

Digital Imaging Device Smart Scope®

Detection of cervical infections and other such abnormalities have been made easy with the use of a simple non invasive Smart Scope® test. The Smart Scope device is a handheld imaging device with AI enabled image analyzing software invented by Periwinkle Technologies Pvt. Ltd. It comes with the Net4Medix app which facilitates remote consultation of experts and also enables follow-up care. It is used for examination of cervix ‘mouth of uterus’ among women ageing between 21 to 65 years of age. The preventive test helps in detection of high risk infections, precancerous cellular changes, and cervical cancer, thus, makes a timely treatment possible. The trans-vaginal digital imaging device is single visit device that help in avoiding painful, invasive, and expensive treatments.



Mobile-connected Point-Of-Care device, the Smart Scope®

The Smart Scope® is a patented health product designed for women health which helps in keeping track of cervical health of patient over a period of years. It is a user-friendly, portable, and electricity-free device and can be easily operated by any trained health worker. The scanned images can be sent for analysis and examinations to doctors sitting anywhere. The Smart Scope® employs World Health Organization (WHO) recommended chemical reagents and digital image analysis to provide precise single visit result.

This handy device has been recommended for routine- and community based screening at public health care setups, and it has raised hopes for elimination of cervical cancer related mortality

from India and other developing nations. The use of Smart Scope[®] has reached to as many as 300000 cases, and it has been installed at 50 plus health setups where more than 500 tests have been conducted successfully across the India. Other advantages of the point of care devices include:

- That the device works with AI to give accurate results, comparisons, abnormalities and complexities with assessment confirmed by experts.
- Device has ability to work without power supply which makes it perfectly suitable for resource constrained settings of Indian health care system.
- The device is affordable and thus can be purchased by both clinicians and patients.
- It works efficiently in smallest health care settings with ease by skilled health workers and nurses.

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