

Composition of Cerviray AI

Hardware

- 1 Power On / Off
- 2 Zoom / Focus
- 3 Supporting Bar (For steady shot)
- 4 Micro SD Card (Encrypted Data)
- 5 Optical Zoom Lens With LED
- 6 Shooting Trigger
- 7 Embedded Battery



LCD Touch screen



The screen can be adjusted up to 15°

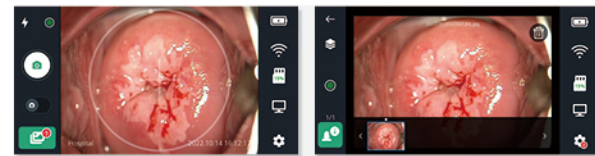


Tripod setting is available



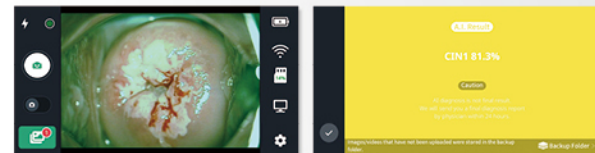
※The tripod is not included in the basic product components

Software (Screen)



Detail adjustment through Auto + Manual focus

Auto album



Green filter (On/Off)

Result screen

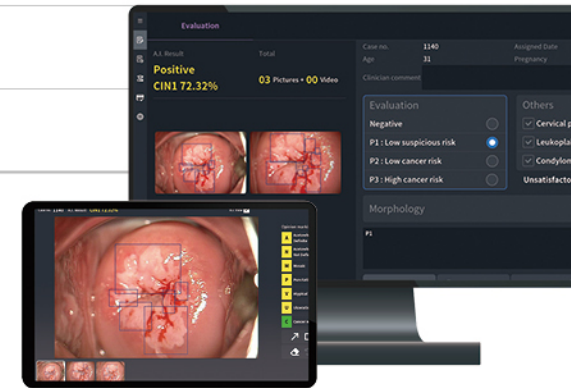


Specification of Cerviray AI

Hardware Specification

Model name: CDC-C02

SPECIFICATION	DESCRIPTION
Display	5"720*1280 IPS LCD + Touch Screen
Image Sensor	1/2.8 8.29 Mega-pixel CMOS Image Sensor
Zoom	Optical 3X ~ 5X
Focus	Auto + Manual
F-number	F3.2 ~ F3.7
Effective Image Circle Diameter	∅ 5.9 2mm
Distance Sensor	TOF
CPU	Dual Core ARM Cortex-A7 CPU
RAM	DDR3 2G RAM



Software Specification

Model name: Cerviray A.I.

SPECIFICATION	DESCRIPTION
Compatibility	PC, Tablet
Operating System	PC: Windows 10 or later Tablet: Android 8.0 or later
Storage	16GB or higher
Resolution	PC: Adjustable Tablet: 1920 X 1200
AI Support	CerviAID - Developed by AIDOT Inc.

Innovation of AI technology screening system

Cerviray AI



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Cerviray AI

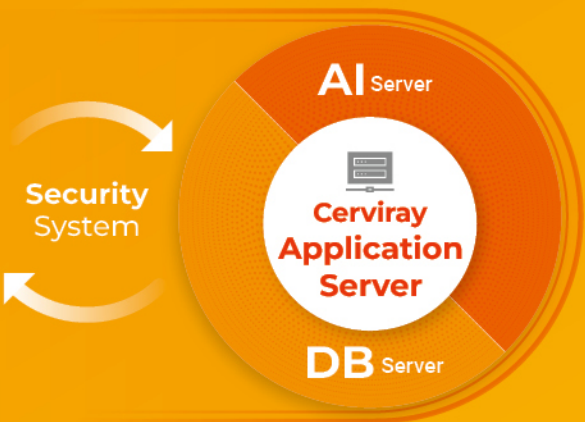
Cerviray AI is an artificial intelligence-based cervical cancer screening system that supports efficient data reading from medical specialists through VIA (Visual Inspection with Acetic acid) method.

Even for inexperienced medical specialists and practitioners, they are now able to screen and read cervical dysplasia and cancer through the device Cerviray AI.

Security & Maintenance for Stable Operation

AIDOT provides below services for '24 hours a day, 365 days a year'

- 1 Monitoring service
- 2 Error system management service



Deep learning AI system specialized for cervical cancer screening



Possible for both on-site and remote screening

On-site within 5 min Remote within 24 h



The benefit of improving reading accuracy and shortening patient waiting time
Artificial intelligence screening
Final evaluation by medical professional

Cerviray AI

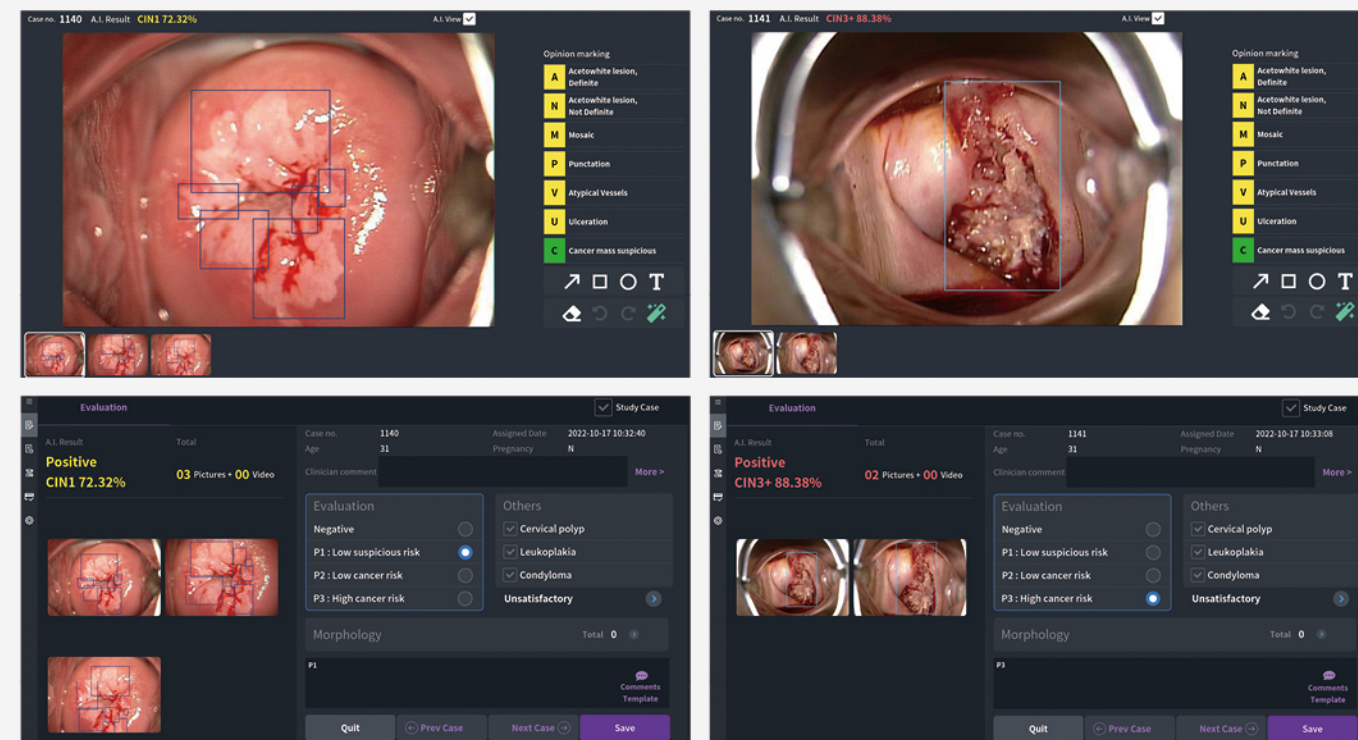
Product Features

- AI-based cervical cancer on-site & remote screening system
- Portable colposcope supported with AI software, CerviAID
- Provides four-stage AI screening results (Normal, CIN1, CIN2/3, CIN3+) that detects abnormal lesions and assesses the risk of cancer
- MFDS (KFDA) Class-3 Certification

Artificial Intelligence CerviAID

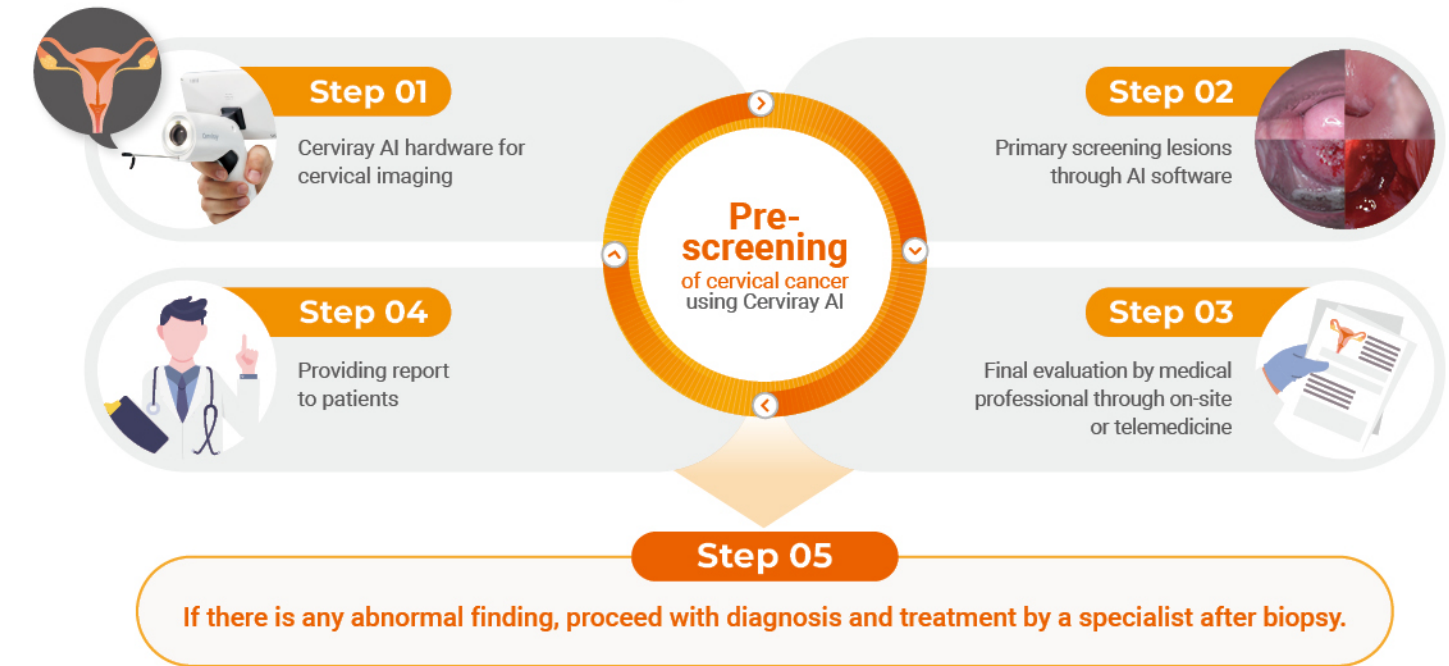
- Patented CerviAID (Cervix Artificial Intelligence assisted Diagnosis system) AI algorithm developed by AIDOT Inc.
- Trained and validated with IRB-approved database through joint research with top medical centers in Korea (Korea Univ. Anam and Bundang Seoul Univ. Hospitals)
- CerviAID diagnostic performance: Sensitivity 93%, Specificity 89%, AUC 0.944

AI Detection (Abnormal Lesions on Cervix)



Telemedicine

Cerviray AI service facilitates a non-face-to-face solution in which reading doctors do not need to be at the same location with the patients undergoing cervical cancer screening.



AI Clinical Decision Support (Cervical Cancer Screening)

Through total five colors of results screen on Cerviray AI, both doctor and patient could recognize patient medical status easier and faster than before.

