

DIGITAL OR INTEGRATION

**With the new version of the AV Conference 3.0,  
Maquet presents the ideal solution for complete,  
digital OR integration**

Rastatt/Germany, June 2010: "Optimum access and recording of patient-relevant image and data sources, central control of equipment such as operating tables and OR lights, combined with significantly improved ergonomics for our medical staff", is how Giovanni Spina, Technical Director of the Ospedale di Rovigo in Italy, summed up the decision to opt for the OR integration solution with the new version of the AV Conference 3.0 as provided by workflow specialists Maquet.

The hospital also decided to have a complete OR solution from Maquet. The installation of Alphamaquet 1150 Operating tables, OR lights and ceiling supply units and AV Conference 3.0 systems will be integrated into nine operating theatres, using the Variop modular room concept that has been developed by Maquet. This is made up of pre-fabricated, colour-coated wall and ceiling elements and, thanks to the modular construction

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system, can be individually tailored to meet all requirements.

### **Optimum integration into the individual workflows**

The central cockpit of Maquet OR integration is the AV Conference 3.0 system. It is used to control Maquet equipment, like the Magnus OR table and the PowerLED OR lights. Systems and devices from other manufacturers, such as endoscopy equipment can be integrated without any difficulties. The equipment pool that is found in most operating theatres, this compatibility is particularly significant when it comes to choosing the right system for coordinating workflows.

AV Conference's modular concept also makes it possible to utilise individual components of the system solution and to customise central functions to meet the particular requirements of the hospital. The goal of achieving a complete solution can be implemented "step-by-step", based on needs and thanks to the expansion options afforded by the individual modules. At the same time, the system offer cost effective solution today and in the future.

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### **Recording in HD quality**

The playback of image data in High Definition quality has already become the standard. AV Conference 3.0 enables the recording of images and videos in this format because of the Orchide HD camera integrated in the OR lights. Thanks to the image quality which uses two million pixels, a unique display quality can be achieved. The high colour accuracy, colours and tissue types are reproduced as realistic, flowing 3D images, helping to support the evaluation of the findings.

### **Improved ergonomics and safety**

With the new version of the AV Conference 3.0, the OR integration solution complies with the demands for ergonomics and safety as posed by the individual surgical disciplines. The control options offered by the equipment, allows the system to guarantee the surgeon and his or her team free access to the patient while at the same time ensuring optimum visibility of the events unfolding on the operating table. This is very significant, particularly in respect of minimally invasive surgery. The operating area can be easily viewed on the monitors.

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Surgeon and OR team can work safely and with an unrestricted field of vision whilst maintaining ergonomically comfortable positions.

The increased visibility in the operating theatre combines processes efficiently and ensures an optimised utilisation of capacity while at the same time offering improved patient care.

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**We will be happy to provide you with high resolution images on request.**



*The central cockpit of the Maquet OR integration is the AV Conference 3.0.*

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**INFORMATIONS ABOUT THE MAQUET GROUP**

The MAQUET Group is the global market leader for Medical Systems, focusing on the Operating Room (OR), Hybrid OR, Cath Lab, Intensive Care Unit (ICU) and Patient Transport. The integrated products of MAQUET are specially designed to deliver optimal clinical treatment and therapeutic applications within acute care hospitals. MAQUET provides innovative medical solutions from three Divisions:

- Cardiovascular with products for cardiac assist (intra-aortic balloon counterpulsation therapy), coronary artery bypass surgery, complex aortic surgery reconstruction, peripheral interventions and extracorporeal circulation.
- Critical Care for intensive care ventilators and anesthesia machines
- Surgical Workplaces for OR tables, lights and ceiling service units, flexible room design for OR, Hybrid OR and ICU as well as digital OR integration.

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MAQUET is a subsidiary of the publicly-listed Swedish GETINGE GROUP, a company with around 2.2 billion euros in revenues (2009 fiscal year) and 12,100 employees worldwide. In 2009 MAQUET itself generated revenues of around 1.1 billion euros. The company now has more than 5,000 employees in 36 international sales and service organizations, as well as a network of more than 250 sales representatives. 12 manufacturing sites are located in 6 countries.

[www.maquet.com](http://www.maquet.com)

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