



ASX ANNOUNCEMENT

3 April 2007

Ethics Approval at St Vincent's Hospital

HeartWare is pleased to announce that St Vincent's Hospital in Sydney will be the fifth centre to join the international clinical trial currently underway for HeartWare's HVAD™ Left Ventricular Assist Device. This follows the receipt of formal approval from the Ethics Committee of the hospital on 29 March 2007.

St Vincent's Hospital is one of Australia's largest teaching hospitals and a preeminent cardiac transplant centre. The Principal Investigator for HeartWare's trial will be Dr Paul Jansz, cardiothoracic and transplant surgeon at St Vincent's. Dr Jansz has extensive experience with mechanical circulatory assist systems, having implanted a wide range of devices over the past ten years.

HeartWare has already completed all surgical training and site initiation activities at the hospital. St Vincent's is now actively screening for patients who meet the inclusion criteria set out in HeartWare's clinical trial protocol. Subject to identifying suitable candidates, the hospital is now able to begin implanting the HVAD™ pump.

To date, eleven patients have been implanted with the HVAD™ pump, including five at Vienna General Hospital, three at Royal Perth Hospital, two at Hannover Medical Centre and one at Harefield Hospital. On a cumulative basis, these patients have been supported for a total of over 1,400 days.

About HeartWare

HeartWare is developing a family of proprietary circulatory assist devices to treat patients with heart failure. HeartWare's lead device, the HVAD™ pump, is currently progressing through an international clinical trial. With a volume of 45cc, the HVAD™ pump is the smallest "3rd generation" pump and the only full output device implantable routinely within the thoracic cavity.

HeartWare's miniaturization platform enables the development of smaller devices, potentially implantable by minimally invasive surgical techniques. Pre-clinical studies are underway for HeartWare's MVAD™ device, a pump one-third the size of the HVAD™ pump. HeartWare's IV-VAD, a pump one-tenth the size of the HVAD™ pump, is at the early prototype stage.

For further information:

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