

CASE STUDY 2

Clinical Innovation Adoption

BENCHMARKING THE ADOPTION OF INTRA-OPERATIVE FLUID MANAGEMENT

Getting better sooner

Maintaining a patient's optimal fluid status during or immediately after surgery minimises post-operative complications and contributes to better recovery. Several intra-operative fluid management (IOFM) technologies are available. Data on suitability for different patient groups or procedures are lacking.

THE BENCHMARKING EXERCISE

A collaboration with the NHS Benchmarking Network, participation of NHS England (NHSE) and funding from NHSE Regional Innovation Fund was set up to:

- understand NHS and industry barriers to adoption
- increase speed of adoption across our region
- create a business planning tool for providers and commissioners
- inform national policy

Anaesthetists and theatre nurses from all hospitals across our region and Central Manchester hospitals provided data.

IOFM PRACTICE VARIES WIDELY

Data (comparing practice for over 460 procedures against CQUIN guidelines) presented at the National Theatre Benchmarking Conference, London, in March 2015 showed:

- For emergency laparotomy, all six responding Trusts used IOFM
 - For total spleen excision, half (3 of 6) Trusts “usually” used IOFM, the other half “sometimes”
 - For breast reconstruction using abdominal flap, only one of four Trusts responded “always”
- Of concern, 83% respondents reported inaccurate readings or other equipment problems

NHS BENCHMARKING

We are sharing our findings with participating Trusts and other AHSNs, with the intention that NHS Benchmarking includes the IOFM benchmark in the National Theatre Benchmarking Project for national roll out later in 2015. 47,000 people across our region's 3.3 million population could benefit.



**A potential NHS saving
of £24.3 million**

“...support from clinicians in all of our hospitals has been key to the success of this project.”

Professor Gary Ford
Chief Executive, Oxford AHSN

“...it has been wonderful to collaborate with colleagues across the Network. They feel it is a useful innovation and adopted it because they feel there will be good outcomes.”

Dr Emmanuel Umerah
Anaesthetist and Deputy Medical Director,
Frimley Health NHS Foundation Trust