



Sphere Medical Holding PLC

Proxima Generation 2 Achieves European CE Marking

Cambridge, UK, 19 December 2011: Sphere Medical Holding plc (AIM:SPHR.L) ("Sphere Medical" or the "Company"), a leading developer of innovative monitoring and diagnostic products for the critical care setting, is pleased to announce that Proxima Generation 2 has achieved European CE Marking as an in-vitro diagnostic device. Proxima Generation 2 is Sphere Medical's disposable patient-attached arterial blood analyser.

The CE Marking of Proxima Generation 2 follows the announcement on 21 November that the clinical trial on Proxima Generation 2 had met its primary endpoint to demonstrate equivalent performance to laboratory and Point of Care blood gas analysers measuring arterial blood in a clinical setting.

The Company now intends to initiate a number of marketing studies in leading UK hospitals which will utilise the CE Marked Proxima device to build up substantial feedback on clinical use.

Commenting on the Proxima Generation 2 CE Marking, Chief Executive Officer, Dr Stuart Hendry, said: "The achieving of CE Marking for Proxima Generation 2 is a major milestone achievement for Sphere Medical and sets the foundations for the commercialisation of our lead product."

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Notes for Editors

Sphere Medical commenced trading on the AIM, a market operated by the London Stock Exchange (LSE) on 17 November 2011 having raised £14m (£12.8m net of expenses) in a placing of ordinary shares.

Sphere Medical is a UK based medical device company completing the development of a range of monitoring and diagnostic products designed to provide significant improvements in patient management in a number of hospital specialities. Sphere Medical's products are expected to allow near real time measurement of blood gases, various electrolytes and drug levels with laboratory accuracy, at the patient's bedside. This information can be used in a wide range of medical applications and is intended to enable faster clinical decision making and consequently to improve the management of patients.

Sphere Medical's two most advanced products, based on its proprietary microanalyser platform technology, are a disposable patient-attached arterial blood analyser for use in the



Intensive Care Unit and Operating Room ('Proxima') and a device for continuous blood monitoring in the bypass circuit in patients undergoing cardiopulmonary bypass surgery ("CPB device"). Sphere Medical has also developed and is selling a device ('Pelorus 1000') that can measure blood levels of the intravenously administered anaesthetic drug, propofol. In each case, these products will ultimately target patients requiring close monitoring and frequent levels of blood testing.

Sphere Medical employs approximately 45 staff in the areas of research and development, product development, sales and marketing and management and operations at its premises at Harston, Cambridge, UK.