

How MobileODT is disrupting women's health using AI/ML
Ariel Beery, CEO, MobileODT

MobileODT makes smart, Internet-connected medical devices that health care providers can use at the point-of-care for a variety of examinations. Our leading product is the Enhanced Visual Assessment (EVA) System for colposcopy, used for women's health services in 26 countries around the world (and 31 States in the US). EVA enhances the native capabilities of a mobile phone, and we use the phone's native communication and processing capabilities to create a telemedicine and analysis platform that supplements a health provider's skills to enable any provider, anywhere, to conduct an examination that until now can only be conducted by an expert physician.

As our customers use EVA to examine patients, we collect data from the examinations and use it for research purposes. We recently had a breakthrough with one of our algorithms that has been validated by the National Cancer Institute (NCI) of the US as being able to detect cervical cancer and pre-cancer with an accuracy above 90% -- more than 20% better than a Pap smear, using no more than a visual image (no laboratories or chemicals required). This is the first of many AI-aides we will deploy on our platform to enable any health provider to conduct a variety of examinations with greater diagnostic accuracy than an expert provider.