

## Summary

The creation of an off site Hub laboratory facility by iPP has allowed the separation of all the routine and urgent work at the Musgrove Park Hospital and Yeovil District Hospital. Urgent and Routine pathology tests required different processes and methodologies for delivery of results. The separation of the work has created more consistent TAT for urgent tests and the creation of dedicated Essential Services Laboratory

## What we did

As shown in the image below, urgent testing was being delivered from an onsite facility that required investment and was not specifically designed for the processes needed to deliver an efficient urgent testing service.



*Musgrove Hospital laboratory before changes were implemented*

The transfer of routine testing to a new state of the art Pathology Hub (pictured below) allowed for the reconfiguration of the Essential Services Laboratory and changes to the layout and processes. These changes included moving the laboratory closer to A&E to improve on TATs..



*New Offsite Routine Pathology Services Hub*

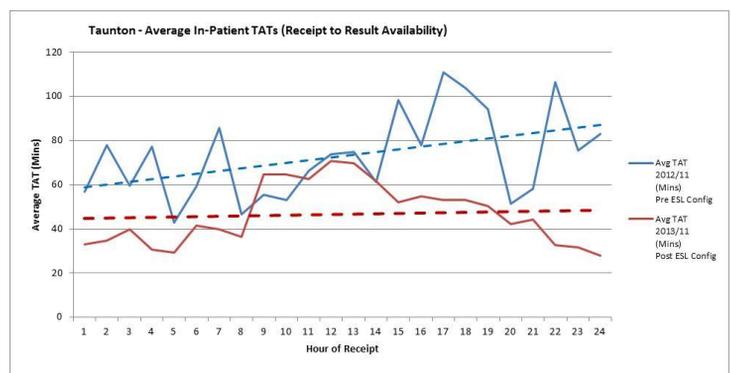
## Key Qualitative Benefits

The following are the main qualitative benefits achieved through the transformation.:

- Improved working environment for staff at both the Hub and ESL;
- Consolidation of Chemistry and Haematology equipment at the ESL in one location closer to A&E;
- Reduced transfer time of urgent samples to the laboratory;
- Installation of new equipment at the ESL and Hub;
- Release of clinical space back to the Trust, previously occupied by Pathology.

## Key Quantitative Benefit

The separation of routine and urgent activity has had a significant impact on the pathology services received by the Trusts. The comparison of data between November 2012 (pre test separation) and November 2013 (after test separation and ESL reconfiguration) shows how average TATs have significantly reduced from an average of 73 minutes to an average of 47 minutes. The graph below also shows that pre separation TATs were inconsistent and subject to high levels of fluctuation with the average TAT increasing throughout the day as routine work from GPs arrives in the laboratory. Post separation, TATs remain more consistent and the average TAT during the day remains the same (shown by dotted line) providing a consistent service



## Conclusion

The separation of urgent and routine work has provided an opportunity to significantly improve the quality of the service, reduce average TATs by more than 30% and removed fluctuations during the day on average TATs for urgent work