

eCAT

Caseload Analysis and Activity Tool

Supporting health care professionals in delivering their services to the community



The E-CAT product is a clinical tool developed by real-life district nursing professionals to meet the growing challenge of satisfying increasing demand with fewer resources. The tool provides nurses, at all levels in the community, with a statistical tool to measure clinical need and nursing performance, thereby allowing them to analyse need in relation to the skill and distribution of the workforce. The web based electronic tool has been regionally piloted in three community trusts in Northern Ireland and the University of Ulster have carried out an independent evaluation in 2008 which confirms the positive benefits of the tool.

The product is currently commercially available for use within the District Nursing service across the NHS and will be further developed to provide support and functionality for additional professions and services.

HOW IT WORKS

E-CAT is a browser based application which can be used on an individual PC, within a Trust environment or even over the wider internet. Intuitive design allows users to quickly add their caseload activity (profile) and quickly and easily generate caseload analysis reports.

What the E-CAT product can do for:

The Patient

By closer monitoring and optimisation of caseloads, resources can be more efficiently directed to the front-line ensuring patients enjoy a higher level of care and safety.

The Practitioner

Equitable caseload. More focussed on problem solving.

The Service Manager

Provides information that allows managers to work smarter and work better.

The Trust

Meet increasing demand within current budgets. Benchmark within Trust and compare with other Trusts.

Key Features



Caseload Activity Functions

- Comprehensive data entry & search forms for profile data.
- Intuitive form design to simplify data input.
- Pre-population of data entry fields based on user profile.
- Create 'like' profile function to avoid data duplication.
- Data interface module which allows the option of an automatic data transfer from other information systems.

Caseload Analysis Management

- Suite of detailed caseload analysis reports.
- 'One click' report generation.
- Graphical report display for ease of interpretation.
- Colour coded categories of reports.
- Report against an individual, a team, an organisation or even an entire region.
- Easy to use on-line user help.
- Expert user guide written by nursing professionals.

Browser Based Application

- Browser-based access so the application can be accessed on a PC, on a organisational intranet or on the wider internet.
- No deployment required on individual PC's.
- Easily maintained software updates.

Security and Access Restrictions

- Role-based security model to restrict access to functions and data.
- Data restrictions also based on professional role.
- User administration module to manage users accounts.

Administrative Tools

- Code maintenance module for lookup values.
- User & staff register.

Support

- Installation and configuration services.
- Ongoing technical and user support.
- User training & knowledge transfer.

New features

- Multi-disciplinary capability
- Ongoing academic research updates.

System Software Requirements

Database Server

Oracle RDBMS 11g or SQL Server 2005

Web Server

.NET Framework 2.0

PC (Web Applications)

Windows 2000 Professional or later
Internet Explorer 6 or later

Minimum Hardware Requirements

Server

Intel Pentium Xeon, 512MB RAM,
40GB hard disk or equivalent

PC

Intel Pentium 4, 256 MB RAM,
20GB hard disk or equivalent

Other operating environments may be supported upon request.

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