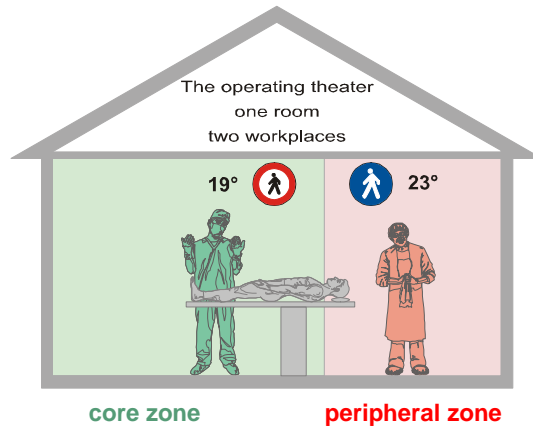


ADMECO-Area Concept OP



In order to respond to the requirements of asepsis and to improve the working conditions for both surgeons and anesthetists, the operating theater is defined in a central area called the "core zone" 3.2 m x 3.2 m and a surrounding area or "peripheral zone".

The **core zone** is reserved for the wound area, the surgeons and instrument nurse in sterile clothing as well as for all sterile instruments.

The **peripheral zone** is reserved for the anesthetists and all nonsterile auxiliary equipment e.g. electric scalpel, arthroscopy apparatus, various monitors, etc. We have been using this concept, with great success, since 1980 and we have realized more than 750 operating rooms.

Over the years ADMECO, in order to put together this concept, has developed a whole range of specially designed components and products.



The above reference site shows the Borghorst Marienhospital in Steinfurt - Germany

- Products: ? Laminar air flow outlet ULA 32/32 UL 4/4 ECM (3.2 x 3.2 m) with surround glazing
 ? Cabin model LFH 32/32
 ? Integrated recycling fans
 ? Surround energy bridge MVB 60° Typ U
 ? Indirect low-glare operating field lighting
 ? Additional equipment, e.g. moveable load carriers, etc.

ADMECO-Area Concept OP

A whole range of specially designed ADMECO-Components:

The integrated concept can only be achieved by using components specially designed for this purpose. ADMECO has therefore developed its own:

- **ADMECO-Air**
Air ceiling outlets
- **ADMECO-Med**
Energy bridges
- **ADMECO-Lux**
Surgical lamps
- **ADMECO-Vac**
Ventilated protection system
- Operating cabins with low glare integrated indirect lighting
- A multitude of supports for auxiliary apparatus and equipment of all kinds e.g. microscopic arm
- Metallic ceiling with integrated lighting concept for a clean



Operating theatre St. Josef in Moers, Germany, equipped with the ADMECO air conditioning ceiling ULA 26/26 UL-4 ECM, cabin model LFH 28/29, energy bridge MVB 45°/65° Typ U and ADMECO-Lux surgical lights model Typ 6SI/6SI.

„You too can take advantage of ADMECO’s integral concept where every detail has been considered and resolved!“



The high quality of our installations is proven by the thousands of bacteriological air quality measurements which have been taken during