

Monidrop® and IV Screen case study: KallioPP Nivala and Ylivieska health care center wards

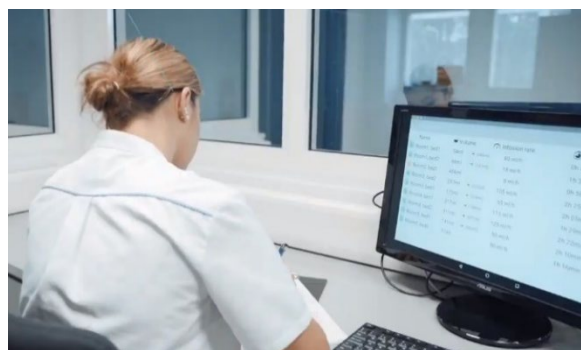
Monidor's new solution IV Screen remote infusion monitoring software is developed to improve patient safety and reduce workload of nurses on hospital wards. It shows overview of all infusions on the ward from one view. Real time infusion data and alarms can be seen remotely on mobile and PC screens when Monidrop infusion monitors are in use.

KallioPP is a joint municipal authority for health care in northern Ostrobothnia Finland. Nivala and Ylivieska health center wards piloted Monidrop and IV Screen remote monitoring in February and March 2019.

IV Screen daily use at Nivala and Ylivieska

IV Screen was used daily with antibiotic and drug infusions as well as with basic fluid therapy. It helped nurses to follow how the infusion treatment has progressed and when it is ready. Setting the amount of liquid was considered a very good feature. It helps in the planning of treatments as it is easy to see how much of liquid is left.

In addition to patients in the department, outpatient clients have also benefited from IV Screen. "Outpatient clients who come to antibiotic infusion therapy have been pleased because the treatments do not last too long as we can follow the appropriate drip rate and see when the infusion ends." Says **Katja Leppälä**, nurse from Ylivieska health center ward.



Benefits of remote infusion monitoring on busy health center wards

Monidor performed an online survey after the pilot use and nurses were very satisfied with the solution. 100% of online survey answers from Nivala and Ylivieska health care centers would recommend the solution for their colleagues and 87,5% think that IV Screen has increased their satisfaction with work. 100% thinks that IV Screen saves time for other tasks and helps night time observation. 90% thinks that it increases patient safety and saves time on other tasks.

"100% of online survey answers from Nivala and Ylivieska health care centers would recommend the solution for their colleagues and 87,5% think that IV Screen has increased their satisfaction with work."

Job satisfaction has impact on nurses well being and quality of care and therefore it is vital to strive to increase it^[1]. If the number of nurses cannot be increased on busy wards, technology could bring alleviation to their work and well being.

Monidor mission is to help work of the nurses and improve patient safety by ensuring accurate infusion therapy for every patient with Monidrop device and remote infusion monitoring.

Sources:

[1] International Journal of Nursing Studies, Volume 94, June 2019, "Job satisfaction among hospital nurses: A literature review" Pages 21-31