

A person in a light blue jacket and dark pants is running away from the camera on a paved road that stretches into the distance. The road is flanked by snow-covered fields and wooden fences. In the background, there are steep, rocky mountains with patches of snow under a clear blue sky. The overall scene conveys a sense of endurance and outdoor activity.

ReOxy[®]

**THERAPEUTIC INTERMITTENT
HYPOXIA HYPEROXIA**

"The future of therapeutic intervention"



HEALTH BENEFITS

- Reduced inflammation
- Increased energy levels
- Reduced aches and chronic pains
- Presevation of joint and tissue health
- Improved sleep
- Reduced stress levels
- Improved levels of concentration
- Increased rate of healing
- Improved circulation
- Reduced cholesterol
- Anti-ageing

ReOxy® is an innovative breathing therapy medical device. It treats clients with individually selected reduced-oxygen (hypoxic) gas mixtures adjusted in real time during the procedure. The main objectives achieved by using the ReOxy® device are short and long-term adaptive responses at a whole body, systemic, tissue and cellular level.

SPORTS BENEFITS

- Increased energy and endurance levels
- Improved aerobic and anaerobic conditioning
- Increased strength and power outputs
- Faster recovery times after training and games
- Improved concentration and levels of focus
- Improved mental fatigue
- Improved clearance & buffering of lactic acid
- Reduced risk of injury and quicker healing times

MEDICAL BENEFITS

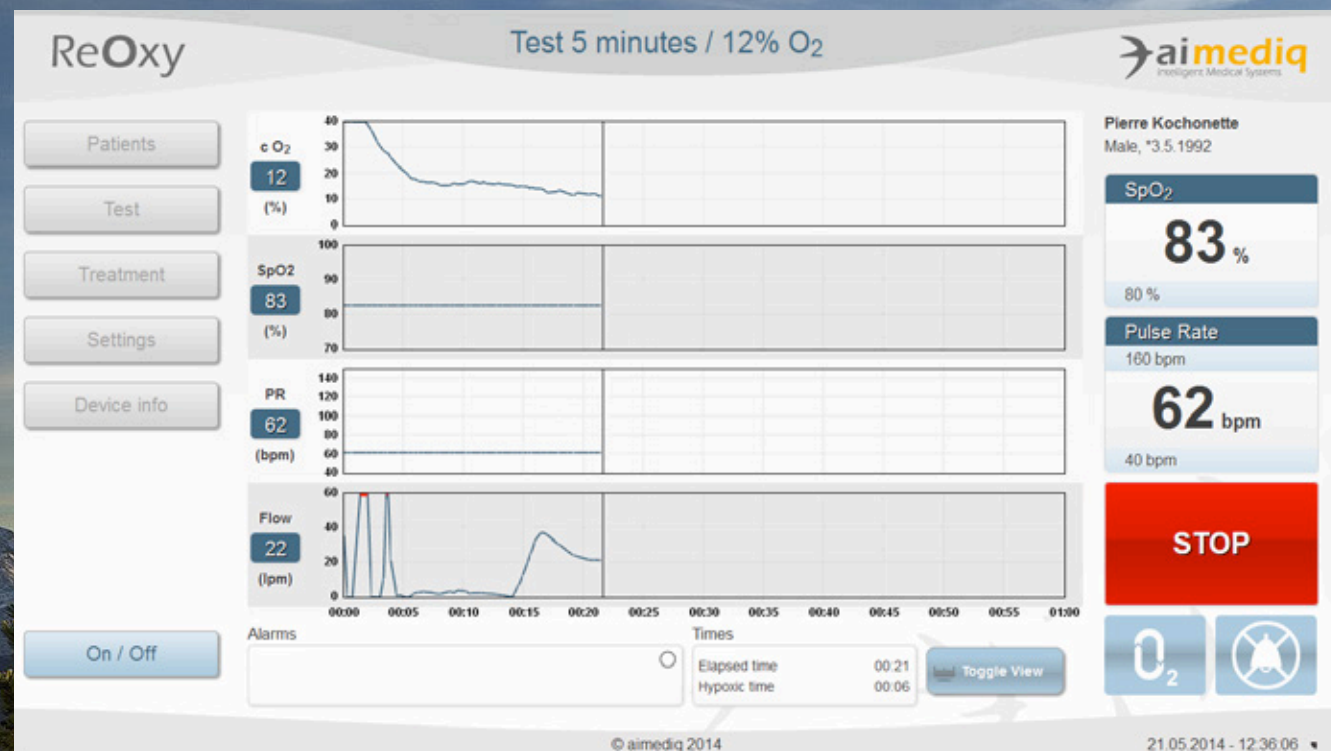
Rehabilitation of cardiac patients

- Ischemic Heart Disease
- Rehabilitation after myocardial infarction
- Chronic Heart Failure

Further Applications (in research)

- Rehabilitation after stroke
- Rehabilitation after chronic spinal cord injury
- Rehabilitation after soft tissue trauma
- Rehabilitation after broken bones
- Treatment of dementia and mild cognitive impairment
- Frailty in elderly patients
- Metabolic disorders
- Long covid symptoms





Ai Mediq S.A. was established to commercialise the knowledge of positive effects of short term episodes of mild hypoxia on human body. The Company has developed the ReOxy® system, the world's first medical device for controlled hypoxic training.

Ai Mediq S.A assembled a team of world-class medical experts to create a scientific advisory board, ensuring ReOxy® is not only at the cutting edge of sports medicine now, but will continue to stay there as technology further develops.

2019 NOBEL PEACE PRIZE



William G. Kaelin, Jr.
Dana-Farber Cancer Institute,
Harvard Medical School



Peter J. Ratcliffe
University of Oxford, Francis
Crick Institute



Gregg L. Semenza
Johns Hopkins University
School of Medicine

In 2019, the Nobel Peace prize in Medicine and Physiology was awarded for work into how cells sense and adapt to oxygen availability. The clinical trials and studies conducted included the application and support of the ReOxy® device.

HOW IT WORKS

ReOxy® uses Self Regulated Treatment (SRT®) technology. SRT®-technology relies upon the principle of biological feedback, where patients bodily reactions define therapeutic parameters and control them throughout the whole treatment session.

SRT® uses advanced software that reads and analyses information from a built-in pulse oximeter to adjust the supplied air mixture composition and hypoxic exposure duration in real-time, for each patient individually in response to changes in vital indicators, i.e. blood oxygen saturation (SpO₂) and heart rate.

Crucially, our technology requires no exercise. Clients simply sit down, relax, and breathe, our technology does the rest.

ReOxy®

For further information, more detailed scientific explanations, and research papers relating to the effectiveness of ReOxy®, Contact us via email.

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