOM® Trichomonas Rapid Test	<ul style="list-style-type: none"> 30 sec. of hands-on time, results in 10 min. or less Accuracy 95% overall agreement vs. combined reference method (culture and microscopy) No equipment or specialized training required CLIA waived; easy-to-read, objective results Detects antigen; does not require live, motile organisms 			



WHY IS POINT-OF-CARE ANTIGEN TESTING IMPORTANT? RESULTS WHILE THE PATIENT WAITS—A PATH TO BETTER PATIENT CARE

“Rapid antigen testing is equivalent to culture, and it compares favorably with the sensitivity of TMA for the detection of TV.”³

“The **OSOM® Trichomonas Rapid Test** will be an important addition to the repertoire of techniques available for *T. vaginalis* detection, especially for facilities without access to a microscope or incubator and in settings where difficult patient follow-up makes point-of-care testing attractive.”²

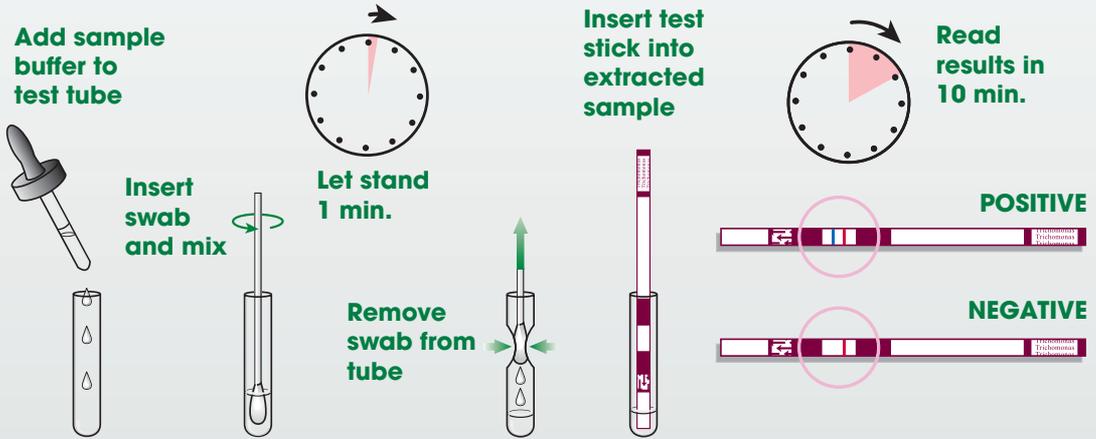
“The **OSOM® Trichomonas Rapid Test** is a simple, objective test that can be expected to improve the diagnosis of *T. vaginalis*, especially where culture and PCR are unavailable.”⁸

“The decreased hands-on time of performing the **OSOM®** test significantly decreased the amount of labor devoted to microscopy. The projected labor savings can be utilized to perform other laboratory procedures.”¹⁸

OSOM[®] Trichomonas Rapid Test Procedure



Visit www.osomtraining.com for online multilingual product training.



ORDER	CONFIGURATION	CATALOG #
<input type="radio"/> OSOM [®] TRICHOMONAS RAPID TEST KIT	25 TESTS	181
<input type="radio"/> OSOM [®] TRICHOMONAS POSITIVE CONTROL KIT	10 SWABS	182 (CE MARKED)
<input type="radio"/> OSOM [®] VAGINITIS SWAB TRANSPORT SYSTEM	50 SWAB SETS	185

In a recent independent study, the sensitivity and specificity were 100% and 99.6% for the OSOM[®] test when compared to culture.

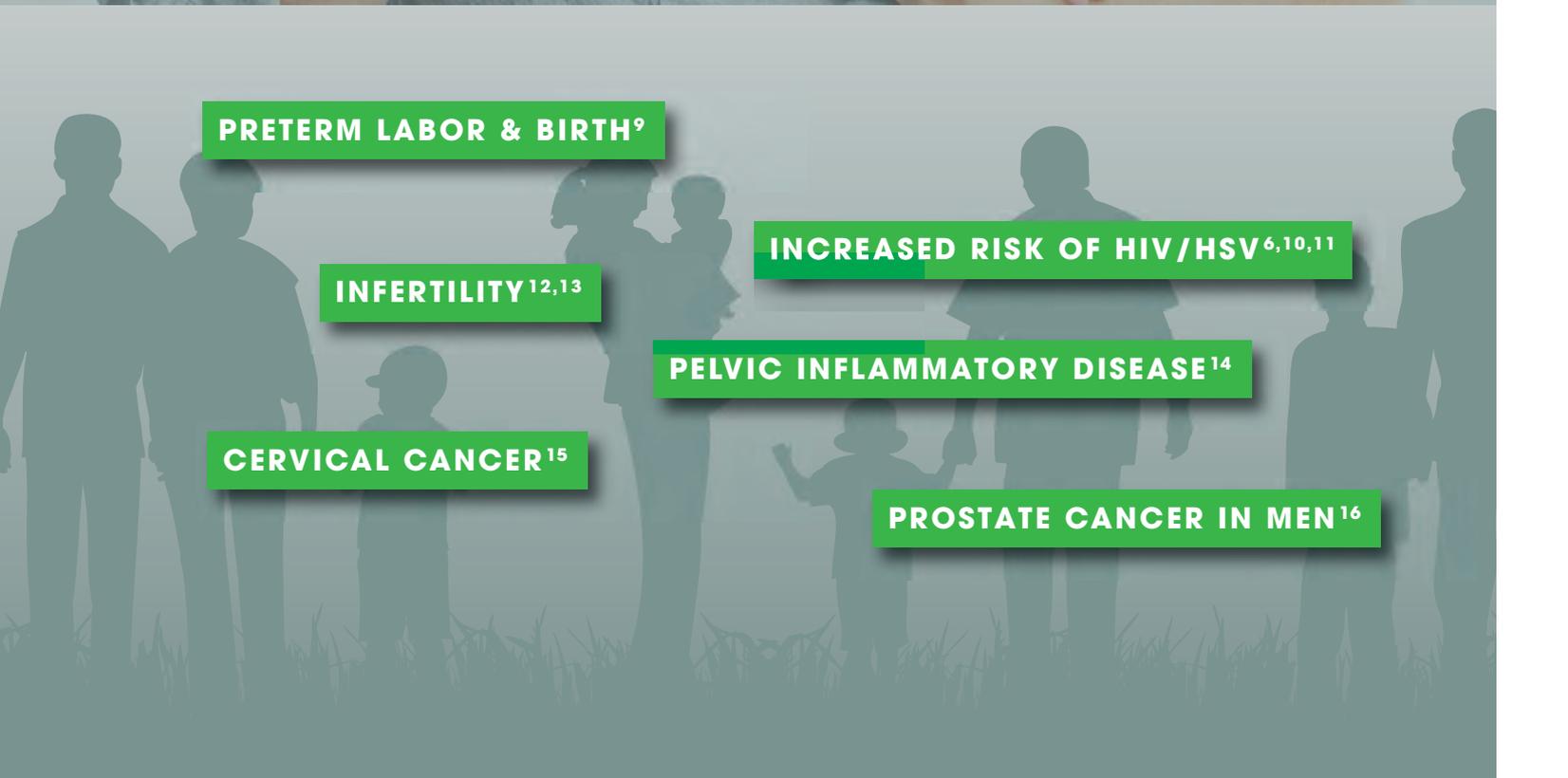
In the same study, when using NAAT as the reference standard, the sensitivity was 95.5%.¹⁷

The ability of the **OSOM[®] Trichomonas Rapid Test** to *accurately, quickly and cost effectively* detect Trichomonas offers *significant benefits* to the patient and clinician alike:

- Begin **immediate and proper treatment**
 - *Avoid* misuse of unnecessary antibiotics
- Provide opportunity for appropriate sexual **health education** *during the visit*
- Help **prevent further spread of Trichomonas** and *reduce* associated health *risks*



THERE ARE A NUMBER OF COMPLICATIONS ASSOCIATED WITH A TRICHOMONAS INFECTION, EACH OF WHICH CARRIES SIGNIFICANT HEALTH, SOCIAL AND ECONOMIC COSTS:



PRETERM LABOR & BIRTH⁹

INFERTILITY^{12,13}

INCREASED RISK OF HIV/HSV^{6,10,11}

PELVIC INFLAMMATORY DISEASE¹⁴

CERVICAL CANCER¹⁵

PROSTATE CANCER IN MEN¹⁶

ONLINE TRAINING

View a simple animation of the test procedure, take a quiz, and print your personalized training certificate online, anytime. To get started, visit www.osomtraining.com.

May be used for:

- New operators
- Validating a new test
- Refresher training



OSOM® CUSTOM CARE

Highly-trained **Technical Service Specialists**, all medical technologists with clinical laboratory backgrounds, are available to assist you with:

- Concerns or questions about any of our products
- Assay use, adoption and staff training
- Record keeping, regulations, and reimbursement
- Evaluation of new methods: remote or onsite assay verification program



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DIAGNOSTICS

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