



## SuiteSurgery

Innovative clean air solutions  
addressing immediate and  
future clinical capacity needs





# Introduction to SuiteSurgery

## Why SuiteSurgery?

SuiteSurgery products, Surgicube and Toul are created for medical professionals who want to increase clinical capacity in acute services while providing safe and comfortable environments for patients.

- Cardiology
- Dermatology
- ENT
- Ophthalmic
- Orthopaedic
- Plastic and aesthetic surgery

## Embrace solutions to your current challenges

Every healthcare institution faces daunting challenges. From ensuring patient safety to reducing costs, there is always room for improvement. With SuiteSurgery, you will optimise operations and greatly improve quality of care for your patients.

## We see your challenges

- Surgical Backlog: Hospitals are facing capacity constraints, leading to a backlog of surgeries.
- '7.60 million cases, consisting of approximately 6.37 million individual patients waiting for treatment' (December 2023, NHS England).
- Long Waiting Lists: Patients endure prolonged waits for ophthalmic and minor surgeries, impacting their quality of life.
- Patient Satisfaction: Delays and infection risks contribute to patient dissatisfaction and compromise healthcare outcomes.

The ultra clean sterile surgical environment created minimises the risk of infections and complications during procedures, ensuring the highest standard of patient safety.

# The Solution You Need

- **Increased Surgical Capacity:** Surgicube and Toul Operio enables hospitals to conduct more surgeries without the need for extensive infrastructure changes. From new theatre builds, surgical hubs and community diagnostic centres to private clinics we have a solution.
- **Streamlined Patient Pathways:** SuiteSurgery products can facilitate streamlined patient pathways out of main theatres by optimizing surgical workflows, reducing wait times, and enhancing patient throughput.
- **Solution for 'Care Closer to Home':** Surgicube serves as a solution for delivering high-quality surgical care closer to patients' homes, aligning with the Getting It Right First Time (GIRFT) initiative. By enabling surgeries to be performed in community diagnostic centers and other community-led services, Surgicube helps relieve pressure on hospital infrastructure while ensuring timely access to essential healthcare services for patients.
- **Enhanced Patient Safety:** Surgicube and Toul Operio's ultra-clean air technology minimises infection risks, ensuring the highest standard of patient safety.
- **Cost-Effective Solution:** Surgicube and Toul Operio optimizes existing resources, providing a cost-effective solution to address surgical backlog and waiting lists.
- **Location Independence:** Surgicube and Toul Operio allow for flexible utilization of space, unlocking capacity and maximizing surgical efficiency. The Surgicube requires a minimum room size of only 20m<sup>2</sup> (e.g. 5m x 4m) with no requirement for an air handling unit.
- **Proven Track Record:** Backed by case studies and success stories from renowned institutions like Moorfields Eye Hospital and Devon and Exeter NHS, Surgicube delivers tangible results.



*"This investment made by Ramsay UK in the hospital is a further significant milestone in increasing the responsiveness of Woodthorpe to the requirements of the local community and NHS Nottingham. Our capacity for cataract surgery has now more than doubled and will be invaluable to our GP's and their patients. This helps to build our reputation for fast effective services. It also enables us to locate the service appropriately in the hospital estate to allow excellent pathways, reduced congestion in clinical areas and frees theatre capacity for other specialities to access."*

Mr Paul Scott, Hospital Director at Ramsay Woodthorpe Hospital

# Why Choose SuiteSurgery

## Enhancing Surgical Volume: Core service recovery.

- Surgicube and Toul Operio's facilitate increased surgical volume, aligning with the immediate priority of recovering core services and productivity outlined in the NHS mandate for 2023/24.
- By optimising existing infrastructure and streamlining surgical processes, hospitals using Surgicube contribute to a rapid and efficient recovery of essential healthcare services.

## Patient Satisfaction and Recovery - Core Service Recovery and Long-Term Plan Ambitions:

- Surgicube and Toul Operio's contribution to faster recovery times and enhanced patient satisfaction supports both the immediate priority of core service recovery and the long-term ambition of providing patient-centred care outlined in the NHS Long Term Plan.

## Strategic Deployment of Resources - Service Transformation and Future Readiness:

- Surgicube and Toul Operio's mobility allows for strategic deployment of resources, contributing to the ongoing transformation of the NHS for the future. This adaptability aligns with the mandate to continue evolving the healthcare system to meet the changing needs of patients and the broader healthcare landscape.

*"It is possible to establish a suitable environment for ophthalmic microsurgery within a clean draft free room using a mobile surgical hood such as the Surgicube. The Surgicube comes in a range of sizes and is a modular system requiring construction within a suitable room and directs a flow of ultraclean air over the operating area."*

Royal College of Ophthalmology: Theatre Facilities and Equipment 2018, section 5: Mobile Surgical systems

Scan the QR code  
to learn more



# Surgical workspaces reinvented



Surgicube	
Mobile	No
Location independent	Yes
Does it work independent of existing HVAC systems?	Yes
Does it meet ISO-5	Yes
Air changes per hour?	1200m³/hr
Pre-filter(s)	G4/F7
HEPA-filter	H14
Filter efficiency:	≥99,995 according EN1822
Building work?	No, 'plug & play!'
What are the applications for use?	Cardiology, Dermatology, ENT, Ophthalmic, Orthopaedic and Plastic & aesthetic surgery
Lead time	10-12 weeks
Installation & training	48 hours (construction on day 1, validation and training on day 2)
How long do I have to wait until I can operate?	Once turned on you can use it straight away due to the ultra clean air flow creating a sterile zone immediately



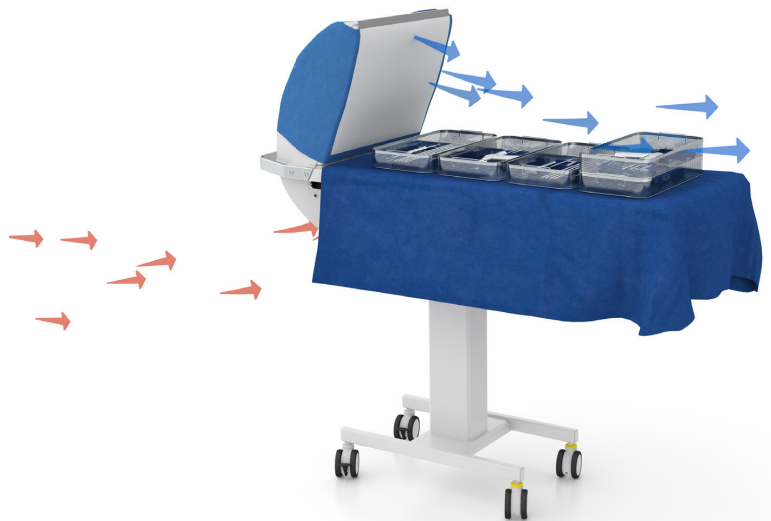




# SuiteSurgery

Smart. Simple. Safe.

Toul Operio Mobile	
Mobile	Yes
Location independent	Yes
Does it work independent of existing HVAC systems?	Yes
Does it meet ISO-5	Yes
Air changes per hour?	400m <sup>3</sup> /hr
Pre-filter(s)	G3
HEPA-filter	H14
Filter efficiency:	≥99,995 according EN1822
Building work?	No, 'plug & play!'
What are the applications for use?	Cardiology, Dermatology, ENT, Ophthalmic, Orthopaedic and Plastic & aesthetic surgery
Lead time	7-10 days
Installation & training	1-2 hours
How long do I have to wait until I can operate?	Once turned on you can use it straight away due to the ultra clean air flow creating a sterile zone immediately



Inspired?  
Learn how the Surgicube and  
Toul Operio works here

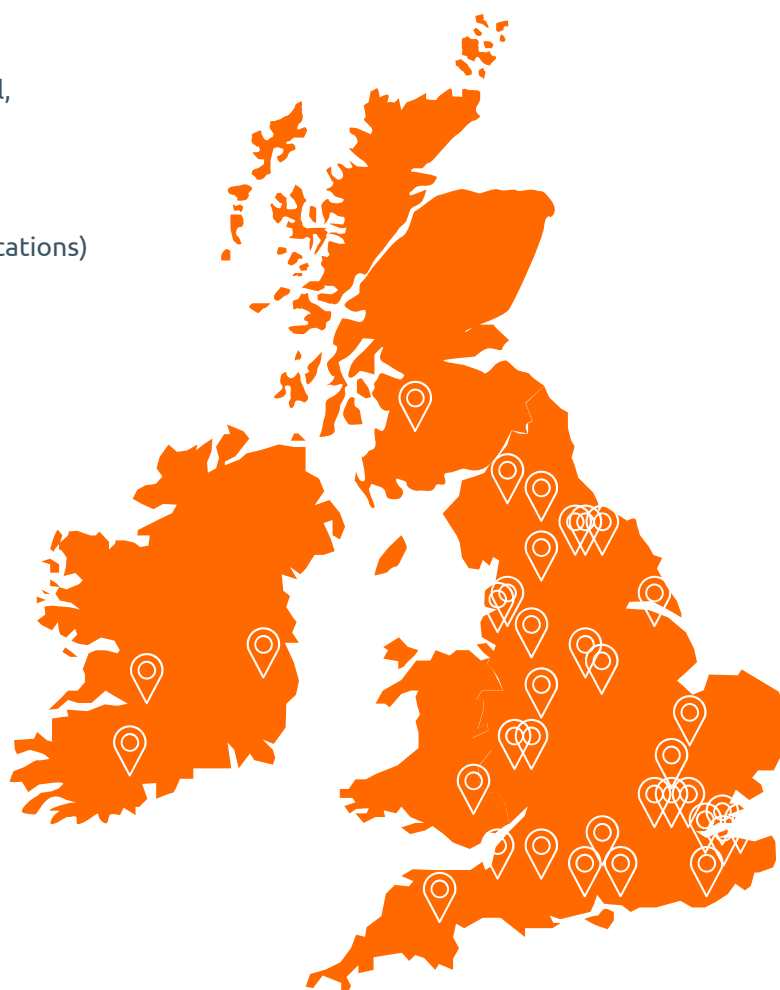


# SuiteSurgery locations

Esteemed institutions across the NHS and private sector have chosen Surgicube and Toul Operio as a reliable and reputable choice for elevating their surgical practices including:

- Moorfields Eye Hospital, London
- Moorfields Private Hospital, London
- Centre of Excellence for Eyes, Nightingale Hospital, Royal Devon and Exeter
- Bon Secours Hospital, Ireland
- Ophthalmic Consultants London (multiple clinic locations)

To hear from  
some of our  
customers  
scan here:



## Join the SuiteSurgery Revolution

For more information or to schedule a consultation to explore Surgicube or Toul Operio's potential, please contact:

[enquiries@spectrumophthalmics.uk](mailto:enquiries@spectrumophthalmics.uk)