

“ The total turnaround time for blood samples has been reduced from 40 to 20 minutes with less resources involved. When doctors receive test results earlier, there is less waiting time for patients in the ER. ”

Dr. Rosada, Head of the Emergency Room



Faster treatment of urgent patients, with fewer resources, is now a reality at well-known Italian hospital

At Ospedale dell' Angelo – a brand new, high-tech hospital in Venice, Italy – management wanted to reduce patient waiting times in the Emergency Room (ER) and, at the same time, improve treatment with fewer resources needed.

The Tempus600® system was the solution to this challenge. Today, blood samples are sent directly, one by one, from the ER to the laboratory, speeding up the delivery, processing and the return of analysis results. According to Dr. Rosada, Head of the Emergency Room, the total turnaround time for blood samples has been reduced from 40 to 20 minutes with less resources involved. Staff must no longer carry urgent samples from ER to the lab – instead they can stay within their own department and take better care of the patients.

No time-consuming packing and unpacking of samples is necessary. The new innovative way of transporting blood samples replaces the handheld delivery that was previously carried out by staff. Blood samples were collected at a single point and placed in a special container. The transfer took place when necessary or when the phlebotomist had the time to walk to the laboratory with the container full of test tubes.

“Basically, we save human resources because staff no longer have to spend time carrying blood samples to the laboratory. Consequently, doctors receive the test result

earlier and there is less waiting time for the patients at ER,” says Dr. Rosada, Head of the Emergency Room.

The challenge

To reduce the patient waiting times in the Emergency Room and, at the same time, improve treatment with fewer resources needed.

The solution

Installing the Tempus60® system in 2017.

The benefits

- Total turnaround time for blood samples reduced by 50 percent resulting in less waiting time for patients in Emergency Room
- Saves human resources because staff no longer have to carry blood samples to the laboratory
- Faster test results benefits the patients

