

new way to care

Coagulation self-monitoring

eHealth solution

eHIT Ltd's mobile coagulation self-monitoring system is a complete home-care coagulation management solution integrating seamless and real-time patient-doctor communications with the patient's medical record and nursing support.

The system utilises eHIT's Health Gateway, an effective and secure tool that transfers data from

different measurement devices to the health care provider via a mobile platform by using wireless GSM/GPRS networks. This solution ensures that measurement results are accurate, available and both cost and time effective, providing the best patient and nursing remote communication.

Timely review of patient data with close to real-time feedback is a critical success factor in today's disease management environment. With this eHealth solution maintenance and treatment become faster and easier as compliance improves.



Coagulation self-monitoring

Today the advantages of self-monitoring have also reached coagulation monitoring. Portable sub-compact measuring devices make routine testing easier and give independence back to the patient.

Health Gateway mobile platform is able to transfer the measured values from the coagulation meter to the patient mobile device via Bluetooth, Infrared or cable connection according to the type of measuring device.

The patients then have the possibility to browse the results from a list or to have them displayed in a clear graphical follow-up form directly on the display of their mobile device. This gives the patient an immediate overview about how his/her coagulation factor is responding to the anticoagulation therapy.

The Health Gateway platform can also offer an additional service. As the mobile device receives the measurement data from the coagulation meter, the

program may calculate the suggested new value of the anticoagulant medication automatically.

Furthermore, the measured values and the calculated medication values are immediately forwarded by GPRS/GSM/3G to the health care professionals, which can then send a feedback to the patient's mobile device.

Benefits

- Results are accurate, available in real-time and in correct form
- Real-time feedback regardless of location
- More efficient work and reduced travel expenses
- Faster patient treatment process
- Evidence-based process traceability information
- Patient privacy and security preserved by secure connections

