

Press Release Campus Micro Technologies GmbH, Bremen, 01.10.2004

## **„Campus Micro Technologies GmbH Offers Innovative Sensor Systems Solution for Medical Applications“**

Campus Micro Technologies GmbH (CMT) is presenting a new sensor implant for continuous intracranial pressure monitoring.

The highly miniaturized sensor system can be placed directly under the cranial bone by using minimal invasive techniques. Power is supplied transcutaneously to the implant by a wireless method, which at the same time takes care of the data transfer. A proprietary encapsulation ensures long-term stability of the implant during the stay inside the human body. The pressure sensor system enables a continuous and cost-saving long term monitoring of the intracranial pressure even under everyday life conditions of the patient. Complications can be identified and evaluated at a very early stage and unnecessary risks can thus be averted from the patient.

The wireless intracranial pressure sensor system is being developed in the framework of a European project and will enter early stage clinical trials later this year.

CMT is presenting its development services on sensor system solutions at the international trade fair MEDICA/ComPaMED 2004 from the 24<sup>th</sup> to the 26<sup>th</sup> of November on the IVAM-joint pavilion **D19 in hall 8**.

Campus Micro Technologies GmbH provides customer specific highly miniaturized, innovative sensor system solutions for medical applications. CMT establishes and manages corporate spanning production chains and supplies the product exclusively to the customer. Additionally, CMT takes over selected tasks in the production chain, e.g. product specific final testing, quality assurance, logistics and traceability along the production chain. CMT successfully supports the customer from product idea to the final product in manufacturing.

CMT integrates already available services in the area of micro technologies into its own expertise in sensor system solutions including sensor modules, advanced mounting and assembly technologies and biocompatible packaging to achieve optimum performance for its customers.

CMT strives to enter into strategic co-operations with partners from the medical field in order to successfully launch innovative sensor products for the medical sector.

CMT analyzes, together with the customer, his specific requirements and needs, and provides individualized solutions from prototyping to the final product, including sensor production, signal processing, power supply and packaging.

### **Further Information:**

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