



Climate-HIV

an **idox** solution

Clinical information management for audit, treatment and excellence in HIV Care

An electronic care record system for HIV medicine. Helping you increase patient safety whilst giving the multidisciplinary team a central hub for all patient data relating to your HIV clinic's cohort.



*Dr Achim Schwenk
Consultant Physician in
HIV medicine*

Most HIV treatment centres in the UK struggle to meet the growing demands for accurate and timely data. Developed in collaboration with Dr Achim Schwenk - Deputy Medical Director, CCIO, Caldicott Guardian and HIV Consultant at North Middlesex University Hospitals in London, Climate-HIV brings together all the tools

required for a highly specialised electronic patient record (EPR) system for HIV services.





"We're clearly able to manage patients much more proactively and much more safely because we can see trends of results beginning to go the wrong way much before the patient starts to feel ill and that's the whole point of providing good care and good follow-up. So its certainly made for a much safer, much better working environment."

Dr Immy Ahmed
Head of Sexual Health Services,
Nottingham University Hospitals NHS Trust

Get started straight away!

Setting up Climate-HIV on our hosted platform is fast and simple. Once all the paperwork is complete, you can get to work immediately.

Safe, secure and accessible anywhere

Climate-HIV is a web based application accessible from your trust computer across the secure N3 network. All Climate-HIV patient data is streamed over the N3 network using Secure Sockets Layer (SSL) industry standard encryption to protect the patient data transferred between clinician and the secure Idox Health cloud. All data stored in the Idox Health cloud is also securely encrypted.

Patient overview dashboard

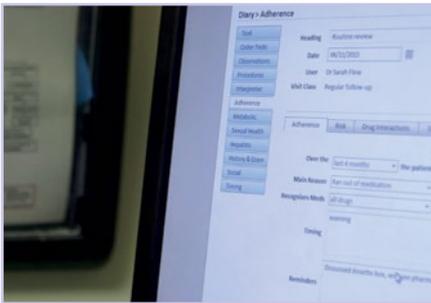
Our solution gives you all you need at a glance. Climate-HIV does this by displaying all your patient data in a single screen giving you fast access to all the crucial data.

Reduces drug costs

Climate-HIV provides all medication and financial information for a patient's treatment plan e.g. any duplication of prescriptions which could increase costs, prediction of run-out times, assistance for pharmacists and business managers to monitor, control and forecast the usage and costs of drugs from a daily basis to annual requirements.

SNOMED-CT compliant

Climate-HIV makes best use of the SNOMED-CT coding system for diagnoses, findings, conditions and actions in healthcare. This enables clinicians to document the patient's 'story' in everyday language and quickly choose the best SNOMED-CT category where needed via the built-in intuitive user interface.



"If I was to try and summarise Climate-HIV it would be an electronic record that we can use to record the patients consultation, their current medication, their adherence, any alerts... You can also use it to demonstrate to patients important features so for example their CD4 Count and HIV viral load are tracked and graphically illustrated."

*Dr Elizabeth Carlin
Consultant in Genitourinary/HIV Medicine,
Nottingham University Hospitals NHS Trust*

Speeds data collection

It makes it easier and safer to prescribe, document patient encounters, write clinical letters and code diagnoses.

Monitors patient safety

Climate-HIV enables you to manage your patients proactively and safely as you can see trends of results starting to go the wrong way before the patient starts to feel ill.

Predictable costs allowing for more accurate budgeting

Delivered to your entire clinical team without the need to invest in expensive IT infrastructure or complex networks. Idox Health maintains Climate-HIV in our secure data centre, so there is no need for you to invest in hardware, hardware maintenance and repair, server replacement, cabling, cooling, space or the expertise to manage and maintain all that investment.

Reduces lost to follow up

The vast information available allows you to keep your patients in regular attendance. Clinical staff can easily identify possible non-attenders through early indicators, such as high Viral Load counts for patients without any visits planned in the short term or patients with close prescription run out dates. Definite non-attenders can also be identified through reporting on missed appointments and patients with any expired prescriptions.

HARS reporting at the touch of a button

Consolidates all data for HARS data set submissions, reducing the trust's exposure to massive revenue loss whilst saving hours of data managers' time.

Solution Components

» Dashboard

All relevant HIV Patient information in one screen.

» Diary

Documents all patient encounters, as free text or structured format.

» Events

Record diagnoses and other significant events using SNOMED-CT and ICD-10 coding.

» Tests

Quick access and sign-off for all pathology results.

» Reports

Generate all correspondence required from standard templates.

» Patient lists

Useful work lists / things to do for patients with particular conditions.

» To do list

Quick access to a users tasks.

» Medication

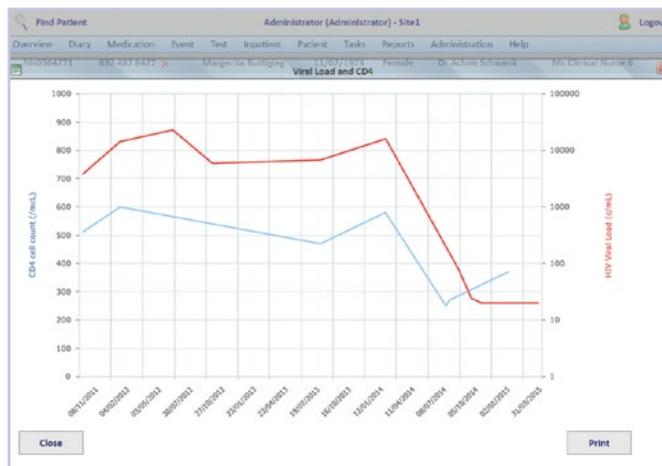
Prescribe and monitor drug usage for ART and other drugs.

» Outpatient and inpatient care

Documented in one integrated solution.

» HARS Compliance

Interrogate HARS completeness and produces HARS datasets at the touch of a button.



The screenshot shows a patient dashboard for 'Margareta Buttleg' with a focus on 'Tests, Viral Load and CD4'. It displays several data points and tables:

- Viral Load:** Highest: 17/07/2012: 23105 copies/ml; Lowest: 06/05/2015: <20 copies/ml; Most recent: 06/05/2015: <20 copies/ml.
- CD4 count:** Highest: 21/02/2012: 600 cells/µL; Lowest: 18/08/2012: 250 cells/µL; Most recent: 15/02/2015: 370 cells/µL.
- Antiretroviral Treatment:** Start: 02/09/2014; Stop: current; Combination: E/FV/NV; Stop Reason: N/A.
- Alerts / Diary:**

Date	Alert Level	Heading
28/11/2016	Urgent Action	annual visit
02/09/2014	Action Required	Check contraception next time / e...
02/09/2014	Action Required	recruited to SUPRA 2/9/14
18/11/2011	Action Required	Please check GP registration.
12/02/2015	Database inco...	Total Item Missing: 0 / 6
18/07/2012	Follow Up!	High UPCR
- Events:**

Date	Diagnosis
01/09/2012	Iron deficiency anemia due to menorrhagia
17/11/2011	Hepatitis B past infection (antiHBC positive, HBsAg, missing e-Ag/anti-e)
08/11/2011	HIV-1 Infection (CDC stage A1)
- Allergies:** Drug allergy
- Antiviral Drug Resistance:** no resistance mutations:AM/FTC [M184V], ZDV/DAT [TAMs], Multiple nucleosides [K65R or L74V], All nucleosides [S9_Ins or Q151M], Non-nucleosides