

Data collection and knowledge



Performance evaluation at the clinic



New evaluation tool for doctors and hospital managements



How well is your department performing? Are you providing quality service for the patient? Are you doing things the right way?



Every effort to make improvements depends on some kind of yardstick. What was the point of departure? – And which way are things moving?

Systematic has designed Informentas as a tool to provide the hospital sector with continual follow-up on quality development. It is a web-based system that makes data collection easy, and at the same time presents the information in ways that give a clear overview.

The system was developed in close collaboration with doctors and hospital managers.

Informentas can be integrated with existing systems in hospitals and with central clinical databases, which means that data only has to be typed in once.

Clinicians working in research and management will find that Informentas provides them with a flexible, user-friendly system, in which they can define and adapt the questionnaires themselves – for instance in relation to clinical databases that their departments report to, or to local research projects.

Informentas can also collect data about the quality experienced by the patient, as the system supports direct communication with individual patients. Through patient-oriented access to

Informentas patients can evaluate their clinical paths and give electronic documentation of their assessment.

Informentas is an efficient evaluation tool for clinic managers, since it provides reports giving different types of information, such as types of operation, departments and the operating surgeon. Users can design the reports they want.

Completely new possibilities for doctors and hospital managers

- Overview of results and treatments given
- Overview of changes in performance
- Better data quality when coding is close to data generation
- Collection of key data about treatment of patients
- Overview of methods used in practice
- Easy registration of research data
- Direct reporting to central and national databases
- Information from patient kiosks about the quality patients experience
- Documentation of clinical results



Flexible modules

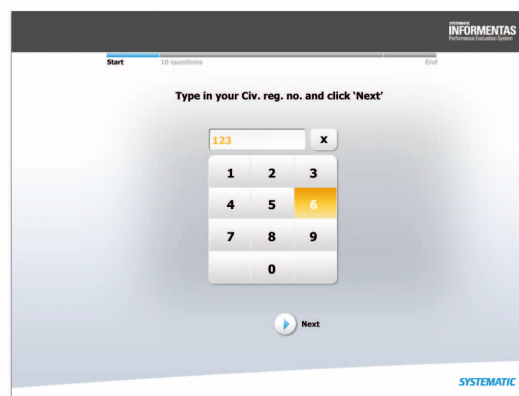


Informantas consists of a series of modules that can be acquired separately

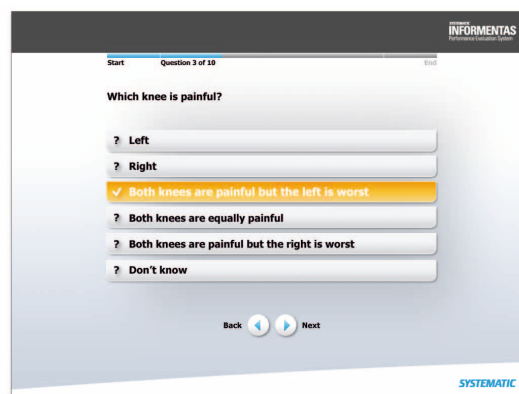
- Designing questionnaires and patient assessments**
 This module enables doctors to define tables themselves for use by staff at the clinic and for questionnaires to be used in patient kiosks (definition of data, marking obligatory fields, validation and layout).
- Data collection**
 The data collection module makes it easy to type data in. Clinicians can do this using web-based screen images, and patients can use touch screen or a website accessible from their own homes. Data is stored safely and securely.
- Analysis**
 Informantas collects and presents data in the form of easily understood graphs and tables. If further statistic processing is required, data can be exported, for example to Excel.
- Reporting data to central clinical databases**
 This module supports the design of tables with data to be reported and also the actual process of making out and implementing the reports.

When this module is purchased, the design tool is extended to enable the data in the clinical database concerned to be included automatically the table.

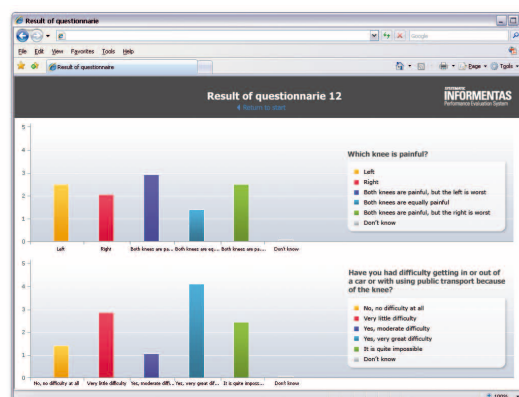
Reports can either be made automatically or activated by a user. For each notification the data is validated, to ensure that the data comply with the required format for reporting.



From patient kiosks at the hospital patients can use a touch screen to log in to the Informantas patient section and answer questions about their clinical paths.



Feedback is provided through easily understood, user-friendly questionnaires to give an effective overall picture of how patients experience quality.



Informantas collects data about the treatment patients undergo, and the results are presented simply and logically, so that they become useful knowledge.

Background

Systematic's Informentas was largely inspired by the work of Ernest Amory Codman, (1869-1940), an American doctor who attached great importance to improvement in the treatment of patients. Throughout his career he endeavoured to establish a system of registering the details and results of treatments. With this system Codman sought to provide a reliable foundation on which he and his colleagues could carry out improvements.

About Systematic

Systematic supplies reliable, future-proof and user-friendly mission-critical solutions and systems, and carries out complex design and consultancy assignments. We have many customers in the defence services, the health sector, finance and the public sector.

Systematic's mission is to provide IT solutions that help to make it easier for customers to make critical business decisions. We therefore concentrate our attention on the customer's needs and focus on solutions that add value for the customer. We call it Simplifying critical decision making.

Systematic is an international company with customers in over 30 countries. As the largest privately owned software and systems company in Denmark, with around 500 employees, we have a strong, sound foundation for our future business activities.

Systematic was established in 1985 and its headquarters are in Aarhus, with a department in Copenhagen and subsidiaries in the UK, USA and Finland.

For further information about Systematic visit our website www.systematic.com or contact our headquarters at +45 8943 2000.