

Monidrop[®] case study: Monidor Solution at Department of Gastroenterological Surgery at Oulu University Hospital

Monidor's new remote infusion monitoring solution has been in pilot use during the spring and summer of 2020 at the Department of Gastrosurgery, Oulu University Hospital. Ward 4 treats elective and emergency liver, pancreas and bile surgery patients in the OUH area of special responsibility, as well as patients in need of adrenal surgery.

The new, even easier-to-use Monidrop infusion monitor measures the infusion rate, amount of liquid, and treatment time and is suitable for a variety of IV treatments. It wirelessly transfers data to the caregiver's computer, tablet, or smart phone, allowing infusions of the entire ward to be monitored in real time from a single screen. The Monidrop device is ready for use at the touch of a power button, making it very quick and easy to use. The solution has been designed in collaboration with healthcare professionals to increase patient safety and save time and steps.

More accurate hydration and help with monitoring, especially at night

Patients treated in the ward often require intravenous nutrient solution therapy. Long infusions of nutrient solutions have been found to be very good to implement with the Monidor solution. The progress of the infusion has been easy to monitor remotely to ensure that hydration proceeds as desired.

100% of the respondents to the user survey thought that the Monidor Solution facilitates night-time monitoring and saves unnecessary steps during the working day. 100% would also recommend the Solution to their colleagues.



"Monidor Solution provides the necessary notifications directly to the caregivers either on the office PC or the mobile phone."

A simple and cost-effective device to replace partially infusion pumps

Nurses have said that the benefits of the Monidor Solution include the fact that Monidrop devices do not alert the patient. According to the nurses, the infusion pumps used in the ward alarm next to the patient, which means that the patients wake up in the middle of the night, for example. The Monidor Solution provides the necessary notifications directly to the caregivers either on the office PC or the mobile phone.

The Monidor solution is connected directly to the hospital's own Esko patient information system, making it available on existing nurse phones.