

**Sphere Medical Limited**

**Sphere Medical Limited relocates to larger premises  
and wins two innovation awards**

Sphere Medical Limited ('Sphere Medical' or 'Sphere'), the Cambridge (UK) based medical microsystems company, is pleased to announce that it has relocated its offices to new premises on the Harston Mill Campus, where it is building a new clean room facility. In addition, it has won two innovation awards demonstrating its accelerating progress. The company announced that it had closed a £4 million funding round on 29<sup>th</sup> March 2005.

**New offices**

Sphere has moved to a larger newly built office and laboratory facility on the Harston Mill Campus in Cambridge to house its expanding activities. Additionally, Sphere is building a clean room facility in which to house its proprietary microsensor fabrication process.

**Product of the Year Award 2004**

Sphere Medical is developing an innovative microanalyser for use in intensive care units and operating theatres and has been awarded the prestigious "Product of the Year 2004" by the German magazine ELEKTRONIK. The award honouring the most innovative, interesting or trend-setting electronic products of 2004 from a list of 111 favourites pre-selected by the editors. Sphere's product was placed joint second in the sensor category, with a gyrosensor by Epson Europe Electronics GmbH between a touchscreen developed by 3M Deutschland GmbH, and a UXGA imager with camera processor by STMicroelectronics.

**Most Innovative Collaboration Award**

Sphere was further recognised last week by winning the category of Most Innovative Collaboration for its work with Cranfield University's Centre for Supramolecular Technology in The Business/University Collaboration Awards supported by EEDA. The collaboration focuses on utilising an exciting new technology, "Molecularly Imprinted Polymers" or MIPs, to develop materials that specifically bind to certain drugs. These materials can be used in conjunction with Sphere's microchip enabling the measurement of such drugs on line, which is not currently practical by other methods.

Recently, Sphere raised £4 million in a private equity funding round, which was significantly oversubscribed. The money will be used to continue the development of Sphere's microchip-based medical products.

**Dr. Stuart Hendry, Chief Executive Officer of Sphere Medical, said:** "It is very pleasing to see Sphere's work being recognised in such a broad forum. The challenge for companies such as Sphere Medical at the leading edge of current thinking is to gather sufficient momentum to achieve its goals. However, with these latest awards, the success of our recent financing and the significant support we now have from world leading doctors, we are achieving this."

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## **Notes for editors**

Sphere's microanalyser, based on microchip technology originally developed within Siemens, is designed to measure, in real time, numerous critical patient parameters such as oxygen, glucose and drug concentrations. The device uses tiny quantities of blood, which are drawn from a standard line that is placed in the patient's wrist and measurements can be taken as frequently as needed. As the sampled blood can be returned stress on critically ill patients and the risk of infection is minimised, which is a growing concern in hospitals around the world. Most importantly, however, is the fact that the Sphere device enables sufficiently frequent data to be collected about a patient's condition to allow the doctor to precisely control therapy, which can lead to improvements in patient care. Leading hospitals in the USA and Europe are supporting the development device and are of the belief that the Sphere device represents the future of intensive care medicine.