



lifecare

LIFECARE THE MANAGEMENT INFORMATION SYSTEM FOR PATHOLOGY

Lifecare is the most advanced laboratory management information system on the market today. Lifecare was developed for pathology, but is also used in clinical chemistry, medical microbiology and genetics.

Lifecare can be used in every hospital or laboratory. It has an open architecture, which means other systems - such as a Hospital Information System (HIS) and Electronic Health Records (EHR) - can be seamlessly integrated. In addition, Lifecare can be linked to all kinds of hardware (open standard). That makes it highly flexible and future-proof.

AUTOMATION

In clinical pathology, Lifecare provides support for every discipline: histology, cytology, molecular diagnostics and autopsies. The information system records the various process steps in all types of pathological examinations. For example, Lifecare automatically stores who performed which examination and when. Through links with laboratory equipment such as immunostainers and digital pathology slides canners, Lifecare is also completely paperless. Whether it's application forms, images or external results, all information is automatically stored in digital form. That means the required patient data is always quickly available when needed, and sharing information for external consultations and reviews is greatly simplified.

STANDARDISATION

Lifecare uses a high level of standardisation. For example the program uses standard texts for more uniform reporting of examination result. Lifecare also allows checklists to be created, for example for the maintenance of laboratory equipment, eliminating the need for separate

manuals. These checklists also allow staff to record the results of maintenance checks, calibrations etc., and to submit these records in the form of logbooks to auditing authorities.

USER-FRIENDLY DASHBOARD

Laboratory staff will only see those checklists that are relevant for them (role-based access control). After logging-in, each staff member - whether he or she is a pathologist, an analyst or has a secretarial function - has access to a personal dashboard. This only displays information that is relevant at that moment (view-based access control). For example relating to current examinations, tasks that are still to be performed, and of course urgent work. Lifecare shows tasks on an individual basis, but also the activities for the whole team. Information is presented in a clear and highly user-friendly way, with a modern 'look & feel', on users' desktops, tablets and smartphones.

QUALITY ASSURANCE

Lifecare monitors the quality of pathology examinations by means of real-time measurements. Process results (production, throughput times etc.) are continuously compared with the laboratory's key performance indicators (KPIs). If it looks as though an agreed performance level will not be achieved, the relevant staff member or team is notified through the dashboard so timely corrective action can be taken.

MANAGEMENT INFORMATION

Lifecare generates standard reports, for example on throughput times, number and type of examinations, workload etc. Reports can also be created on the basis of predefined custom KPIs. Because Lifecare also records the supporting processes, the program additionally provides financial and administrative information. This is valuable for management, as well as for other bodies and authorities such as professional associations, government and auditing organisations.

RAPID IMPLEMENTATION

Deutsche Telekom Healthcare Solutions ensures smooth implementation of Lifecare in your organisation. Whether you are preparing for a merger or reorganisation, or if you want to switch to other software or hardware at the same time, Deutsche Telekom Healthcare Solutions has the know-how and expertise to support those processes quickly and professionally during the implementation of Lifecare. Deutsche Telekom Healthcare Solutions is built on 40 years of ICT experience in the field of pathology, and is also ISO 27001 certified.

PRODUCT INFORMATION AND TECHNICAL SPECIFICATIONS

- SUPPORTS ALL PRIMARY PROCESSES, INCLUDING DIGITAL PATHOLOGY
- INCLUDES A RANGE OF SECONDARY PROCESSES
- STANDARDISED PROCEDURES AND REPORTING
- PERSONAL PROFILE BASED ON USER ROLE(S) AND ACTIVITIES (ROLE-BASED)
- SHOWS ONLY RELEVANT INFORMATION (VIEW-BASED)
- CAN BE LINKED TO ALL KINDS OF LABORATORY EQUIPMENT
- CAN BE INTEGRATED WITH ALL OTHER SOFTWARE AND SYSTEMS
- INDICATES NON-COMPLIANCE WITH DEFINED QUALITY STANDARDS
- MANAGEMENT REPORTING
- MODERN, HIGHLY USER-FRIENDLY AND PAPERLESS
- MODULAR, SCALABLE AND FLEXIBLE; BASED ON PROVEN SYMPATHY TECHNOLOGY
- SUITABLE FOR USE ON SMARTPHONES, TABLETS AND PCS
- AVAILABLE ON LEASING BASIS

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