

# MARKET ANNOUNCEMENT

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## New USCOM research presented at world hypertension congress

**Tuesday 2nd of October 2012:** Uscom (ASX code: UCM).

Uscom Ltd today announced the publication of three separate presentations at the International Society of Hypertension 24<sup>th</sup> Annual Scientific Meeting in Sydney on USCOM's role in improving management of hypertension. The studies were headed by researchers at the University of Queensland Department of Medicine and involved collaboration with The Shandong Provincial Hospital, Shandong, The Great Ormond Street Hospital for Sick Children, London, The Chinese University of Hong Kong, Hong Kong, The Charles Sturt University, Bathurst, The Royal London Hospital, London, and The Guandong General Hospital Guandong.

The research reviewed current hypertension management guidelines, identified potential areas for improvement and proposed new approaches to the management of hypertension based on guidance of therapy according to USCOM determined haemodynamic values as well as blood pressure.

Professor Malcolm West, an author of the papers, said *"We have always managed hypertension to blood pressure goals. The guidance of anti-hypertensive therapies to USCOM determined haemodynamic goals as well as blood pressure has the potential for improvements to the cost-effectiveness of hypertension management."* Professor West is a practicing cardiologist at The Prince Charles Hospital and the Mayne Professor of Medicine and Head of the Discipline of Medicine at The University of Queensland. He is also Head of the Cardiovascular Research Unit at Prince Charles Hospital with a life long research focus on hypertension.

Executive Chairman of Uscom, Rob Phillips said, *"Hypertension has always been an important target application for USCOM. These publications suggest that managing hypertension to USCOM goals as well as blood pressure will lead to more cost-effective care. We are now committed to introducing our technology into the field of hypertension and partnering with an established market leader who has effective global distribution channels. I believe hypertension is really an application in which we can make a significant contribution."*

Hypertension occurs in more than 25% of all adults and is associated with serious cardiovascular complications including heart attack and stroke. In the US alone in 2009 the total cost to treat hypertension was \$73.4b, yet worldwide only 5-45% of hypertensive patients achieve blood pressure goals. Awareness, management and control of hypertension has plateaued since 2007 and remains poor.

#### References:

Lloyd-Jones D, Adams R, Carnethon M, et al. Heart disease and stroke statistics—2009 update: a report from the American Heart Association Statistics Committee and Stroke Statistics Subcommittee. *Circulation*. 2009;119:e21–181

Guo F, He D, Zhang W, Grace Walton R. Trends in Prevalence, Awareness, Management, and Control of Hypertension Among United States Adults, 1999 to 2010. *J Am Coll Cardiol* 2012;60:599-606.



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## About Uscom

Uscom Limited is an Australian medical device company which listed on the Australian Stock Exchange in December 2003. Uscom has developed a Non Invasive Cardiac Output Monitor. The USCOM is a simple, cost-effective and non-invasive device that measures heart function, detects irregularities and guides treatment. The USCOM device has major applications in Paediatrics, Emergency and Intensive Care Medicine and Anesthesia, and is a tool of choice for management of adult and paediatric sepsis, and for the guidance of fluid therapy.

USCOM has global regulatory approval and the device is currently marketed in North America, South America, Europe, the Middle East, Australia & New Zealand, China and SE Asia.

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