



# Synopsis<sup>iQ</sup>

A VitalHub Company

## THE COMPLETE PRE-OPERATIVE ASSESSMENT SYSTEM

AT A GLANCE

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Synopsis iQ will allow us to transform our perioperative pathway to a fully electronic platform which will further improve each patient's experience alongside service efficiency.

It will facilitate a significant reduction in paper trail, instead replacing paper with a central digital dashboard linked to our PAS and theatre scheduling systems that contains all relevant patient information, both pre and post-operation, in one place.

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The Clinical Lead for Pre-assessment Services  
South Tees Hospitals NHS Foundation Trust



# Synopsis iQ at a glance



## What is Synopsis iQ?

Synopsis iQ is the complete pre-operative assessment solution. A web-based system hosted by your NHS Trust, Synopsis iQ enables better patient outcomes, reduces costs and increases theatre utilisation by:

- Replacing current paper-based pre-operative assessment with a digital platform.
- Providing the tools and workflow to assess all patients digitally, efficiently and accurately.
- Including decision support with a ASA, POSPOM, Stop-BANG or similar score.
- Helping to reduce post-surgery re-admissions.
- Being available from any networked Trust device.
- Integrating with existing IT systems.



## What features are included?

- Patient screening to capture clear and accurate information, with options for patient self-completion (web / kiosk).
- Triage points to streamline patients based on evidence, allowing the service to begin planning right away.
- Clinical assessment for high-risk patients, including in-depth clinical and anaesthetic investigations.
- Risk assessment highlighting risks associated with procedure, tailored for the individual patient.
- Planning covering setup, monitor ring and protocols; evidence-based preparation for the procedure.
- Follow-up questionnaire recording post-operative outcomes and patient satisfaction with the service.
- Clear and comprehensive workflow supports planning, summaries and reports.



## Proven benefits

- Improved theatre utilisation.
- Reduced cancellation rates - including on-the-day cancellations.
- Supports waiting list management.
- Increased patient throughput.
- Patients triaged faster.
- Reduced unnecessary pre-operative testing.
- Risks and issues flagged immediately.
- Locate patients for available surgery slots.
- Improve outcomes post-surgery.
- Improve morbidity rates.
- Quick set up / up-take.
- Paper elimination (including printing costs).
- Improve patient experience to surgery.
- Reduced risk from litigation.
- Governance is made easier and legal obligations are fulfilled.



## What makes Synopsis iQ different from other pre-operative assessment systems?

- Synopsis iQ is a proven solution from a specialist ISO-accredited UK supplier.
- The solution has a proven ROI and a clinically-established business case.
- Results achieved with the solution are published in the British Journal of Anaesthesia (2011).
- The architecture of the product is secure, robust and reliable.
- Synopsis iQ incorporates international coding standards including SNOMED-CT (NHS mandated).



## Results since Synopsis iQ was launched at Aintree University Hospital



Return on investment achieved in just 10 days.



Total in-year saving of £2.7 million with anticipated £4 million saving in Phase 2.



Zero cancellations of on-the-day surgery due to pre-assessment in the initial 4 months.



Clinical time saving of 27 minutes per patient (40%) achieved within 6 months.



94% reduction in paper and printing, reducing carbon footprint by 17.4 tonnes.



93% positive feedback on Synopsis iQ from patients.

