

CSO / Anticoagulation

Case Region of Southern Denmark, Vejle Hospital
Denmark

Challenge

Vejle Hospital needed to treat more patients with the same resources, as well as improving quality and medical outcome. After a thorough research, they chose CSO/Anticoagulation from IntraMed. In the trial period Vejle Hospital had 15 patients in the self monitoring program where the patient measured their own INR value at home and recorded the value in the web based system CSO/Anticoagulation.

Results with CSO/Anticoagulation

Today, Vejle Hospital has increased the numbers of patients using self test to 300 patients. This increase in patients who use self test gives the hospital the opportunity to provide an optimized treatment to a larger population of patients. The clinicians can focus on high-risk patients or patients with complications. With CSO/Anticoagulation 30-40 patients an hour can be dose-adjusted by one doctor. Using the CSO/Anticoagulation system is also a major advantage for patients with a stable condition since fewer ambulatory visits are needed to the physician. Furthermore, the patients gain control of own disease by having access to their medical information. In addition to this CSO/Anticoagulation includes a decision support module which operates proactively and provides the treatment manager with expert support in decisions. The system functions in a similar manner as an intelligent sparring partner for the treatment manager – whether the person is an experienced specialist or a general practitioner with only a few patients receiving anticoagulation treatment.

Laboratory Director, Consultant, Ivan Brandslund, DMSc, Vejle Hospital, Denmark

Many General Practitioners are concerned about putting patients in anticoagulation treatment. However it is much more dangerous to leave things as they are. With CSO/Anticoagulation we are able to prevent a minimum of 100 cases of cerebral thrombo-embolic episodes in Vejle County per year.



In Vejle we conduct 10,000 check-ups a year. The Danish DRG (Diagnosed Related Groups) system is based on the calculation of average costs for patient treatment and the system rewards efficiency. Consequently we gain on the treatment of patients receiving anticoagulation treatment while at the same time CSO/Anticoagulation helps us to reduce our consumption of resources.

About Vejle Hospital

Vejle Hospital is a part of Region Southern Denmark. The hospital employs approximately 2,200 employees and treats about 22,000 hospitalized patients and about 150,000 outpatients.

Vejle Hospital holds a number of specialized functions within hospital treatment for example Oncology, Haematology, Lung Medicine, Cardiology, Mammaecentre, Plastic Surgery, Colorectal Surgery and Neurology. Furthermore Vejle Hospital holds a big Laboratory Centre with the specialties: Chemical Pathology, Clinical Cytology, Clinical Genetics, Transfusion Medicine/ Bloodbank, Medical Microbiology and Virology, and Pathology. In these areas Vejle Hospital serves approximately 350,000 residents from the surrounding area.

Vejle hospital has a major CSO/Anticoagulation installation covering 2,500 patients, all 6 regional hospitals and 250 General Practitioners. CSO/Anticoagulation is integrated with the laboratory system Labka via Edifact. The system has been working in a daily routine since 2003.

Learn more

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