

Inphinity Healthcare: Mission Critical Tools to Improve Patient Outcomes, Reduce Risk and Minimise Cost



Mission critical. Healthcare organisations need accurate, up-to-the-minute data that improves their ability to care for patients. Healthcare organisations that have real-time, connected data, workflows, and context, gain a big advantage for accelerated care. Inphinity Flow and Forms provides the intelligence in a cost-effective way to optimise your organisational processes and move you towards organisational excellence.

"To meet the demands of a modern healthcare system, agility and flexibility is required across your analytics platform. Inphinity Flow and Forms allows you to augment traditional ways of working, build quick workflows and support clinical engagement and context for better patient care and reduced costs."



Sean Price

VP Industry Solutions at Inphinity

Insight for everyone

Important insight is often 'locked' in a blizzard of source systems and informal practice. With Qlik, Inphinity Flow and Forms releases the untapped opportunity to visualise, measure, streamline, and improve business outcomes. SIMPLE and FAST, process workflows can be created in the Qlik native and secure environment, allowing you to collaborate issues, ideas and improvement opportunities across people, process and systems. An organisation's ability to learn, and translate that learning into action rapidly, is the ultimate competitive advantage.

"The use of writeback has been pivotal. Allowing our clinical staff to capture information in real-time and augment clinical records has been so important. Without question, it's a mission critical app that impacts on the safe care of patients"

Rob O'Neill

Head of Information at University Hospitals
of Morecambe Bay, NHS Foundation Trust



- ✓ Discover and understand your processes
- ✓ Measure and alert on process efficiency
- ✓ Identify variation and opportunities for learning and process change
- ✓ Provide context to your data, across people, process and system
- ✓ Model and optimise process change
- ✓ Improved governance of actions and overall assurance

Inphinity Flow and Forms can be deployed across all healthcare areas.
The below is an example of recent case study opportunities

Covid 19

The real-time tracking and assessment of Covid 19 results in an acute hospital is vital for safe containment and protection of patients. Traditional processes for obtaining test results, can often be locked in processes and technology that does not support rapid decision making and action. Described as “mission critical”, Inphinity forms is being used in real-time to show up-to-the minute test results, where clinicians add context and insight to support the best containment and safety decisions.

“Capturing any format of data and writing that back into the app in real-time, has transformed frontline engagement”.

Rob O'Neill

Head of Information at NHS

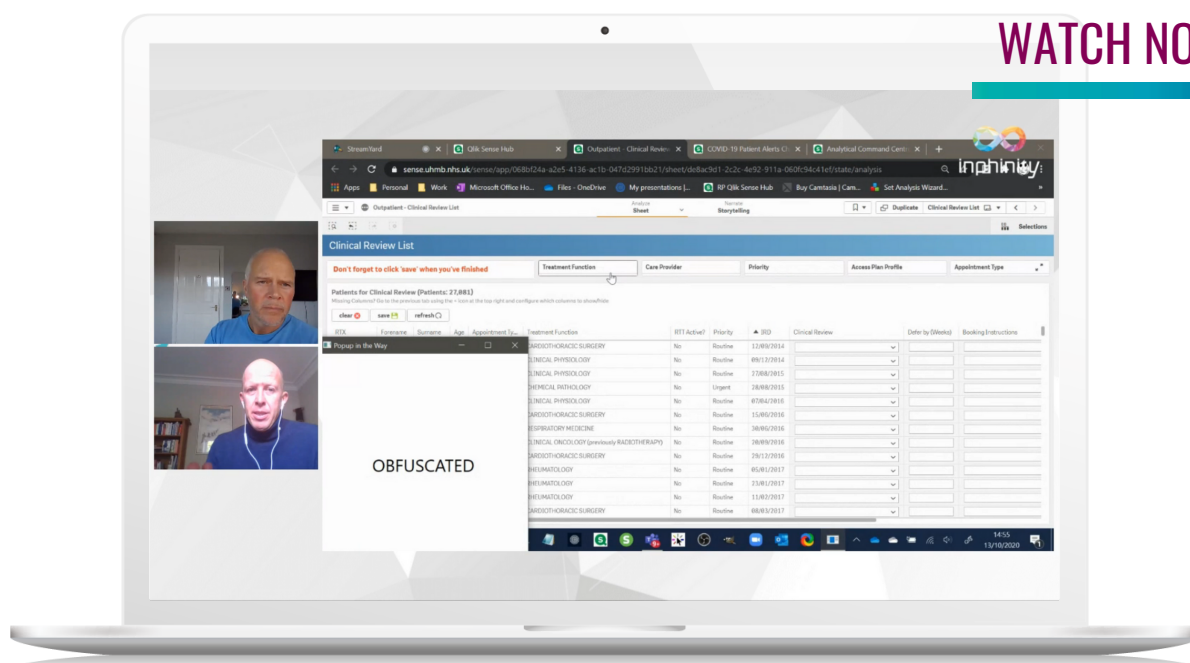


Outpatients Clinical Review

Covid 19 has put extreme pressure on traditional treatment processes. Patients waiting for routine treatment have been growing nationally and globally - presenting a significant long-term health risk. Designed with clinicians in mind, Qlik and Inphinity Forms is being used to support the management of clinical review processes. Augmenting gaps in traditional EPR workflows, patient lists can be reviewed by the clinician, where additional context and decisions can be added into Qlik to support an agile approach to prioritise and action key patient safety actions.

“Being agile, Inphinity forms embedded in Qlik has been really powerful. We would not be able to respond so comprehensively and safely without it.” Rob O'Neill

WATCH NOW



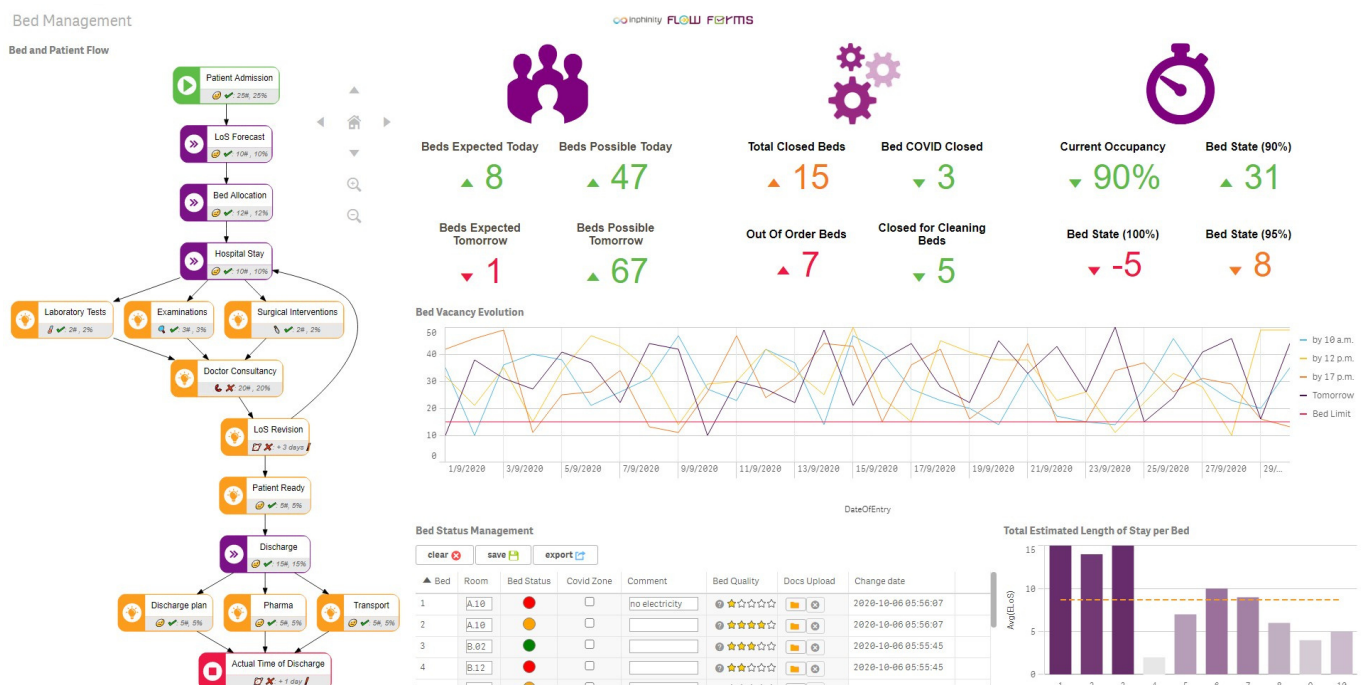
Patient flow – Live bed management

Good patient flow is central to clinical safety, patient experience, and reducing the pressure on staff. It is also essential for care standards.

Traditionally, one of the trickiest areas of patient flow to optimise and build into patient flow governance is bed management. As demand increases in A&E during the day, there becomes an acute pressure on bed capacity and the management of medical outliers. To maximise bed capacity, being efficient with the reduction in length of stay and discharge becomes critical. It is important to discharge patients before lunch, and this relies on a complex set of drivers from patient care plans being in place, to pharmacy requirements being ready to go. Traditionally, operating models often relied on phoning round or head counts by ward colleagues – sometimes even when bed management systems are in place.

The key to success is monitoring bed status across the hospital by location, type and specialty and integrating the bed management status into your patient flow governance. It is now more common to see this information being sent to a live Command Centre.

Providing an accurate bed's availability and estimated time to discharge is fundamental to patient flow success. This optimises the management of capacity, admissions and discharge. It also allows better planning of transfers and means beds can be reserved for elective and emergency admissions.



Clinical variation

Creating repeatable success. Context is paramount. Combining Inphinity Flow and Forms provides a unique opportunity to transform traditional clinical variation analysis and move to process intelligence and learning. We believe in giving you the opportunity to engage with analytics and provide professional context to your data. Traditional clinical variation data has often been provided in a 'static' way, without the ability for clinicians to add context into the result and share critical learning with peers. With Inphinity Flow and Forms, clinicians across the organisation can engage and add professional context such as data, text and documents to any area. Removing spreadsheets; discussion, ideas and opportunities can be collaborated in a simple and powerful way.

Some other healthcare areas that can be supported

Having visibility and control over your processes and outcomes provides a fundamental shift in organisational assurance. Excellence does not happen by chance. Governance through Flow and Forms provides an opportunity to push the boundaries of excellence in so many other existing healthcare areas too:

Length of stay (LOS)

augmenting traditional models with clinician context and actions

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Readmittance risk

Allows clinicians to add important context to readmittance models through simple workflows and actions

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Theatre utilisation

Optimise theatre capacity through optimising processes, people and system

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Command Centre

Allows context and actions to be work flowed across patient flow

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Budgets/Coding

Augment traditional coding workflows with the removal of spreadsheets and clunky processes

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Resourcing

Augment traditional resource processes with real-time capacity and capability data

Inphinity References

