

“ The main improvement is the speed and the fact that haemolysis is reduced because the samples can be transported much quicker than before. ”

Jens Hastrup, Clinical Biochemist



## Saving crucial time in the Acute Paediatric Department

In 2013, Kolding Hospital, Denmark, installed the Tempus600® system in their Acute Paediatric Department with the primary objective of speeding up the analysis of acute blood samples in the laboratory.

Today, all samples from the department are sent through the Tempus600® system. The system has been running 1200 samples a month since it was installed. Transportation time is only 40 seconds for acute samples, which results in savings of 30–60 minutes. This is a huge time saving factor and results in better treatment.

### Small tubes are not a problem

At the Paediatric Department, the samples are collected in special micro tubes. The micro tubes are labelled with barcodes, placed in larger tubes also labelled with barcodes, and secured for safe transportation. These large tubes are dispatched via the Tempus600® system and placed into the fully automated Sysmex/GLP systems track, which registers and places them in a special output section. From here, they are handled manually in the microanalysis process.

### Staff use Tempus600® to do the work

“The most significant impact on the staff’s daily routines is, that they no longer have to take the samples from the Paediatric Department to the laboratory several times a day, which is a return journey of 600 m. Now they can

stay in the department, collect the samples and use the Tempus600® system to send them to the laboratory where the staff handle and analyse them” explains Jens Hastrup, Clinical Biochemist at Kolding Hospital.

### The challenge

To speed up the analysis of acute blood samples from the Acute Paediatric Department.

### The solution

Installing the Tempus600® system in 2013.

### The benefits

- Time saved on transportation
- Eliminate handling – saves time
- Risk of haemolysis is minimised

