Climate-HIV

CLINICAL INFORMATION MANAGEMENT FOR AUDIT, TREATMENT AND EXCELLENCE IN HIV CARE

An Electronic Care Record System for HIV Medicine developed by Clinicians for Clinicians.

Most HIV treatment centres in the UK struggle to meet the growing demands for accurate and timely data. Climate–HIV is a specialised electronic care record (ECR) system for HIV medicine. It is based on a simple principle, busy clinicians will only find the time to document high quality data if it helps them to do their main job – looking after patients.

Developed in collaboration with NHS clinician Dr Achim Schwenk at North Middlesex University Hospital in London, Climate-HIV from 6PM allows you to:

- Access timely and relevant patient data.
- Collect data during the consultation and at the bedside.
- Help clinicians to treat patients safely and efficiently.
- Support working in multi-disciplinary teams.
- Communicate efficiently and effectively with primary care and other professionals.

- Extract data for audit, commissioning, service management and research.
- Use data for patient education and self-management.
- Identify patients in need of further adherence support and those lost to follow-up.
- Support pharmacists and clinicians in safer and cost-effective prescribing.
- Enable NHS managers to monitor the best use of resources.
- Allow researchers to find new answers.

Dr Achim Schwenk,
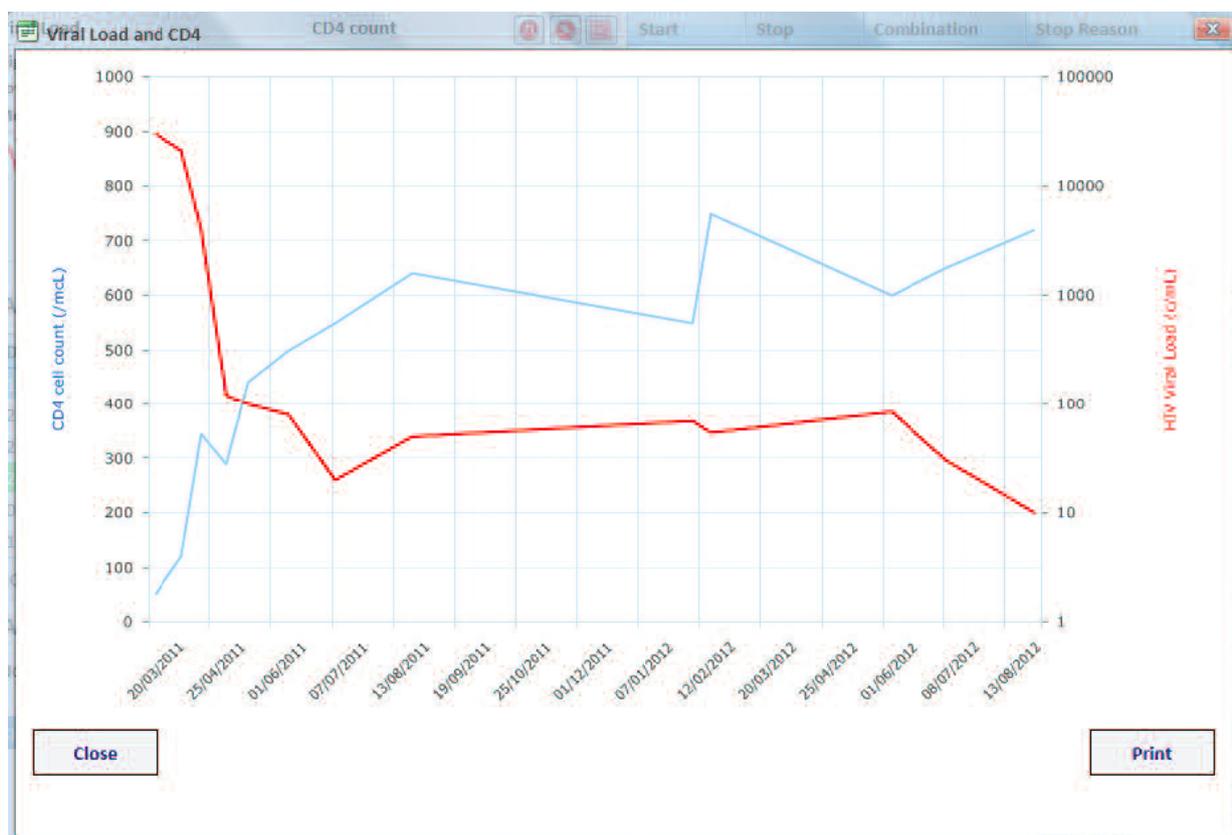Consultant Physician in HIV medicine

Key Benefits & Financial Drivers

- Single screen overview enables instant view of all relevant data needed during patient consultation.

- Documents patient encounters and clinical discussions, both as free-text and in a structured format for HIV specific topics (including adherence, cardiovascular risk etc.).

- Appointment planning and clinic management.

- Climate-HIV makes best use of the SNOMED-CT coding system for diagnoses, findings, conditions and actions in healthcare that are to become NHS standard. 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.

- Create clinical letters with a Microsoft Word interface, allowing the editing and saving of pro-forma letters e.g. GP letters. This greatly reduces the cost of clerical input time and data errors.

- Electronic or paper-based prescribing which identifies patients' medication 'run-out' dates, delayed or non-delivered prescription and actual prescribing costs to assist pharmacists and management.

- Sophisticated security model and role-based access for optimal data protection.

- Based on Microsoft .NET web technology, i.e. accessed via Internet Explorer without the need to install additional software on front end computers.

- Integration with other hospital systems such as PAS demographics and appointment planning, pathology, imaging reports and pharmacy.

- Documentation and monitoring of patients' privacy choices (such as writing to their own home address, their GP, etc.).

- Incorporates a data reporting system with a series of pre-configured and locally configurable queries for commissioning, performance monitoring, research, data quality and clinical audit.

- Promotes participation in UK-CHIC, the UK-wide cohort study run by the MRC.

- Centres can participate in a secondary data use programme that provides anonymised, high quality data to third party providers (e.g. the pharmaceutical industry). This enables the Trust to be part of a self-funding programme for the purchase of CLIMATE and generate on-going revenues.

- Comprehensive help files and tutorials, minimising staff training costs and on-going support.
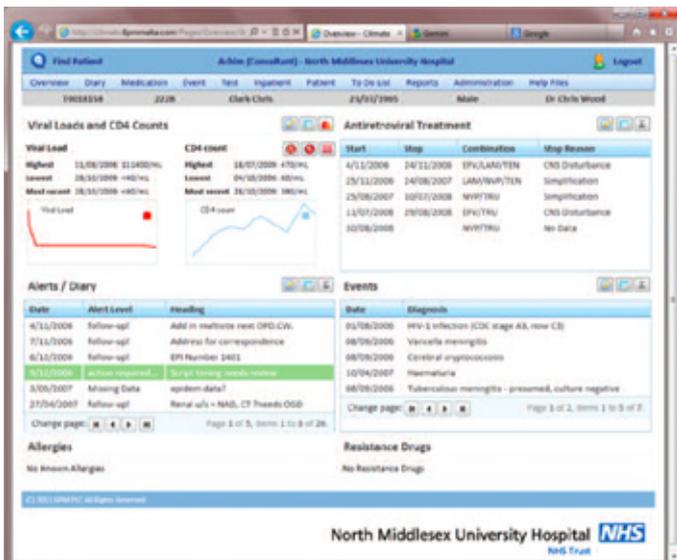
The Solution

For people involved in HIV care, accurate and timely data is essential. Climate-HIV follows clinical workstreams and is very intuitive to use, allowing clinicians to focus on patient care. It makes it easier and safer to prescribe, document patient encounters, write clinical letters and code diagnoses. Data for audit, service planning, commissioning and research can then be easily extracted. Fundamentally it enables Trusts to operate a highly efficient HIV clinical environment, ensure a comprehensive patient care service via a multi-disciplinary team and provide for reporting of all aspects of the HIV care pathway ensuring that all attributable revenues are realised.

Demand for accurate data grows year by year (Payment by Results (PbR), CQUINs, QIPP, EMA2 requests, etc.). With the NHS having to do more for less every year, clinicians and managers need access to accurate and timely data. Climate-HIV achieves this by automating reporting and is fully prepared for the new HARS dataset and SNOMED-CT when that becomes a standard reporting option.

6PM
GROUP

The Solution Encompasses

Climate-HIV is accessed via a Web browser therefore no additional client installation is required and the system can be accessed from any NHS computer by nominated users. Additionally, this provides for a simplified maintenance program and easy administration of updates as required. The solution interfaces with Patient Administration, GUM and Pathology systems and has essential built-in data quality checks.

SOLUTION COMPONENTS

- **Overview screen:** All you need to see about a patient on one screen.

- **Diary:** Documents all patient encounters, as free text or structured format.

- **Events:** Record diagnoses and other significant events using SNOMED-CT with an intuitive interface.

- **Tests:** Quick access and sign-off for all pathology and imaging results.

- **Reports:** Generate professional letters, legal reports, etc. in Word, populated with patient data.

- **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 drugs.

- **Outpatient and inpatient care documented in one integrated solution.**

PLEASE CONTACT US TO DISCUSS YOUR REQUIREMENTS AND FOR A PRODUCT DEMONSTRATION

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