



Now our colleagues want to buy their own system – that is absolutely the best feedback you can get from your colleagues

– Tiina Lehto, Clinical Biochemist (NordLab)



20 minutes after samples are drawn, analysis results are ready

A new internal transportation system has minimised the Emergency Room (ER) turnaround time for blood samples at Oulu Hospital, Helsinki - the second largest hospital in Finland.

Rapid transport of blood samples has helped Oulu University Hospital decrease the patients length of stay in ER. Within minutes of arrival, blood samples are drawn and transported from ER to the laboratory, reducing turnaround time for crucial samples. This results in turnaround times of around 20 minutes from samples being drawn until receiving the results of the analysis.

“The clinicians were so happy about the results of Tempus600, that they wanted to buy their own system for the ward. This is absolutely the best feedback that you can get from your colleagues.” says Tiina Lehto, Clinical Biochemist, Joint Municipal Service Provider of Northern Finland Laboratory Centre (NordLab).

Smooth progress of transition

When the laboratory management heard about the Tempus600 solution, they went to Denmark to see how Tempus600 works. They were pleased with the efficiency of the system and, in 2016, hospital management decided to invest in the Tempus600 Vita.

“The installation was on time. The supplier promised to install the whole system within 2 weeks and they completed the installation as promised. Everything went smoothly, there were no delays and we were very happy about the entire process.”, says Tiina Lehto.

The challenge

To decrease the patient’s length of stay in Emergency Room.

The solution

Installing Tempus600, a lightning fast point-to-point line dedicated to the transport of blood samples. This results in turn around times of around 20 minutes from samples being drawn until results of the analysis are ready.

The benefits

- Reduced turnaround time of around 20 minutes decreases the patient’s length of stay in ER drastically
- Supports Lean Thinking through better workflow and improved processes and procedures
- Faster and gentler transport than with traditional Pneumatic Tube Systems

