

Operating rooms for field hospitals and military field hospitals as well as emergency operating theatres

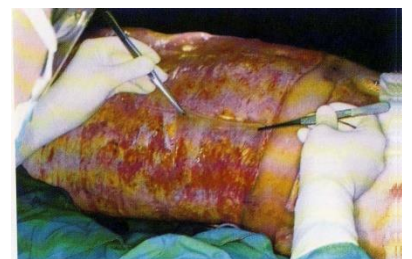
Operio is a mobile focused laminar flow unit which creates immediately sterile conditions for field operating rooms/operation theatres in emergency situations like war, earthquake or similar situations. The sterility achieved with the mobile laminar air flow is similar to an operating room. It enables surgeons to perform emergency surgery in a field hospital operating theater in best possible hygienic conditions despite the critical emergency situation. The removable integrated instrument table can also be removed to use the unit directly for burned patients or to carry out the medication of burned patients.

The units are very cost effective and can be used immediately as they only require a normal power supply of 230 V



After natural catastrophes, terrorist attacks, wars it is important to have immediate access to medical assistance

- protecting burned patients
- quick and easy solution for producing sterile air
- keeps the operating field sterile even in extreme conditions
- can be used immediately without waiting time
- sterile protective screens (single use) for highest possible asepsis



Providing immediate sterility for operating theatre in surgical field hospitals



Reduce surgical field and instrument contamination up to 95 %

Operio is a focused laminar flow unit positioned in the perioperative area directly on the surgical wound, without introducing obstacles into the zone. This technology continuously produces sterile air, removing airborne particles and microorganisms from the critical zone of the surgical site and instruments

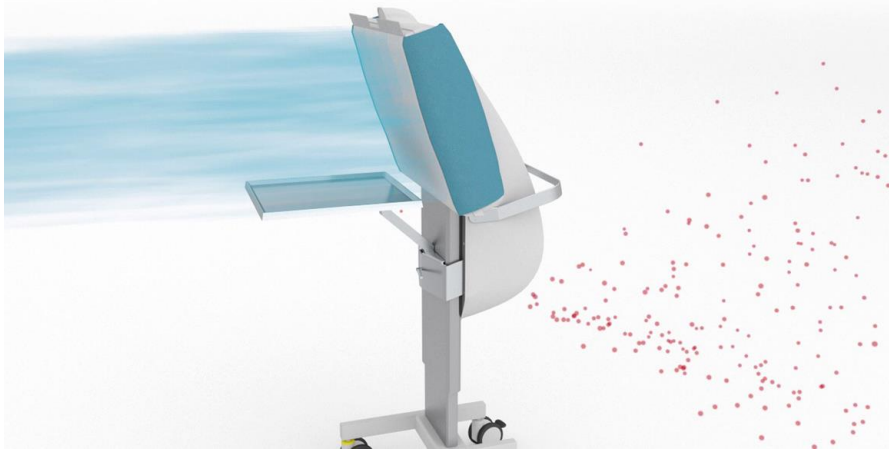


The focus laminar air flow keeps the instruments and the operating field **extreme sterile** as there are **no obstacles** like surgical lights or operating staff in between

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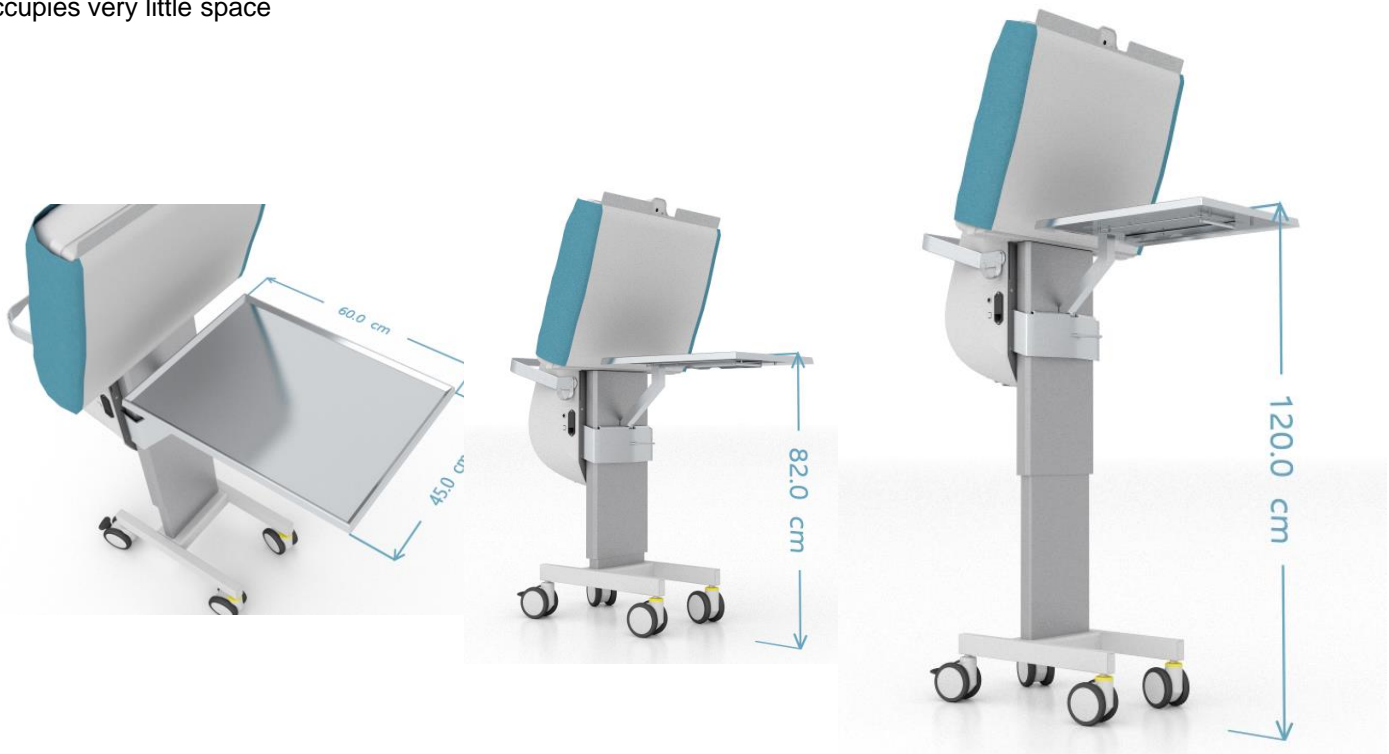
Ultraclean conditions for surgical operating room in field hospitals and emergency operating theatre:

Operio sterile air flow system creates extreme high degree of asepsis for best surgical operating room conditions



Operio: the Operio focused laminar flow unit sucks in the air around the operating theatre and filters it through Hepa H14 filters (best available filters), cleaning the air of 99.99% of bacteria and microorganisms. The focused laminar flow acts directly on the surgical site and instrument table without being impeded, thus reducing by up to 95% the bacterial load on the surgical site and instrument table compared with conventional ventilation systems.

This protects the critical area of the operating theatre, i.e. the instruments and the surgical site. The fewer the bacteria that enter the patient's body via the instruments or surgical wound, the less antibiotics are needed to combat them. The unit is the perfect solution also for small operating rooms or operating rooms with a limited height as it is very smart and occupies very little space



The sterile air flow unit Operio unit can be used with different sizes of instrument tables. An electric height adjustment ensures maximum comfort for surgeons and hospital staff. A sterile protective cover guarantees maximum asepsis and ensures that the height adjustment can be activated directly by sterile operating room staff. The sterile protective cover uses a bar code system for traceability purposes.

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