

Monidrop[®] case study: Monidor Solution in pilot use in the cardiology ward of Oulu University Hospital

Department 35 of Oulu University Hospital is a 24-bed cardiology ward that treats patients with cardiovascular disease (patients with myocardial infarction, chest pain, heart failure and arrhythmias).

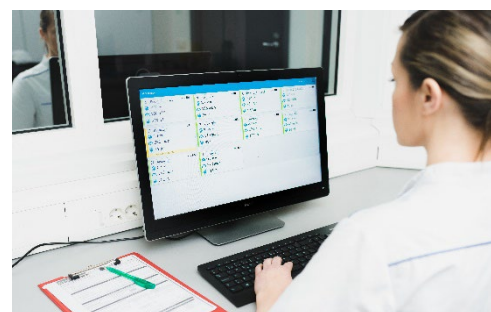
The cardiology ward was the first ward to pilot the Monidor Solution on the hospital's wireless network. The solution has been developed in collaboration with the medical staff, and during the pilot it was still possible to make updates based on user feedback. During the pilot, the department was visited several times a week to collect user feedback. The feedback from the nurses was positive: the devices were perceived as easy to use and brought confidence to their own work. The Monidor Solution was used in the ward especially for long antibiotic infusions and basic fluids.

Key benefits of the Monidor Solution in facilitating infusion monitoring

In infusion remote monitoring, the three main benefits were considered to be the facilitation of night-time monitoring and nurse's own work, as well as the saving of unnecessary steps.

"I think the monitor has made it a lot easier to monitor the infusions. Instead of running to each patient individually, I now see all the patients on the monitor at the same time. The device also allows me to precisely adjust the infusion rate for each patient." Says Noora Hirvasniemi, a nurse working in the ward.

According to head nurse Sanna Kivimäki, the remote monitoring in the office makes it possible to monitor the infusion not only on one nurse, but all nurses can see the infusions on the monitor. "One nurse can have up to ten patients at a time, so Monidor solution greatly reducing daily steps." Says Kivimäki.



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Monidor integration with Oulu University Hospital Esko Patient Information System

The pilot was the first to integrate the Monidor Solution into Oulu University Hospital own ESKO Patient Information System, so this also enabled remote monitoring on the phones used in the department. This possibility was considered convenient by the nurses. Later, remote monitoring of infusions was also performed on the workstations via Esko.