

Laboratory Optimisation and Capacity Assessment

BD would like to introduce the new Molecular Workflow Optimisation Service for BD MAX™ System

The main goals of this service will be to perform a **Laboratory Optimisation and Capacity (LOC) assessment** and gain a deeper understanding of your current challenges. This is a personalised and flexible service designed to help streamline your molecular samples pathway from arrival to result reporting.

The BD workflow expert team will be visiting your lab for 2 days to collect qualitative and quantitative data in order to provide guidance on how to optimise the use of your BD MAX™ and supporting workflow. A follow up meeting will be arranged to discuss the findings of the assessment.



Who is the BD expert team

- The BD workflow expert team is experienced in workflow optimisation and lean methodology
- This team of experts also has a strong knowledge in molecular diagnostics and a deep understanding of the BD MAX™ System
- They will be observing on all shifts and be mindful of your time by keeping disruptions to a minimum



Purpose of their visit

- Observe and gain insights into your current processes and workflow in all areas of the Molecular Departments
- Review your current practice and provide guidance to optimise the BD MAX™ utilisation and maximise resource allocation
- Look for ways to reduce non-value-added activities and improve your current testing capacity



What can you expect from this service?

- Receive recommendations to improve your efficiency and turnaround time
- Gain more insight of the system utilisation in order to increase your productivity and optimise staff workload
- Identify areas of improvement in the overall molecular workflow and reduce possible errors



Observe



Molecular Workflow

- Assess specimen delivery, handling and lab processes
- Understand lab organisation, shifts and resourcing



IT

- Understand IT infrastructure and support LIS integration
- Review LIS reporting rules to allow for a more efficient and compliant way to report results



Lab Design

- Review the lab floor plan
- Understanding of available services (power, compressed air, network, ...)



Lab Specimen Protocols

- Build an understanding of testing algorithms
- Help improve clinical outcomes with optimised reporting time



Design



Key Performance Indicators

- Align on your key performance indicators (KPIs)
- Understand your pain and focus on area that matters to you



Resource Utilisation

- Optimise resource utilisation according to an improved workflow
- Increase staff efficiency with a streamlined process



Workflow Optimisation

- Proposed an optimised BD MAX™ workflow to allow increase in testing capacity and efficiency gains
- Provide guidance on how to adapt post COVID-19 testing



Collaborate



Lab improved workflow

- Propose different improvements to allow labs to meet their KPIs
- Advice on lab layout options, aligned with lab needs and best practice LEAN methodology



Strengthen partnership

- Advice on future configuration to allow growth
- Provide sustainable recommendations and align with future vision



Adapt to changes

- Provide support and adjust to changing needs
- Remain informed with latest BD solutions development