THE MODULAR SYSTEM
FOR FLEXIBLE ROOM DESIGN
VARIOP
**Ahead of its time:** The MAQUET Group is one of the leading global providers of medical technologies and therapeutic applications for surgical workplaces and intensive care units. Perfectly coordinated products ensure optimal medical treatment and therapy for clinic patients. MAQUET maintains ongoing relationships with users and planners and has therefore developed sound specialist knowledge of the technical and conceptual requirements in hospitals.

It is exactly this foundation upon which VARIOP was created. The fully-integrated modular system adapts to all spatial conditions and is suitable for new buildings as well as modification and expansion projects. Short construction times, the very highest degree of flexibility and a secured investment contribute sustainably to the profitability and efficiency of hospitals.

**MAQUET – The Gold Standard.**
The Basis for Versatile Rooms
WALL AND INSTALLATION ELEMENTS

Anything but one-sided: The modular wall system can adapt to the most varied building conditions. The framework is formed by a substructure. The wall elements are available in various colors, materials and finishes. Should the client require antibacterial powder coating, we can provide products inspected and certified in line with Sanitized® quality standards. The antibacterial effect is based on the natural ingredient silver which inactivates bacteria or inhibits their growth. Prefabricated components ensure the shortest possible installation times and optimized project management. Operating room downtimes are minimized: A benefit which certainly pays off. The wall elements can be easily disassembled and reinstalled without any special tools.
Faster and safer: The flexible installation elements enable the well-organized arrangement of switches, sockets and gas supply outlets while doing optimal justice to functionality and design. The easy assembly and disassembly of individual elements allows quick access to medical gases, electrical and multimedia installations. Clients are thus best equipped with the optimal prerequisites for adapting both operating rooms and intensive care units to cutting-edge technologies and to meet their constantly changing needs. Changes in the upper and lower wall elements can be made without having to disconnect electricity and gases.

Satisfies highest demands: VARIOP complies with the stringent quality requirements placed on surgical workplaces and intensive care units down to the very last detail. The system itself is a complete unit. Wall and ceiling elements are sealed down to the substructure so that the required pressure conditions can be realized. The wall elements are resistant to all hospital-approved cleaning agents and disinfectants. VARIOP fully meets all construction requirements in terms of fire, radiation and sound insulation.
FITS DOWN TO THE VERY LAST DETAIL
DOORS AND BUILT-IN ELEMENTS

Do come in: Whether hinged or sliding doors, manual or automatic, VARIOP offers door elements that satisfy all client requirements and work processes. VARIOP doors are available in various matching colors to meet the clients’ high expectations in terms of design. Glass inspection windows with integrated venetian blinds or roller blinds, laser resistant if required, ensure sufficient transparency while taking into consideration the patient’s need for privacy. All VARIOP doors are operated by switches or on a non-contact basis via sensors.

A beautiful view: Glass forms the link between the different areas. It contributes to the patient’s well-being and also improves the working atmosphere. VARIOP offers windows and ceiling-high glass elements which can be integrated into the wall system. Blinds to darken or close off the room can be added on request.
Everything under control: Central information and control panels play a significant role in ensuring safety and functionality in the operating room. Intuitive usability and a clear arrangement of keys make sure that the user is on top of things even during the most critical situations. The flush-mounted integration of the control panels into the wall elements guarantees optimal hygienic conditions.

For the digital future: MAQUET offers an OR integration solution specially designed to meet hospital requirements – AV CONFERENCE.

AV CONFERENCE is used in all relevant areas of modern image data management: from image distribution and recording to the live transmission of images and video sequences from the OR. The operating panel is fully integrated into the wall and provides access to an internal PC within the clinic. Patient and image data can be called up and distributed to the required monitors in the OR. AV CONFERENCE is a modular system which can be expanded as and when required.
Meeting all requirements: The solid substructure allows the flexible selection of mounting points on the unfinished ceiling. The suspended ceiling consists of individual metal cassettes integrating air-supply ceiling, operating lights, ceiling service units as well as room lighting. The air-supply ceiling reduces the risk of infection during surgery and provides optimal room temperature and humidity.

Open to change: In the event of maintenance or conversion projects, the cassettes can simply be disassembled and then reinstalled – perfect when changes have to be made to the room lighting or the air-supply system. The VARIOP ceiling system ensures quick access to building installations such as air-conditioning, medical gases or electric installations. Here too, the modular system is a definite timesaver which further minimizes any risk of losing income resulting from operating room downtimes.
Design and interior design are gaining significance in the clinical environment. Besides the medical and technological processes and services, hospitals are increasingly focusing on the well-being of personnel and patients. More and more surgeries are being performed with local anesthesia. The patient is therefore fully aware of his surroundings.

The program VARIOP INDIVIDUAL opens up numerous possibilities for project layouts. Appealing colors and color combinations create a pleasant atmosphere. Wall and glass elements can be designed in line with the clients’ requirements. With the VARIOP Design Tool, the client can choose various color and motif combinations.
THE HOSPITAL IN A NEW LIGHT
COLORS, IMAGES AND LIGHTING

Individually printable wall elements provide a pleasant ambience. With the latest printing technology, the image is directly printed onto the wall element. Motifs can therefore be chosen to fit to the respective function area. The program VARIOP INDIVIDUAL enables client-specific interior design with unlimited possibilities.

Ceiling-high glass doors and glass elements allow light to enter the rooms, creating a friendly atmosphere and a new sense of space. Optionally, the glass elements can be equipped with blinds or be printed. The use of special glass enables the conversion from opaque to transparent glass with the push of a button in mere seconds.
The use of dynamic and colored light supports state-of-the-art treatment methods. The personnel must be provided with optimal lighting conditions during surgery or in the event of an emergency. For endoscopic procedures, optimal image contrast on the monitor is imperative. In surgery or recovery areas, lighting can be used to create a gentle atmosphere.

Patients, doctors and nursing staff feel more comfortable and stress factors are reduced. Hospital staff can make use of programmed lighting scenarios or even create them.
INTELLIGENT SOLUTIONS
VARIOP FOR SENSITIVE AREAS

In intensive care units patients suffering major to life-threatening diseases are often treated over a long period of time. The main focus here is placed on medical and professional care. Tension among personnel as well as among the visiting family members is at its highest. Therefore it is important that the surroundings are not dominated by the medical equipment and technology only, but are optimized using colors, glass and light. The modular room concept VARIOP is the ideal solution for sensitive areas such as intensive care units, isolation rooms, ERs or recovery rooms. The design options offered by VARIOP INDIVIDUAL have a positive effect on patients.
VARIOP is also the optimal solution for rooms such as sterile goods storage, central sterilization and the corridors leading to operating rooms and intensive care units. The fully-integrated system meets the very highest hygienic standards needed here. New spatial requirements as well as the reorganization or expansion of surgical departments demand modular and flexible room systems. Equipping an entire department with VARIOP means thinking about tomorrow and planning the future sustainably. VARIOP combines sophisticated interior design with maximum functionality.
By specialists for specialists: MAQUET has in-depth knowledge of the high standards of hospitals and clinics and develops comprehensive concepts for efficient and streamlined processes. For decades, MAQUET has been providing complete solutions for ORs, nursing and intensive care units, recovery rooms and ERs as well as all auxiliary rooms. MAQUET accompanies its clients from the start of a project through to the final handover. Consulting, conception, realization and after-sales service – MAQUET takes care of it all.
Perfection from A to Z: As a leading provider of OR equipment, MAQUET offers medical solutions that set new standards in patient care in terms of quality, functionality and reliability. Practice-proven and optimized products enable smooth OR processes and contribute to best-possible results. Medical, functional and economic efficiency are therefore positively integrated at MAQUET.

[1] Brilliant light
High-performance OR lighting for optimal illumination at the surgical setting.

[2] Digital communication in real-time
Whatever images may be required for a surgical procedure, digital OR integration with AV CONFERENCE enables the easy administration and presentation of various image sources, e.g. endoscope, c-arm, microscope, image intensifier, OR light camera, PC or anesthetics data.
[3] Economic and multifunctional
OR tables and OR table systems for the very highest demands and all surgical disciplines.

[4] Perfect organization
The high functionality and flexibility of the ceiling service units simplify work processes in the OR.

More than 5,000 units installed: VARIOP has proven itself worldwide. With its high degree of flexibility and quick access to all installations, this modular room system is a future-proof concept. VARIOP is the unique combination of functionality, design and efficiency.
GETINGE GROUP is a leading global provider of products and systems that contribute to quality enhancement and cost efficiency within healthcare and life sciences. We operate under the three brands of ArjoHuntleigh, GETINGE and MAQUET. ArjoHuntleigh focuses on patient mobility and wound management solutions. GETINGE provides solutions for infection control within healthcare and contamination prevention within life sciences. MAQUET specializes in solutions, therapies and products for surgical interventions and intensive care.