



Transforming the Pre-operative Pathway by Digitising and Redefining Pre-operative Data Gathering

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PRE-OPERATIVE ASSESSMENT – THE CHALLENGES

The Challenges of Paper Assessments



Paper has to be physically moved

Moving paper is a slow process



Lack of clinical decision support

Identifying risk is slower and estimating what effects the risks may have is more challenging



Assessments are completed slowly

Completing paper forms is labour intensive



Paper is only available in one location

Data is siloed and multidisciplinary collaborative working is difficult



DIGITISING THE PRE-OPERATIVE PROCESS

More Than a Digital Form

4

A nurse conducts a follow-up telephone or face-to-face consultation and completes the risk assessment

2

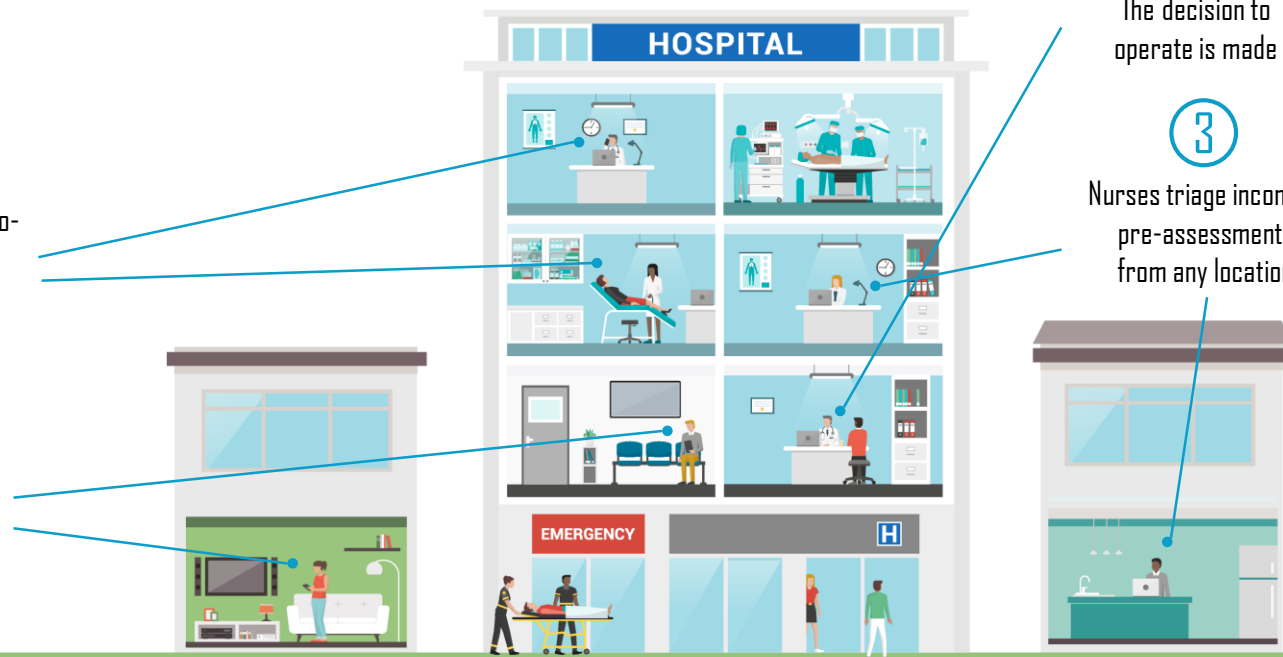
The patient completes their health questionnaire from home or at hospital, and the data is sent to the triage team

1

The decision to operate is made

3

Nurses triage incoming pre-assessments from any location





DIGITISING THE PRE-OPERATIVE PROCESS



Pre-operative Questionnaire



Risk Assessment / Optimisation



Surgery / Intervention

Patients : Benefits

- ✓ **Elevates the patient experience** – reduces the need for patients to travel to a hospital to complete their questionnaire
- ✓ **Reduces anxiety** – patients have access to their own pre-op journey and links to resources to educate them ahead of surgery
- ✓ **Supports multi-language requirements** – championing the needs of a diverse population

Nurses : Benefits

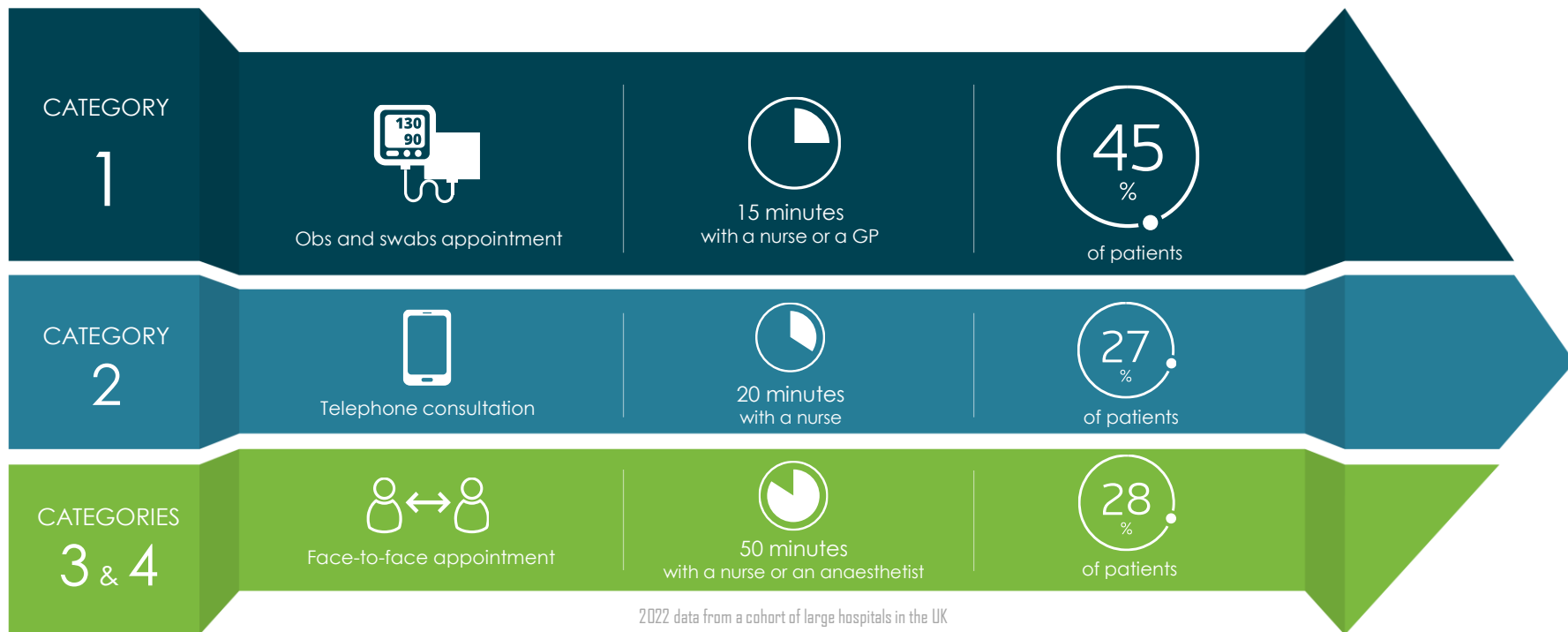
- ✓ **Reduces paperwork** – aligning with the Government recommendation to move away from paper and static PDF documents
- ✓ **Algorithmic clinical decision support** – algorithms help swim lane patients into pathways
- ✓ **Releases time** – enabling nurses to spend more time with patients

The Impact

- ✓ **Improves operational efficiency** – the patient's journey to surgery is streamlined
- ✓ **Increases theatre utilisation** – helping to reduce waiting lists
- ✓ **Improves collaboration** – the entire surgical team has access to patient data / outcomes
- ✓ **Improves communication** – across hospital departments, regional hubs & major hospitals



USING RISK SCORES TO SWIM LANE PATIENTS





RECORDED OUTCOMES

52
%

Reduction in pre-op activity time when patients complete their pre-operative health questionnaire at home



7,000 additional pre-operative assessments completed annually (41% increase)

60
%

Reduction in face-to-face pre-operative assessments



1,025 Kg CO2 saved by the patients using Synopsis Home during a 4 month period

64
%

64% of patients complete their pre-operative health questionnaire at home



Total in-year saving of \$4.7m with anticipated \$7m saving in phase 2 (Synopsis Home)

94
%

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



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





SUMMARY



More Than a Digital Form

Supports Government recommendation



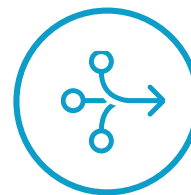
Improves Communication

Encourages multidisciplinary working



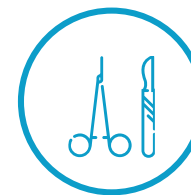
Provides Clinical Decision Support

Algorithms summarise vast amounts of risk data



Streamlines the Assessment Process

Reduces the administrative burden



Increases Theatre Utilisation

Enables patients to receive care in a timely manner