

**COMPREHENSIVE THERAPY SOLUTIONS IN THE  
HYBRID OR**

**Integration of the MAGNUS OR table system into the  
angiographic X-ray system Allura Xper opens up a  
new range of surgical treatment methods**

Rastatt, March 2010. The integration of the MAGNUS OR table system from MAQUET into the Allura Xper angiographic X-ray system from Philips Healthcare combines the complete functions of a high-end angiographic X-ray system with the advantages of a surgical workplace. When working in tandem, the OR table and the angiography system communicate synchronously with each other, achieving the best possible imaging results. At the same time, the surgeon, in the event of an emergency for example, has the opportunity to intervene immediately or even to diagnose and start therapy simultaneously. *"With the integration of the MAGNUS OR table system into the Allura Xper angiography system, we are furthering the successful cooperation between Philips Healthcare and MAQUET",* said Dr. Dieter Engel, R&D director of the MAQUET Surgical Workplaces division. Philips and MAQUET have been working together on solutions for Hybrid OR since the start of 2000. The world's first Hybrid OR, combining

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the Philips Allura and the MAQUET OR table, was put into service back in 2000 in Basel, Switzerland.

### **The MAGNUS carbon-fibre table top makes it possible**

The core element of the MAGNUS OR table system is the new MAGNUS carbon-fibre table top. It has been developed in six versions with various lengths and travel paths and offers solutions for all interventions in cardiovascular, endovascular and neurosurgery. The table top provides almost 360° radiotranslucency (up to 2150mm) and therefore gives optimum X-ray images especially in interventional procedures and minimally invasive operations. When deployed for interdisciplinary use, the diagnostic requirements of neurosurgery, orthopaedics and traumatology are also covered. The flexibility of the OR table system is also shown by the fact that the table top can be exchanged with the help of a transporter. In this way, a universal table top with anatomically correctly positioned body bend joints can be used, for example, for conventional thorax surgery.

The hybrid OR is primarily used in cardio and vascular surgery. The Cardiovascular division of MAQUET is one

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of the international market leaders for medical products, machines and instruments for vascular and heart surgery. *"We have a depth of expertise, many years of experience and multiple points of synergy within the company, which come together to ensure the development of the ideal workplace both for the surgeon and for the benefit of the patients",* said Dr. Engel.

### **From planning through to implementation**

For the equipment of the Hybrid OR, MAQUET has developed a complete offer which covers both the optimal room planning using the OR3D 3D simulation software as well as the modular VARIOP room concept with easy to install and exchange wall and installation elements. The portfolio is completed by lights and ceiling elements specially developed for the Hybrid OR which can be positioned flexibly within the room.

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This release is for distribution outside of North America only. Allura Xper with MAGNUS MAQUET product integration is not available in North America.

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



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**INFORMATION ABOUT THE MAQUET GROUP**

The MAQUET Group is the global market leader for Medical Systems, focusing on the Operating Room (OR) and Intensive Care Unit (ICU). The integrated products of MAQUET are specially designed to deliver optimal clinical treatment and therapy concepts 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, aneurysm and vascular repair, peripheral interventions and extracorporeal circulation.
- Critical Care for intensive care ventilators and anesthesia machines
- Surgical Workplaces for OR tables, lights and ceiling service units, prefabricated OR and ICU suites as well as telemedicine for the OR integration.

MAQUET is a subsidiary of the publicly-listed Swedish group of companies GETINGE AB, a company with over 2 billion euros in revenues (2008 fiscal year) and 12,800 employees worldwide. In 2008 MAQUET itself generated pro-forma revenues (including the acquisition of

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Datascope Corp.) of over 1 billion euros. The company now has 5,000 employees in 35 international sales and service organizations, as well as a network of more than 200 sales representatives.

MAQUET is socially engaged in its headquarters in Rastatt and is committed to sustained investment in the workforce of tomorrow: The employee initiative “Bildungschance Rastatt e.V.” (Rastatt educational opportunity group) operates a daily arts workshop on the factory premises, regularly offers creative opportunities for children of employees and awards 2-year grants for elementary school children. In addition, “Bildungschance Rastatt e.V.” organizes free of charge readings, concerts and theatre shows for Rastatt schools and children’s day care centers. Additional project days and a holiday program round off this service for children. Education is our most valuable asset and should be provided for every child, regardless of gender, skin color, religion and background.

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

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## PRESS RELEASE

**MAQUET**  
GETINGE GROUP

MAQUET – The Gold Standard.

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