

GlucoTab®

A mobile system to improve insulin dosing for patients with type 2 diabetes in hospitals

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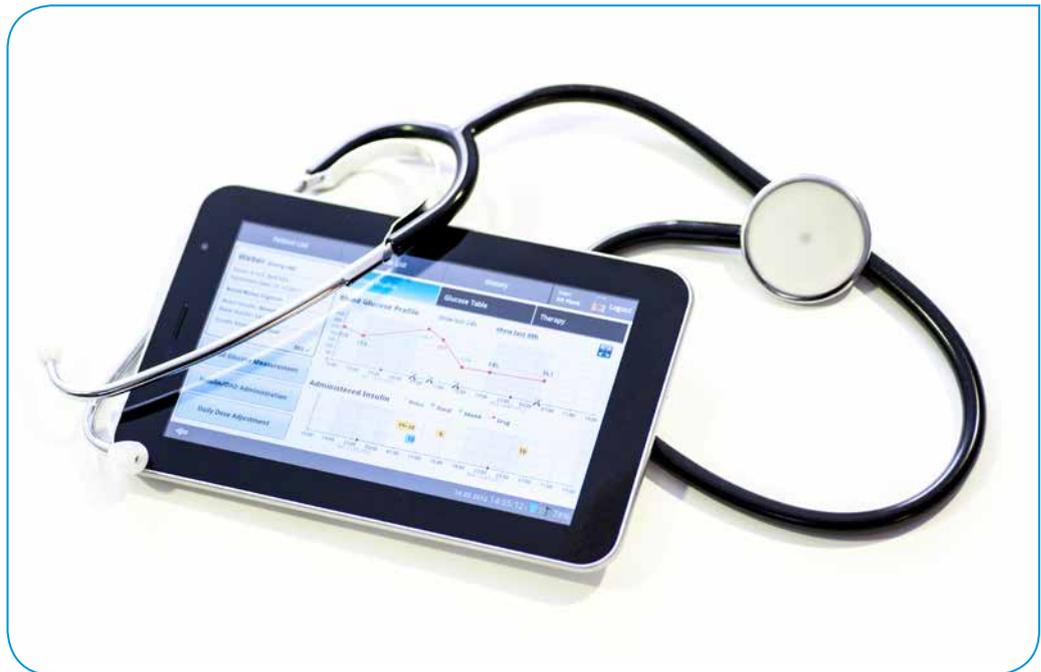
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The GlucoTab® system provides support for nursing staff and physicians involved with insulin therapy of patients with type 2 diabetes at the hospital ward. The system improves the clinical workflow and automatically suggests the correct insulin dosage.

The GlucoTab® System

GlucoTab® is a mobile software system for assisting the blood sugar management of hospital patients with type 2 diabetes.

Automated suggestions for insulin dosage are calculated based on the REACTION algorithm and suggested to the clinical users (physicians

and nurses). The user interface runs on a tablet computer, making it possible to treat the patient directly at the bedside. The tablet computer communicates via Wi-Fi with a server that stores the data and executes the calculations. This guarantees data security and connection to the hospital information system. ➡





Benefits and Features

1. Automatic suggestion of the correct insulin dosage (based on the REACTION algorithm).
2. Clinical validation confirmed that average blood glucose concentration was reduced by up to 20 % compared to standard care.
3. More blood glucose levels in target range compared to best-practice clinical trials.
4. The GlucoTab® system is CE certified as a medical device. The system was developed, verified and validated according to the strict guidelines for software according to the Medical Device Directive.
5. Intuitive operation resulting from the fact that the system was developed in close cooperation with clinical staff.
6. Simple, structured input and clear output of the most important medical parameters, such as blood glucose, insulin dosage and meals.
7. Lighter staff workloads through standardized procedures.
8. Standards-compliant interfaces to hospital information systems.



Interested?

You want to test or implement the GlucoTab® System in your hospital or at your ward?
Contact us and become one of our reference hospitals.