iMedOne®
THE HIS WITH THE BEST CONNECTIONS

Hospitals that aspire to sustainable success must above all optimize costs and processes and minimize planning risks – and do so continuously. An efficient and fully integrated Hospital Information System (HIS) like iMedOne® creates optimal preconditions for connected work at the hospital while easing the strain on internal resources. It relieves the burden on physicians and nursing staff, makes processes lean and thus improves the quality of care. It is also available on the move. Telekom Healthcare Solutions is one of the leading HIS suppliers in Germany and already serves over 200 facilities.

PATIENT MANAGEMENT AND BILLING

The hospital information system iMedOne® can be set up on top of the standard patient management and billing solution SAP ISH and interacts with ISH via bidirectional, intelligent interfaces. A special iMedOne® component ensures that the HIS stays productive without a break in the event of an SAP system outage. As an alternative to SAP ISH, iMedOne® provides product billing as a separate billing solution of its own that is totally integrated into iMedOne®. iMedOne® Billing contains all the functionalities of inpatient and outpatient billing and iMedOne® can be linked to different financial accounting and cost accounting systems. That provides users with the leeway that they need to opt for the solution that fulfills their requirements optimally. For the hospital meaningful evaluations and statistics at the touch of a button are an indispensable control element to ensure earnings and liquidity.

OUTPATIENT AND EMERGENCY MANAGEMENT

In an emergency, every minute counts. iMedOne® helps even before the patient arrives at the hospital by providing swift communication with the rescue service. In the telemedicine projects Stroke Angel and Cardio Angel patients' data is sent straight from the ambulance to iMedOne® at the hospital. Patient flows can thereby be controlled efficiently and with the right priorities.

- On arrival in the central emergency room every patient can be prioritized with the aid of the triage system in iMedOne®
- The person currently in charge of the patient's care is shown visually and the handover from care staff to physician and vice-versa takes just a single click. So the Outpatient department always has everything in view and under control, and the treatment of patients runs smoothly and without a hitch!

HEALTHCARE SOLUTIONS

SUPPORT FOR HOLISTIC CARE

iMedOne® eases the burden on nursing staff decisively by minimizing documentation and administrative costs. Digital patient information delivers a considerable added value compared with paper-based nursing documentation. It enables nursing staff to record data swiftly and intuitively – at the patient's bedside if required.

- An easy-to-use, individually configurable patient chart
- Wound documentation to expert standard
- Medication management with treatment safety check
- Care planning and documentation to scientifically evaluated standards
- Recurring procedures like the transfer of data from the patient chart to the next week are no longer required because the program performs them automatically
- All data recorded can be evaluated statistically

DOCUMENT MANAGEMENT

Patient-related documents are the basis of the clinical treatment process and are core elements in a comprehensive and complete electronic patient file. That is why admission, transfer, and discharge letters, surgery reports, and in-house and external findings must be written, edited, and managed in the HIS's electronic patient files. As a consequence the exacting clinical workflow requirements of the document management go way beyond the functions of a standard word processor. With the iMedOne® MedText Editor Telekom Healthcare Solutions provides physicians and clerical staff with an editor of their own for the HIS that fulfills these requirements and supports its users very well in day-to-day hospital work.

- Intelligent automated features and functions relieve physicians and clerical staff of recurring activities when writing letters
- The "growing" physician's letter takes shape in parallel to the patient's treatment and can be handed to patients when they are discharged
- Dictation systems and speech recognition are deeply integrated into iMedOne®, as are audit-proof digital archiving systems

MOBILE ACCESS TO PATIENTS' DATA

With the iMedOne® Mobile app, all clinical data can be accessed securely any time, anywhere from the HIS by smartphone or tablet, enabling all relevant treatment steps to be documented comfortably. Using iMedOne® Mobile, physicians can access PACS images and findings directly from the digital patient file, check the most recent laboratory results, authorize orders to the service facilities, adjust medications, and dictate nursing instructions or even physician's letters digitally and send them to the clerical service.

TREATMENT PLANNING AND PATIENT MANAGEMENT

More and more patients need to be treated during shorter times in hospital. That can only work if all diagnostic and therapeutic measures are optimally coordinated. For many clinical pictures treatment standards can be developed that patient treatment follows during hospitalization. iMedOne® supports the creation, amendment, and use of clinical paths up to and including individual treatment steps. Orders are set up automatically in the background, appointments and resources are planned, and dependent processes are coordinated.

- Functional departments' resources are managed efficiently and the treatment process is patient-oriented by avoiding duplicate examinations and ensuring a shorter stay in hospital
- iMedOne® ensures transparent patient care by means of clinical paths and relieves hospital staff of the burden of repetitive documentation tasks
- Prefabricated treatment steps are planned and documented in accordance with standards, yet the focus remains on the individual treatment of the patient. Physicians and nursing staff can concentrate on what they can do best: provide patients with medical and nursing care

HOSPITAL LOGISTICS

When the patient is admitted all information must be available and the necessary equipment, medications, implants, and consumables must be scheduled and reserved. In further treatment today, many specialized departments, outpatient clinics, and functional areas collaborate and need to coordinate their respective services. iMedOne® hospital logistics ensures optimal (production) processes and also assists with the patient's discharge or seamless further treatment.

QUALITY MANAGEMENT

For the hospital, quality means having an overview of all information about patient care and identifying and resolving quality problems at an early stage. iMedOne® supports the use by drawing up the statutory quality assurance documentation and ensuring transparency of target statistics, data evaluation, and the display of important patient information. With the aid of data warehouse structures and defined workflows you can set up a quality reporting system of your own – or the hospital can make use of the analyses that iMedOne® delivers as standard. In any case, transparency is an essential basis for quality.

Simply contact us. We will be happy to advise you.