



# PHILIPS

January 10, 2002

## **Philips Medical Systems Releases patent for Public Use Pediatric Pads**

**Philips Medical Systems, a division of Royal Philips Electronics (NYSE:PHG, AEX:PHI), today announced that it has released for public use a U.S. patent detailing pediatric pads technology designed for the Heartstream FR2 AED (Automated External Defibrillator). Philips is relinquishing its rights to U.S. Patent number 6,134,468 in order to encourage development of similar technology for competitive AEDs. The company's goal is to ensure that all AEDs are equipped to quickly and easily treat a child who suffers from cardiac arrest.**

The first of their kind, pediatric pads reduce the amount of energy delivered by the Heartstream FR2 AED to a level appropriate for infants and children under eight years old. The Heartstream FR2 AED with pediatric pads was cleared by the FDA in May 2001 for use on young children. The FR2 is currently the only AED available for use on cardiac arrest victims of any age.

Sudden cardiac arrest (SCA) is a leading cause of death in the United States, striking approximately 250,000 Americans annually, including small children. AEDs provide treatment by delivering an electric shock to the heart that can re-establish a regular heartbeat. However, to be effective, the shock must be applied within the first few minutes following an arrest. AEDs normally deliver a level of energy that is appropriate for adults, but a lower level is recommended for children.

The pads feature an attenuator that reduces the energy delivered by the AED to the appropriate level for a child. A specially developed pad connector represented by a pink teddy bear ensures that a responder can quickly identify proper pads for the victim in an emergency situation.

“We are sharing this technology because protecting the lives of children is the right thing to do,” said Carl Morgan, a scientist with Philips Medical Systems. “Sudden cardiac arrest in children is rare, but when it does occur, use of an AED may be the only way to save a life. It is essential that the process for treating children be easy to remember and to perform. By making this technology available to other manufacturers, we hope to encourage a simple and uniform method of treating a child who suffers sudden cardiac arrest. Established AED programs have a solid track record of adult lifesaving. Our intent is to ensure that AEDs are properly enabled to save the lives of people of all ages.”

Philips Medical Systems presently has a second patent application, number 09/417,269, on its attenuating pads technology under consideration by the U.S. Patent and Trademark Office. The company intends to release its exclusive rights to intellectual property that may also result from that application.

***About Philips Medical Systems:***

*With the recent acquisitions of Marconi Medical Systems, Agilent's Healthcare Solutions Group, ADAC Laboratories and ATL Ultrasound, Philips Medical Systems is firmly established as the global number one or two player in most of its markets and businesses. Philips' portfolio includes x-ray, ultrasound, magnetic resonance, computed tomography, nuclear medicine and PET, patient monitoring, information management and resuscitation products, as well as a range of services that include asset management, training and education, business consultancy, financial services and e-care business services.*

*Philips Medical Systems has annual sales of US\$ 6.5 billion, is represented in more than 100 countries and employs over 22,000 people. All products are backed by Philips' worldwide network of research and development and sales and service organizations. Philips Medical Systems is part of Royal Philips Electronics, one of the world's largest electronics companies. Additional information can be found at [www.medical.philips.com](http://www.medical.philips.com)*

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*Royal Philips Electronics of The Netherlands is one of the world's biggest electronics companies and Europe's largest, with sales of EUR 37.9 billion in 2000. It is a global leader in color television sets, lighting, electric shavers, color picture tubes for televisions and monitors, and one-chip TV products. Its 192,000 employees in more than 60 countries are active in the areas of lighting, consumer electronics, domestic appliances, components, semiconductors, and medical systems. Philips is quoted on the NYSE (symbol: PHG), London, Frankfurt, Amsterdam and other stock exchanges. News from Philips is located at [www.news.philips.com](http://www.news.philips.com)*