Advanced Cervical Imaging System

Conventional Colposcopy
White areas indicate more acetowhitening

DYSISmap
Red, yellow and white colors indicate more acetowhitening

Cervical Mapping for Precise Assessment, Biopsy and Treatment

www.dysismedical.com
Why should colposcopy change?

- Colposcopy is subjective and variable, which can lead to missed disease\(^1\)
- More sensitive screening tests detect smaller high-grade lesions\(^2\)
- Numerous studies report improvement in biopsy is needed\(^3\)

Colposcopy hasn’t changed in decades

[Chart showing testing sensitivity from 1970 to 2000]

TESTING SENSITIVITY

Cervical Screening Colposcopy

- 1970-1990 Pap smear
- 1990 Liquid-based cytology
- 2000 HPV testing & typing

More biopsies can improve sensitivity, but they are costly and painful to patients

Is the current way of documenting good enough?
DYSIS Smart Colposcopy

With cervical mapping for precise assessment, biopsy and treatment

Precision

in biopsy, treatment and patient management

• Reduced risk of missing high grade disease
• Lower risk of unnecessary treatment
• Added reassurance in biopsy and treatment decisions

Documentation

SMARTtrack for conservative management of young women

• Effectively monitor cervical changes over time
• Dynamic playback for post-exam review
• High-resolution images and video
• EMR-compatible

Reassurance

for you and your patient

• Increased patient understanding
• Greater patient compliance
• Reduced patient anxiety
• Patients and providers prefer DYSIS over conventional colposcopy
DYSIS Ultra Colposcope

Clinician touchscreen tablet
• Intuitive HD touchscreen
• Clinically proven DYSISmap algorithm
• Biopsy markers document and guide biopsy
• Comprehensive documentation and reports
• Magnification, green and high-contrast filters

Imaging head
• Automated acetic acid delivery system
• Collects dynamic high resolution images and video for playback and later review
• Polarization reduces glare and can be turned off during treatment for 3-D effect
• White light LED adjustable brightness

On-board patient database
• Automatic image and documentation storage for longitudinal tracking
• Industry standard EMR compatibility

“There is no doubt that we are more accurate with the DYSIS colposcope. There have definitely been times that the DYSISmap has helped me to pick up areas of dysplasia that I would not have otherwise biopsied. With the DYSIS Colposcope, not only has our detection rate increased, but the level of education and understanding for our patients has significantly improved.”
Andrew Shimer, MD, FACOG
Craig Ranch OB/GYN, McKinney, TX
Clinical Evidence

Sensitivity of Conventional and DYSIS Colposcopy to CIN2+

U.S. IMPROVE-COLPO Study

Increased detection of CIN2+ and CIN3+ on low-grade referrals with DYSIS vs. conventional colposcopy

Increased detection of CIN2+ and CIN3+ when map-assisted biopsies were added

“I’m impressed by the DYSIS Colposcope. Its ability to help me to select biopsy sites has resulted in me finding an increased number of significant pathologies.”

John Patterson, MD, FACOG
Wheaton Franciscan Healthcare, Racine, WI
In 2018 the UK Regulator, NICE (National Institute of Health and Care Excellence) concluded that colposcopy using DYSIS with the adjunctive DYSISmap detects more clinically important lesions than colposcopy alone. As a result, NICE recommends its continued adoption, reinforcing its previous 2012 guidance.

In March 2016, NHSCSP published the 3rd edition of Publication no.20, Colposcopy and Programme Management. Publication 20, which advises on the latest advancements in cervical screening, has recognised the DYSIS Colposcope for its clinical and financial benefits.