

# The one vial that is **tested and trusted.**

THE ThinPre PAP TEST PreseroCyt® Solution IVD 15"01 CLtd Her

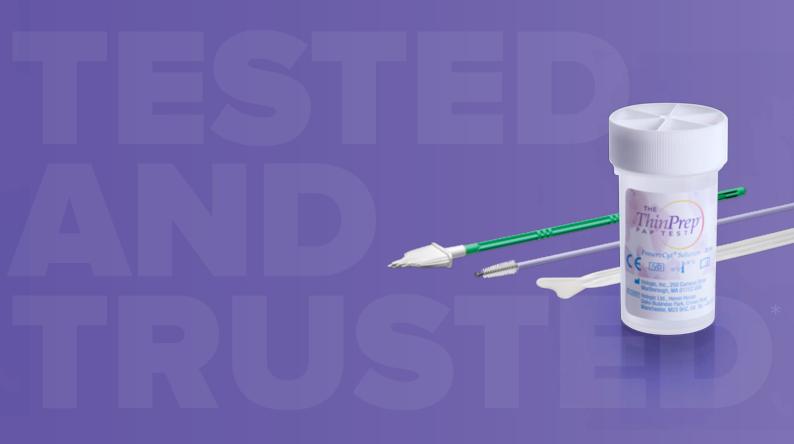


YEARS

# Leading Advances in Cytology

The ThinPrep Pap test has shown to be significantly more effective than conventional Pap testing<sup>1</sup> and has become the preferred choice in liquid-based cytology today, with **more than 750 million ThinPrep Pap tests performed** so far.<sup>2</sup>





# A Wealth of Knowledge in a Single Vial

## **Trust the Track Record**

- The only FDA-approved Pap test which is significantly more effective than conventional Pap smear for the detection of LSIL and more severe lesions.<sup>1</sup>
- **59.7% higher HSIL detection** than conventional Pap testing.<sup>1</sup>
- ▶ The only Pap test FDA-approved for improved ability to detect glandular disease compared to conventional Pap.<sup>3-7</sup>
- ▶ Approved for use with all leading FDA-approved and CE-marked HPV tests.<sup>§</sup>
- ▶ Used in more than 250 clinical studies, with over 400,000 women tested with the ThinPrep<sup>®</sup> system.<sup>8</sup>

## Sample Integrity Preservation



# **Multifaceted Versatile Application**

#### FDA-Approved and CE-marked

- $\checkmark$  Improved Specimen Adequacy
- $\checkmark$  Improved HSIL Detection
- ✓ Improved Glandular Disease Detection
- $\checkmark$  For all leading HPV Tests§

- Approved for Adjunctive use with Aptima Assays
- √ CT/NG‡
- √ Trichomonas vaginalis
- √ Mycoplasma genitalium

## The ThinPrep® Pap Test Collection Process Provides:



## **Patient Comfort**

Only one sample needed for cytology and molecular testing.



**Efficiency** Scalable levels of automation to

optimize lab efficiency.



**Chain-of-Custody Verification** 

Closed-system processing supports strong chain-of-custody.

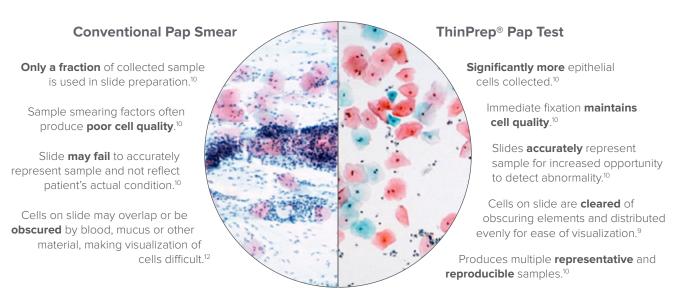
<sup>‡</sup> Approved for all FDA-Approved CT/NG Tests

<sup>\*</sup> Compared to conventional Pap

<sup>§</sup> Aptima® HPV assay, Aptima® HPV 16 18/45 Genotype assay, Cervista® HPV HR Test, Cervista® HPV 16/18 Test, Roche cobas HPV Test and Hybrid Capture 2 HPV DNA test.

# Versatile Application

# **Overcoming Conventional Limitations**



# Unique cell dispersion, collection & transfer technique<sup>9</sup>

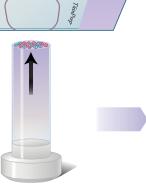


**Dispersion** Randomises/homogenises patient's cell population within the vial.



Collection

ThinPrep software senses when optimal diagnostic material levels are present on the exterior surface of the membrane.



Transfer

Natural attraction and slight positive air pressure causes a thin layer of cells to adhere to the glass slide.



- ✓ Representative samples with reproducible results<sup>10</sup>
- ✓ Effective even with minimal cell quantities (>5,000)<sup>13</sup>
- ✓ Multiple samples from same vial<sup>10</sup>

# Non-Gyn Applications with Standardized Workflow

#### **Standardized process**

- Controlled Membrane Transfer Technology automates and standardizes sample dispersion, cell collection and transfer for a wide variety of sample types – the same technology and process as gynae.
- Fine Needle Aspirates (Breast, Lung, Thyroid, Liver, Lymph nodes).
- **Body Fluids** (Ascitic, CSF, Pericardial, Pleural, Urine).

# • Respiratory Specimens (Sputum, Bronchial brush/wash).

# Improved slide quality and interpretation

- High cell yield.14,15
- Thin layer technology reduces clumping and overlapping, preserves cell morphology and enhances nuclear detail.<sup>15-17</sup>
- Cells limited to smaller area (20mm diameter) and presented in a thin layer.<sup>16</sup>
- Easy interpretation.16,17

#### Increased processing efficiency

- Scalable levels of automation.
- Minimal number of preparation steps.<sup>17</sup>
- Ancillary testing from the same sample.

#### Bronchial Wash – Adenoca Lung.

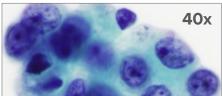


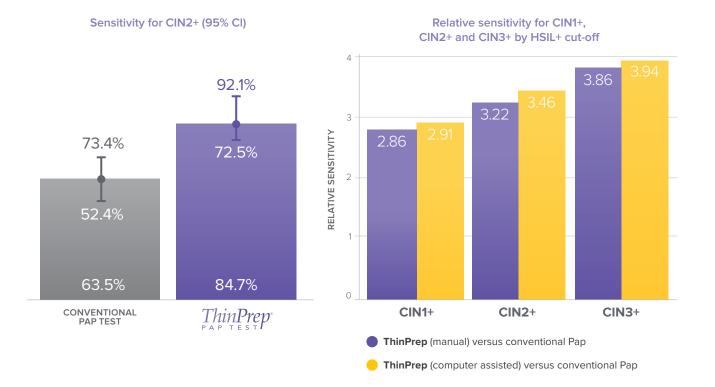
Image provided courtesy of Cytopathology Dept, Llandough Hospital, Wales

# **Increased Disease Detection**

## Significantly higher sensitivity for CIN (Cervical intra-epithelial neoplasia)

The highest sensitivity for Biopsy confirmed CIN2+ in the PALMS study.<sup>18</sup>

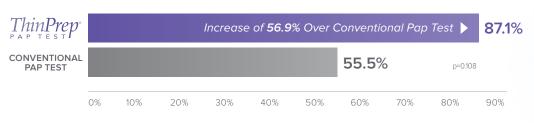
Significantly more sensitive for the detection of CIN in the Rhine-Saar study.<sup>19</sup>



## Significantly increased Glandular Disease Detection

The ThinPrep Pap test is the only pap test with FDA-approved labeling that is supported by multiple peer-reviewed publications reporting increased detection of adenocarcinoma (glandular disease).<sup>3-7,20</sup>

#### Sensitivity for Cervical Adenocarcinoma<sup>3</sup>



" Specifically, the FDA recently approved a labeling change for the liquid-based cytology test, ThinPrep Pap Test, as a result of evidence that this technology produces more reliable results in detecting abnormalities of glandular cells. These abnormalities are sometimes missed by conventional Pap test methods."

The Society of Gynecologic Oncologists (SGO)<sup>21</sup>

# The Complete Solution for Cervical Health Screening.



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