



VISITECT® CD4 ADVANCED DISEASE

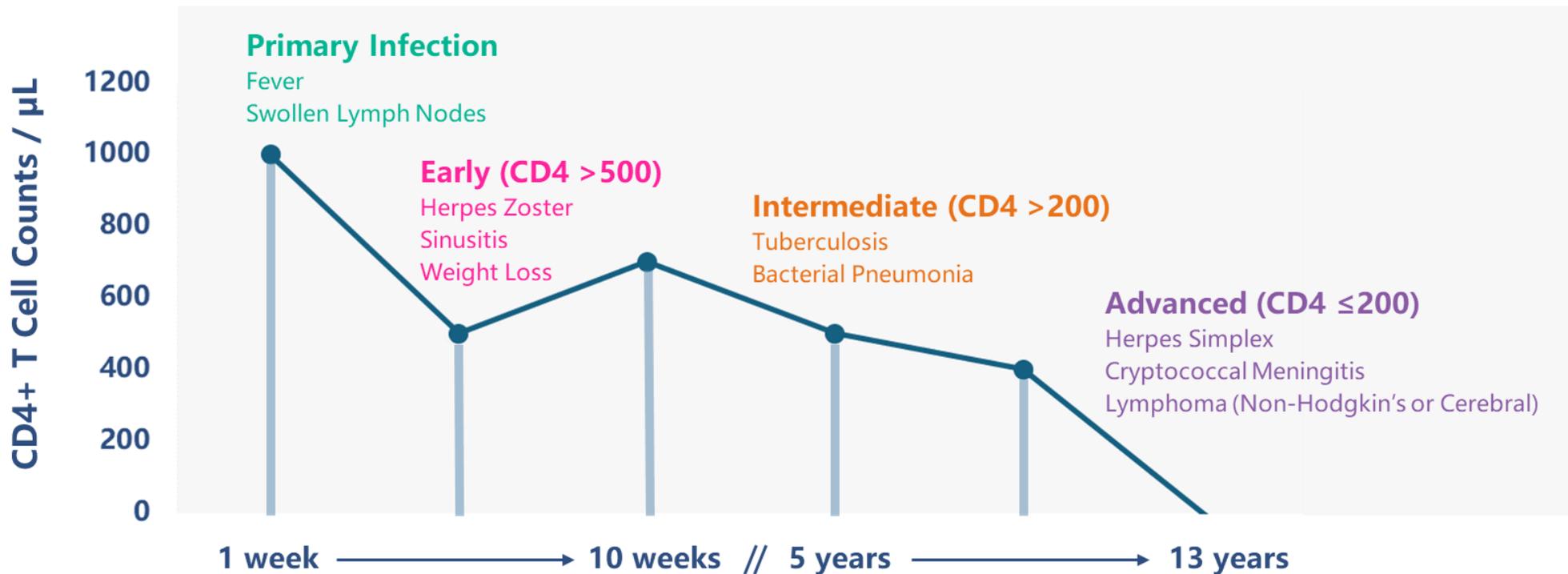
Eman Aleksic

5th March 2026



Why Measure CD4+ T Cells?

CD4+ T cell count is the pivotal **indicator** of immune status during HIV infection



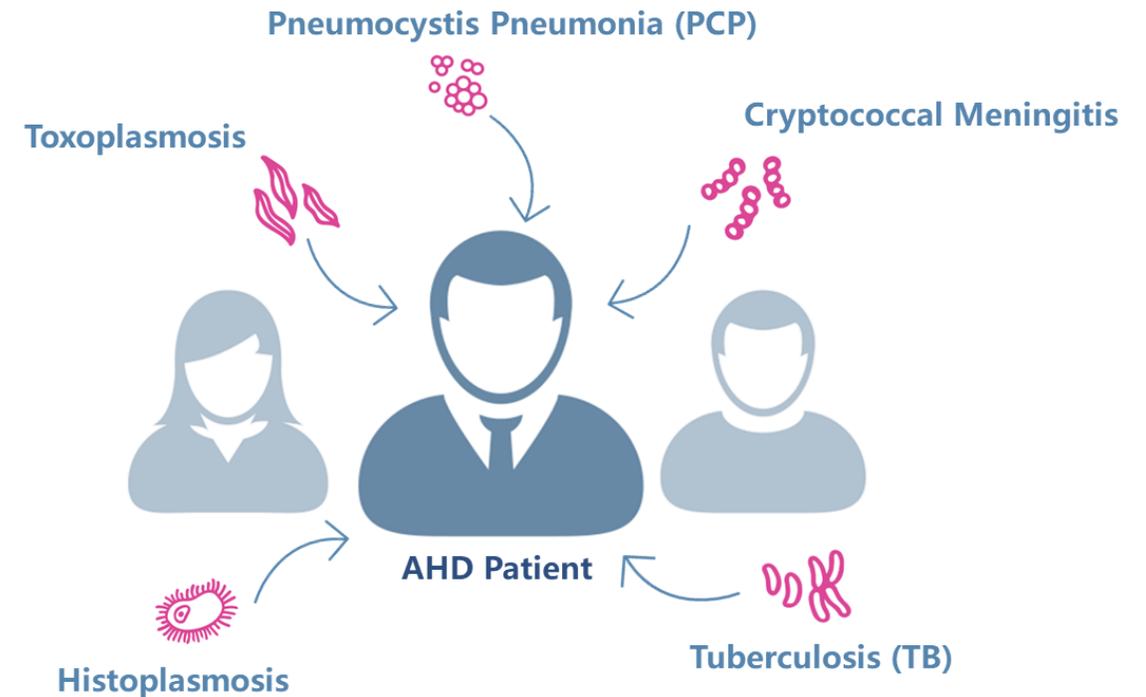
CD4 testing is the gateway for identifying patients with AHD ([WHO Guidelines, 2024](#))

Advanced HIV Disease (AHD)

“1 in 3 patients present with AHD at the first visit” (UNAIDS)

Advanced HIV disease is defined as CD4 cell count ≤ 200 cells/mm³ or WHO clinical stage 3 or 4 event¹

- High risk of opportunistic infections
- Initiate package of care to improve outcomes
- ART failure or poor adherence

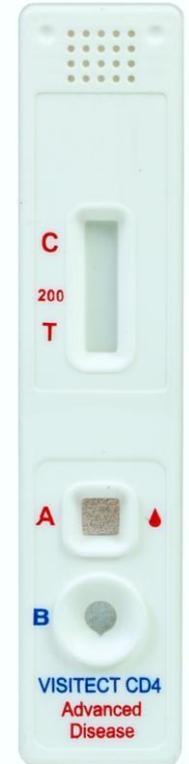




Same-day CD4 testing. Anytime. Anywhere.

Point-of-care testing where it's needed most

- ✓ CE Mark & WHO Prequalified
- ✓ Visual read
- ✓ No instrument required
- ✓ Affordable



Flow cytometry is conventionally used for CD4 testing

- Expensive
- Long turnaround time
- Issues with reagent supply & instrument servicing

Use Settings

Test Anytime, Anywhere



NATIONAL
REFERENCE
LABORATORY



..... Senior Health Specialists



REGIONAL
LABORATORY



..... Specialists



DISTRICT
HOSPITAL



..... Technicians



PRIMARY
CARE



..... Health Worker



Loss to care

Limited /
Non-existent

TESTING CAPABILITIES

High-volume
testing

Key Benefits



Accelerate clinical management

Quicker decision-making. Expedite opportunistic infection screening.



Reduce loss to follow-up

Faster turnaround time allows better patient retainment in care.



Reduce costs

Cheaper than flow cytometry. No costs for equipment or sample transport.



Test anywhere, anytime

Visual read. Designed for use at the point-of-need.



Improve patient outcomes

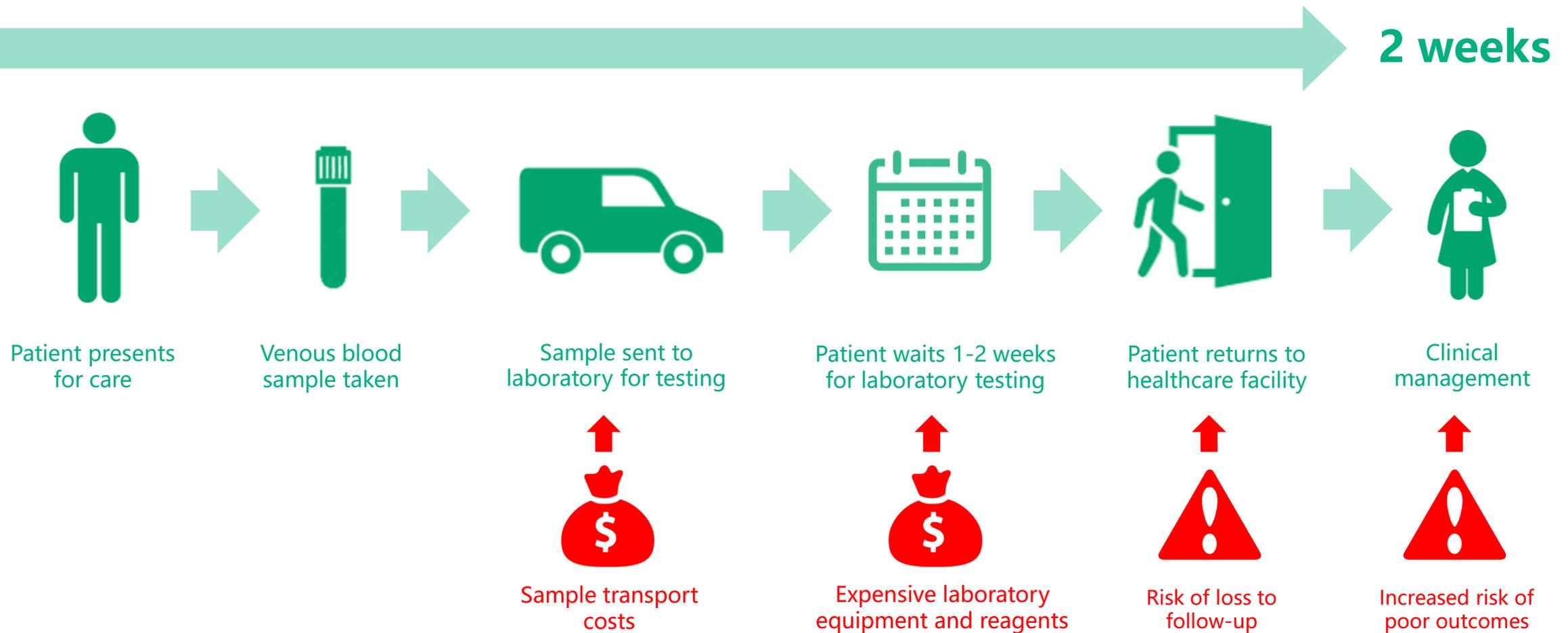
More rapid intervention can reduce morbidity and mortality.



Patient Pathway in Decentralised Settings

VISITECT CD4 Advanced Disease vs. Flow Cytometry

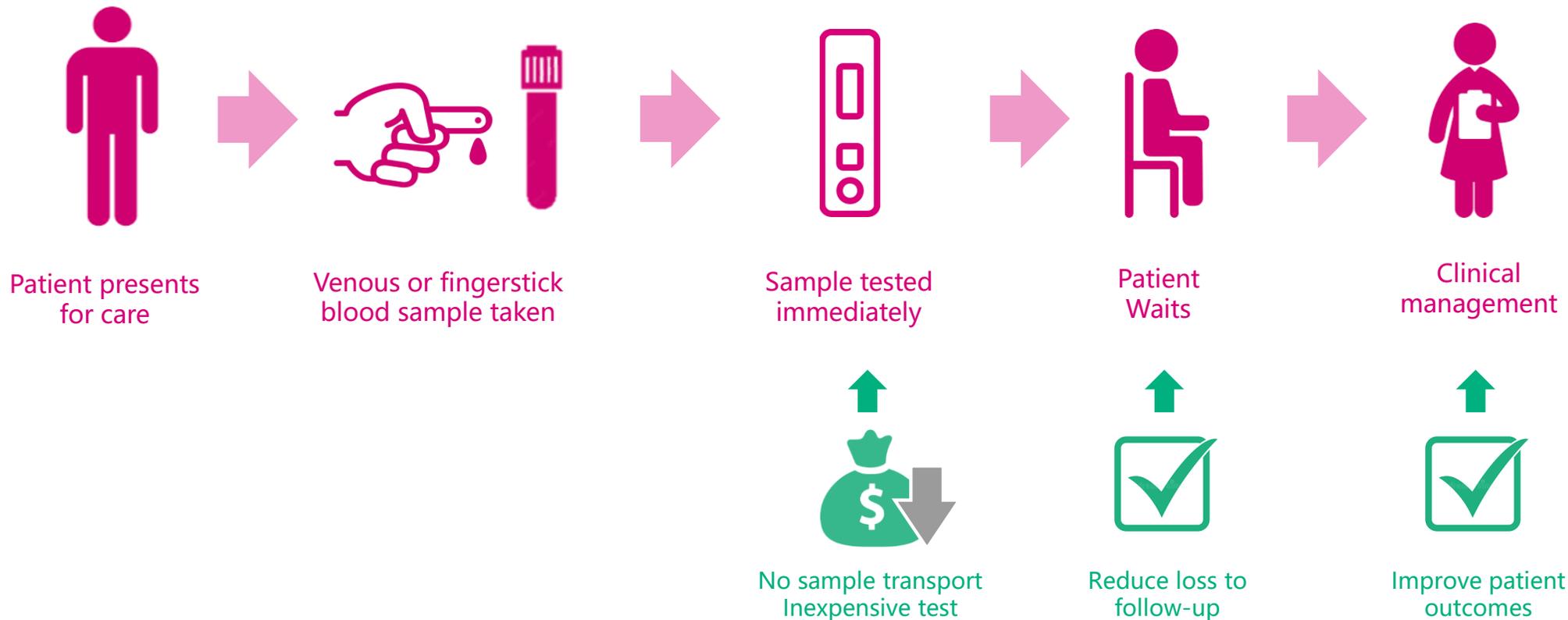
Flow Cytometry



Patient Pathway in Decentralised Settings

VISITECT CD4 Advanced Disease vs. Flow Cytometry

VISITECT CD4 Advanced Disease





**March
2019**

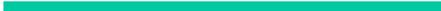
CE Marked



**September
2019**



*Expert Review Panel for
Diagnostics
(ERP)*



**April
2020**

Early Market Access
Vehicle (EMAV)
Unitaid / CHAI



August 2020

WHO Prequalified



50+

*Countries have
adopted VISITECT CD4
Advanced Disease*



5,000+

Trained in use of
VISITECT CD4
Advanced Disease



3 million +

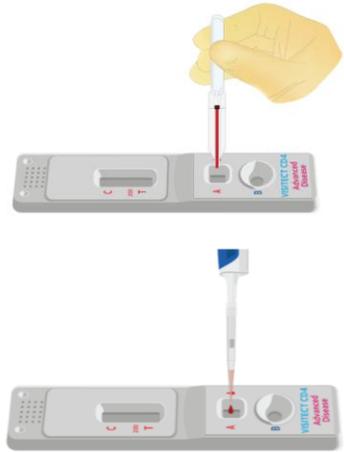
*Tests Procured by more
than 53 countries*



Funder & Stakeholder Support



Test Procedure



Fingerstick **OR** venous (EDTA) blood sample



1 drop

Add **1 drop** of buffer to **Well A**



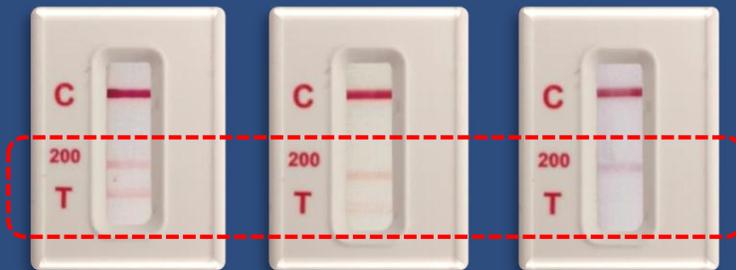
3 drops

Add **3 drops** of buffer to **Well B**

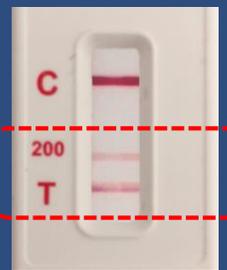


Test results **read by eye** within 5 minutes

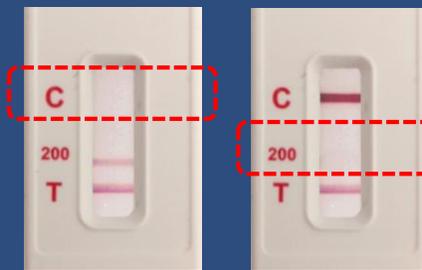
Interpretation of Results



Test (T) line is equal intensity, lighter or missing
CD4 count is ≤ 200 cells/ μ L



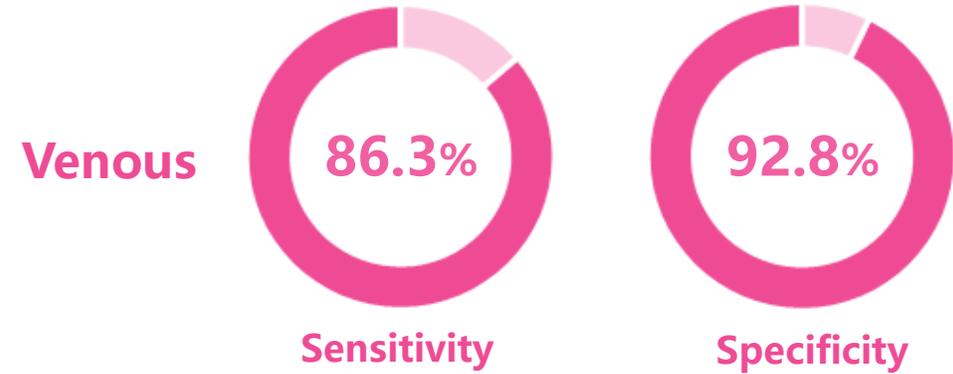
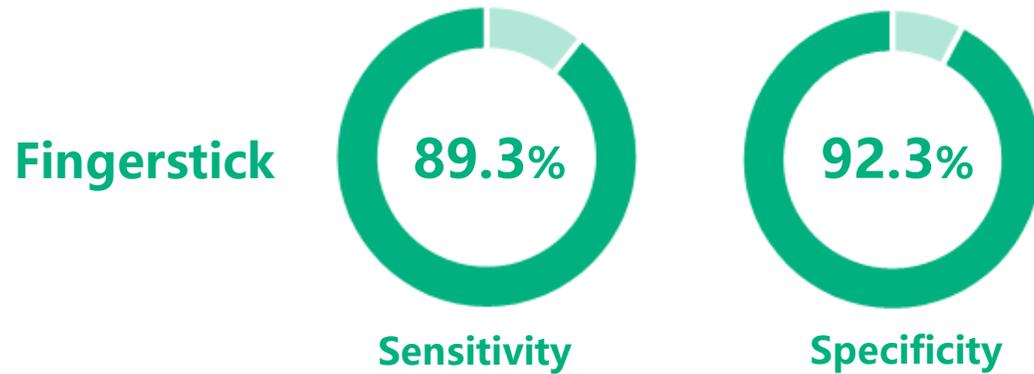
Test (T) line is darker
CD4 count is > 200 cells/ μ L



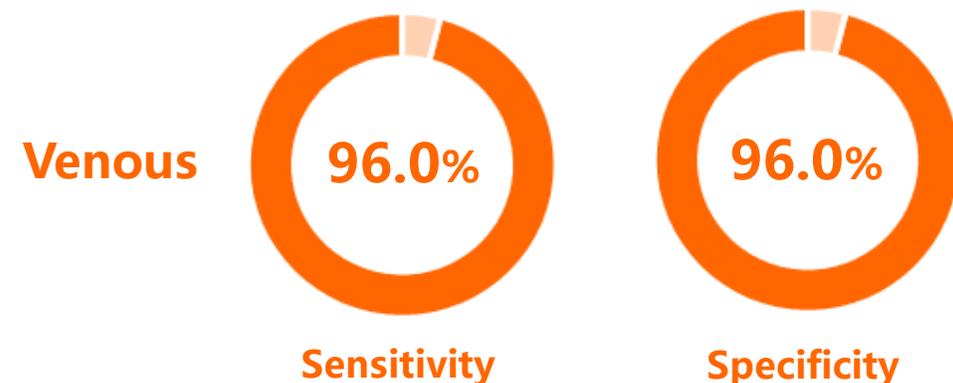
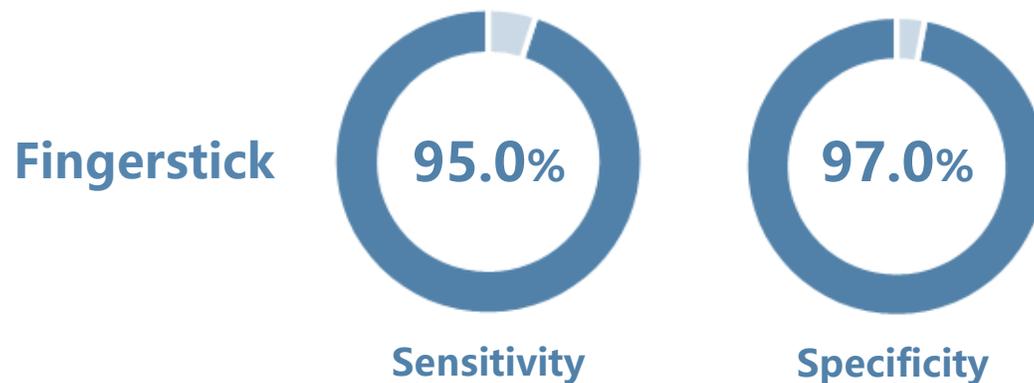
Control (C) or Reference (200) is missing
Test Invalid (Repeat Test)

Clinical Performance

CE Clinical Performance Evaluation Results



WHO Prequalification Results



Training & Support



GLC is our unique e-learning platform that provides training on **VISITECT CD4 Advanced Disease**

- ✓ Free one hour course
- ✓ Use anywhere, anytime
- ✓ Obtain your competency certificate (CPD accredited)
- ✓ Accelerated implementation of VISITECT CD4 Advanced Disease
- ✓ Available in multiple languages

Additional Support Materials & Training

- Multi-language Instructions For Use & illustrative job aids
- Technical guidance & troubleshooting



Scaling up CD4 POC testing for AHD in Sub-Saharan Africa

Capacity building through VISITECT® CD4 training rollout

- Scale up conducted with in-country MoH, leveraging ASLM academy & AccuBio / ASLM training materials
- 11 countries

Phase 1 ToT completed Nov 2025- Feb 2026 (235 ToT trained)

Phase 2 Step-down training to HCWs at health facilities (in progress)

- ✓ **Completed:** Malawi (156 trained), Zimbabwe (319 trained)
- ✓ **In progress:** Kenya, Tanzania
- ✓ **Scheduled:** Cameroon, Ghana, Togo, Cote d'Ivoire, Liberia, Sierra Leone, Angola

Successes: Support to accelerate scaleup of AHD testing services embraced by countries, demonstrating the need

Lesson Learnt: Early stakeholder engagement with MoH/Partners critical in fostering partnerships & bridging funding gaps through shared training costs

Future Implication: Continued cascade down in countries by country & planned request for further support to rollout in a further 12 countries

External Quality Assurance (EQA)



SmartSpotQ (South Africa) developed EQA and verification panels

Piloted in January 2025 (Nigeria, Zimbabwe and Lesotho)

Now available for participation

Three panels per year (4 samples/panel) assessing:

- ✓ Test Accuracy
- ✓ Result Interpretation
- ✓ Training Effectiveness
- ✓ User Proficiency & Adherence to Test Procedures



Scan QR code or visit <https://ssqmonitor.com/productinfo>

Request a quote <https://form.jotform.com/232921989534064>

Enquiries to Orders@SmartSpotQ.com

AccuBio

Full Product Range



VISITECT® CD4 ADVANCED DISEASE



Advanced Disease in people living with HIV

Infectious Disease



50+ lateral flow tests for a wide range of infectious diseases

Drugs of Abuse



Oral fluid, urine and hair point of collection testing for over 50 different drugs of abuse

Fertility & Women's Health



Tests for pregnancy, fertility, menopause and vaginal disorders

Cardiovascular



Lateral flow tests for myocardial necrosis, inflammation and coagulation

Oncology



General and specific biomarker lateral flow tests for a range of cancer types

Molecular Dx



Laboratory and point-of-care molecular testing for infectious diseases

Veterinary Companion Animals



Lateral flow, molecular and biochemistry point-of-care tests for veterinary practices

Veterinary Livestock



Instruments and molecular tests for transmissible infectious diseases in livestock

Liquid Biochip



Flow fluorescence chemiluminescent analyser can test for up to 100 analytes in a single sample

Testimonial
Ojadi Victor Ukwubile

Medical Laboratory Scientist

**Foundation for AIDS
Healthcare (AHF)**

Testimonial **Ochapa Abraham Adadu**

*Assistant Director Laboratory Services/
PEPFAR Immunology Lab Focal person*

University of Abuja
Teaching Hospital
Gwagwalada FCT, Abuja





Thank You



Eman Aleksic



+44 7741 076707



Eman.Aleksic@healgen.com

www.accubio.co.uk