Medizinische Einrichtungen des Bezirks Oberpfalz (medbo)

Newsflash i.s.h.med

Cerner®

i.s.h.med goes live

in the ICU at medbo, Regensburg, Germany

Photo: © medbo

Medizinische Einrichtungen des Bezirks Oberpfalz (medbo) offers medical services in the fields of psychiatry, child and adolescent psychiatry, neurology, neurological rehabilitation, neuroradiology and forensics. As a public sector hospital operator, medbo runs hospitals, outpatient clinics, institutes and nursing homes at six locations in the Upper Palatinate district of Bavaria in Germany, providing medical care to approximately one million inhabitants in the region.

As part of the current project, the *i.s.h.med®* HIS was introduced in the neurological rehabilitation and neurology departments. The project was piloted in the ICU of the neurological rehabilitation department. A number of *i.s.h.med* modules – Basis, Care, Patient Profile, Smart Chart and Medication – were implemented during the pilot study.

For the first time in Germany, *i.s.h.med* Patient Profile was implemented in an intensive care unit with data integrated from intensive monitoring into Smart Chart. Data collected by ventilators and devices for blood gas analysis are made available via an SAP data pool and displayed in graphic and tabulated form in Smart Chart.

The amount of transmitted data in connection with the often very long duration of patient stays in the neurological rehabilitation department makes the go-live at medbo particularly outstanding. In addition, this clinical scenario is available for reuse as a best practice at any time – especially for further procedures, above all in the area of intermediate care – thanks to the validated training on system infrastructure, data security and integrity provided in collaboration with clients.

In *i.s.h.med* Basis, clinicians can implement the documentation for the treatment episode. This includes the often-prolonged treatment process in the neurological rehabilitation department and consists of different types of cases and cost carriers, stays, departments and wards. In addition, special demands are placed on the documentation. For example, a very complex medical report was implemented as a PMD (Parameterizable Medical Document), which meets the specific requirements of neurological rehabilitation.

As part of the Care subproject, it was demonstrated that the *i.s.h.med* Care module can not only map the requirements of a normal ward, but also the specific features of an intensive care unit. In addition, Cerner and medbo carried out beta projects in parallel with the implementation of the actual project content: the SAP Fiori Fluids & Lines app and continuous infusion were successfully tested and included in the ongoing project as an additional component following approval for market release.

A noteworthy detail is also the use of the Imprivata solution for authentication with smart cards. Implemented in a parallel project, Imprivata contributes to the overall high degree of solution convenience for users, by enhancing patient safety and optimizing clinical care workflows.

The ICU went live in January with *i.s.h.med*, followed by the roll-out to normal wards and the day clinic in the neurological rehabilitation department. At the same time, the implementation of the solutions in the neurology department is being promoted.

Info/contact:
haik.rothbart@cerner.com
www.cerner.com

Health care is too important to stay the same.™

About Cerner

At Cerner, we're continuously building on our foundation of intelligent solutions for the health care industry. Our technologies connect people and systems at more than 25,000 facilities worldwide, and our wide range of services support the clinical, financial and operational needs of organizations of every size.

Together with our clients, we are creating a future where the health care system works to improve the well-being of individuals and communities. By designing leading-edge health information technology, we offer strategies that empower organizations to know, manage and engage their populations. Our applications are developed with clinicians in mind so they can focus on people, not technology. And providers can manage their day-to-day revenue functions with our integrated clinical and financial systems. These helpful tools are designed to work for today and think for tomorrow.

From the beginning, we have innovated at the intersection of health care and information technology. Our mission remains to contribute to the systemic improvement of health care delivery and the health of communities.

Cerner Health Services Deutschland GmbH

Cunoweg 1
65510 Idstein, Germany
www.cerner.com
informationen@cerner.com

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