

Xtreme Everest and CORTEX

Date: 01-11-2007 03:51 PM CET

Category: [Health & Medicine](#)

Press release from: [CORTEX Biophysik GmbH](#)



The Xtreme-Everest Project Team decides on CORTEX Biophysik GmbH as provider of metabolic exercise testing equipment for their scientific research project to the peak of Mt. Everest planned in spring 2007.

The Xtreme-Everest Project Team and CORTEX Biophysik GmbH completed an extensive and intensive testing of the portable CORTEX MetaMax 3B metabolic testing system. This system was tested under extreme environmental conditions, similar to those found on the way to the top of the world, and performed exceptionally well under these conditions. The Xtreme-Everest Project Team is convinced of the excellent performance of the MetaMax 3B and will use a total of ten systems for their scientific program of the expedition.

“We have reached another important milestone in the preparation of our expedition. The Cortex MetaMax 3B system performed above our expectations and is an ideal metabolic testing system for our scientific research program.” said Dr. Mike Grocott, Project Leader of Xtreme-Everest and added “We are delighted to have found such an excellent system and on behalf of our team, I would also like to take this opportunity to thank the CORTEX team for their dedicated and professional support.”

“Being the pioneer of portable metabolic exercise testing, we feel very confident that our MetaMax 3B system will meet all scientific expectations required for this expedition.” said Dr. Ralf Henker, Managing Director of CORTEX and adds “Knowing the scientific relevance for the medical world of tomorrow and last but not least for very ill patients, we are proud in being part of this scientific research project.”

Xtreme-Everest – a unique scientific research project: the largest field study of human responses to hypoxia ever performed. Trekkers will undergo a series of tests at several laboratories along the route. Clinicians will measure the amount of oxygen in

the blood along with exercise tests on a bike to see how well the brain, lungs and metabolism work at extreme altitudes. Low levels of oxygen in the blood of high altitude climbers are similar to levels in critically ill patients on breathing machines with severe heart and lung conditions. Scientists hope to draw parallels between the human body pushed to its limits during critical illness and changes that occur in extreme environments. This research project will help doctors in intensive care understand how people react to low levels of oxygen and may lead to improvements in the care of extremely sick patients.

More information:

www.xtreme-everest.co.uk/

CORTEX - a company develops and manufactures innovative metabolic stress testing systems. CORTEX product developments are the result of a continuous and creative dialog with physicians, scientists, clinicians and engineers. Since 1991, CORTEX products are successfully used by healthcare professionals working in sports medicine, cardiology, pulmonology, occupational and rehabilitation medicine as well as by trainers and sports scientists worldwide. With its headquarters based in Leipzig, Germany, CORTEX operates globally, through a network of qualified local sales and service partners. Cortex is supported by the CFH - Corporate Finance Holding / Saxony LB Group.

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