

Monidrop® case study: Gastroenterological and endocrinological surgical ward, Oulu University Hospital, Finland

Monidor Oy has developed Monidrop infusion monitor for hospital wards to ensure accurate infusion therapy for every patient. Need for the Monidrop arises from hospital wards where a lot of infusions were administered by calculating drops manually which is prone to errors or due to that existing infusion pumps tend to be too advanced for basic fluid therapy.

Oulu University Hospital gastroenterological and endocrinological surgical ward was one of the first wards to trial Monidrop infusion monitor in 2018 after Monidrop was launched. Oulu University hospital is a research and development-oriented provider of high-quality healthcare in the city of Oulu in Finland and covers the whole of Northern Finland.

Quick and easy to use

Monidor performed a usability study during the development of Monidrop and it revealed that users hoped to have an easy-to-use infusion device. Monidrop was developed as user friendly as possible and it has fulfilled its promises. "The small size makes Monidrop handy and easy to use. It has been good especially in the administration of blood products." Says **Susan Koivisto**, nurse from Oulu University Hospital gastrosurgical ward.



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Small device helps in setting right infusion rate and fluid level

Monidrop was considered well suited for setting the right infusion rate and for measuring the amount of fluid for especially with antibiotics and blood products although it was also actively used with nutrition solutions and basic fluids. 100% of nurses answering online survey considered Monidrop to be very useful or quite useful tool for their ward. Most important function of Monidrop from the user point of view was to set the right infusion rate. 100% would have been very or quite disappointed if they now longer use the device.

Devices in use on the ward

After trials, gastroenterological and endocrinological surgical ward is now using Monidrop devices in their everyday work. A lot of intravenous fluids and medications are administered on the ward. **Elisa Nevala**, nurse from the ward says that Monidrop is good quality, easy to use product that improves patient care in their busy work environment.