

LES FILM HELPING WITH HIV EARLY INFANT DIAGNOSIS

A unique healthcare project in Nairobi, Kenya is using biometric fingerprint technology to help identify and track human immunodeficiency virus (HIV)-exposed infants in need of anti-retroviral therapy.

The Kenyatta National Hospital in Nairobi, the oldest hospital in Kenya, is engaging in this ground-breaking pilot program which seeks to record identities of newborn infants at risk of exposure to HIV. More than half of Kenyans infected with HIV don't know they have it, leading to transmission of the disease to babies in pregnant mothers.





DID YOU KNOW?

Not only can early testing of infants improve life expectancy of children and decrease the transmission rate, but it can also save the South African government money.

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According to the Journal of Infectious Disease, globally, there are approximately 150,000 infant HIV infections each year. Without antiretroviral therapy (ART), mortality in infants with HIV reaches between 50 and 65 percent by the age of two years. Three-quarters of these deaths could be prevented with prompt ART, but this requires early infant diagnosis.

Using Integrated Biometrics' FBI PIV Certified single-finger Scanner, Columbo, health care providers are building a record of an initial baseline evaluation for each child, mother, or caregiver at risk of HIV exposure. After enrolling and verifying subjects in the study, officials will follow-up with them over a period of four months. During each visit, new fingerprints are collected and compared to stored prints for re-identification.

Insights from the study are being used in the planning and design of a full-scale roll-out of a National biometric unique identifier system. This is designed to help provide long-term care for HIV-exposed infant, mother, and caregiver follow-up treatments.

Integrated Biometrics' Columbo fingerprint sensor provides optimal surface contact and low ridge distortion. Columbo is lightweight and easy to maneuver in tight spaces thanks to its underlying light emitting sensor (LES) technology.





ABOUT INTEGRATED BIOMETRICS

Integrated Biometrics, LLC designs and manufactures FBI-certified fingerprint sensors for law enforcement, military operations, homeland security, national identity, election validation, social services, and a wide range of commercial applications. The company's patented light emitting sensor technology enables lightweight scanners that outperform traditional prism-based devices in size, power consumption, portability, and reliability. Identity management solutions providers, government agencies, and corporations around the world rely on Integrated Biometrics' products to enroll and verify individual identity quickly and accurately, even in remote locations.

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