



Theatre Accreditation

The air we breathe is a common vector for the transmission of harmful pathogens, with the potential to cause infection.

With a constant and high volume of traffic of people and equipment, operating theatres create the ideal conditions for contamination to spread through people, surfaces and the environment. Overstretched hospital resources make it essential that the risk of Surgical Site infections is minimised to decrease post-operative hospital stays and increase the level of care given.

The Risk of Infection

Hospitals are familiar with the risks of HAI's and the costs of MRSA infections. Evidence suggests MRSA and *Aspergillus* in particular can pose a risk as airborne pathogens.

It is becoming apparent that there is an increasing discrepancy between demands on the NHS and hospital resources available which can be seen in the increased length of waiting lists, especially for elective surgery. It is essential that the risk of SSIs is decreased to control the length of hospital stays and, therefore, the issue with waiting lists. By ensuring theatres are accredited, this can be achieved as well as meaning hospitals are in line with NICE SSI guidelines.

The Most Susceptible

Whether it be in theatres or specialist areas which care for patients whose immune systems are compromised, maintaining air quality is essential in reducing the risk of transmission of infection. When these groups of patients acquire an infection, it is likely to result in a longer hospital stay, impacting the throughput of patients and bed capacity, as well as cost of care.

In theatres, it is essential to provide safe, clean air to reduce the risk of Surgical Site Infections (SSIs). Other factors required in auditing guidelines for full accreditation include validation that air pressure, velocity and filtration systems are in good working order and air sampling and analysis, which is all provided under our service.



Did you know...

4m

THERE ARE NOW OVER
FOUR MILLION PEOPLE
WAITING FOR ELECTIVE
SURGERY, THE HIGHEST
LEVEL SINCE 2007¹

- Several microorganisms, including Staphylococci can survive for prolonged periods in the environment and since these organisms normally live on skin, they can accumulate in dust. Staphylococci are an important cause of surgical site infection¹



Sources: See overleaf.



How Inivos Can Help

Our theatre accreditation service can be delivered as both an on-call service for emergency situations, a specific area or a project or as a scheduled managed service contract. Our work is carried out in compliance with all relevant health and safety regulations².

This enables us to reduce the risk of a patient acquiring and infection whilst in hospital, by reducing the number of reservoirs available for dangerous pathogens to multiply.

Our Service

We manage the project from end-to-end to ensure all stakeholders are aligned through clear communication of a complete project plan. Our teams of qualified Technicians are able to operate 24 hours a day, 365 days a year to ensure rapid turnaround and minimum disturbance or disruption to the clinical schedule. This involves:

Varified Testing

Our qualified technicians are trained to meet your needs and using their wide breadth of knowledge will carry out the relevant tests required to validate the operating theatre. The range of assessments that can be carried out include ACH measures, air velocity testing, filter integrity testing, particle counts, microbiological active air sampling and analysis and airflow visualisation. Our technicians are also equipped with highly sophisticated validation testing equipment to ensure the highest level of accreditation.

Post-Assessment Validation

After we have completed our assessment, we will provide a comprehensive report as well as validated accreditation to show that the theatre has fulfilled relevant guidelines. If the assessment results show that any guidelines have not been reached, we can provide authenticated advice on appropriate steps required to correct this.

Our Approach

As experts in understanding the importance of infection prevention and control, we pay particular attention to our methods of work to ensure the process is effective by controlling the risk of cross contamination between areas.

Our knowledge and experience takes care of sealing and isolating ducts sectionally so as to prevent contamination of already serviced partitions.

Why Inivos?

Not only are we an established and trusted name in healthcare, with facilities and hospitals around the world relying on our advanced hydrogen peroxide vapour and UV-C light disinfection robots, but we also offer a level of expertise second to none, and services not provided by other companies, including call-outs, pre-cleaning assessments and decontamination.



Multiple areas included



Evidence based processes



Validated assurance



Dedicated project management

Helping you provide patient-ready spaces with on-call decontamination and managed services



Our Inivos services are easy to arrange and tailored to your requirements:

Call **0845 270 6690** or email **customerservices@inivos.com**