

# toul

meditech



# Advantages of Toul

*Prof. Whyte in 1973: “Everything which is to come into contact with the wound has been made sterile, except the air, which is in contact with everything”.*

## What we do

We innovate HEPA filtered air devices. Our products reduce potentially dangerous bacteria carrying particulates from the air and provide a local clean air zone around the surgical site and over the sterile instruments. Hereby decreasing the risk of postoperative infections as well as saving lives and money.

## Surgical Site Infections

A primary cause of surgical site infections (SSIs) is airborne contamination from bacteria-carrying skin particles, which can sediment on surfaces sensitive for surgical asepsis. Typically, around 50-200 colony forming units per cubic metre (cfu/m<sup>3</sup>) of air are found in conventionally ventilated operating rooms.

The most common source of bacteria is considered to be the operating theatre personnel working in close proximity to the site of the operation. Prevention and cure of SSI's place an enormous burden on medical and financial resources, both during surgery and post-operative hospital care.

## Our Solution is a breath of fresh air

Toul Meditech mobile laminar airflow units have been used in Scandinavia since 2003, providing an ultraclean, horizontal flow of air directly over the surgical site and instruments and acting as a barrier to minimize the presence of bacteria-carrying particles. Toul Meditech systems are ready for use following delivery.

## Save Money and Save Lives

The installation of Toul Meditech units has far-reaching benefits, not just in patient healthcare, but in the financial sector of the hospital. Altogether the payback time is very short - avoid one infection and the investment has paid for itself.

The smart alternative to keep your  
instruments and wound site sterile  
and SSI's out of your OR



SteriStay

# Ultra Clean Air distributed from a flexible ceiling hanged unit



Operio Ceiling

# Perform injections in office with the Operio Mobile

HEPA filtered air is blown over the instruments and patient.  
The dimension of the sterile work field is pointed out with the help  
of a visual indicator.





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