Saving Cardiac Arrest Patients with Hypothermic Lung Conservative Liquid Ventilation

Fact Sheet

Project Information

**Luncolive**
Grant agreement ID: 190172852

**DOI**
10.3030/190172852

**Funded under**
The European Innovation Council (EIC)

**Total cost**
€ 3 516 062,50

**EU contribution**
€ 2 449 869,00

**Coordinated by**
ORIXHA
France

1 May 2023 to 30 April 2025

Project description

Hypothermic treatment after cardiac arrest

Cardiac arrest has a high incidence in western countries and a very poor survival rate. The majority of successfully resuscitated patients later succumb to brain, heart or multi-organ failure while in intensive care. Funded by the European Innovation Council, the Luncolive project proposes a new gold standard for post-resuscitation care that involves the induction of therapeutic hypothermia to protect critical organs. The consortium proposes a liquid ventilation approach whereby patients breathe a liquid rich in oxygen that also facilitates the removal of carbon dioxide. The Luncolive project will miniaturise the technology and optimise it to improve the clinical outcome of patients in critical care.
Fields of science

- engineering and technology
- environmental engineering
- waste management
- waste treatment processes
- recycling
- medical and health sciences
- clinical medicine
- critical care medicine

Programme(s)

HORIZON.3.1 - The European Innovation Council (EIC)  MAIN PROGRAMME

Topic(s)

HORIZON-EIC-2022-ACCELERATOROPEN-01 - EIC Accelerator Open

Call for proposal

HORIZON-EIC-2022-ACCELERATOR-01

See other projects for this call

Funding Scheme

EIC-ACC - EIC-ACC

Coordinator

ORIXHA

Net EU contribution

€ 2 449 869,00

Address

4 che du ham du moulin d'arche
69450 Saint-cyr-au-mont-d'or

Region

Auvergne-Rhône-Alpes > Rhône-Alpes > Rhône

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 1 066 193,50

EC signature date 15 December 2022
Last update: 24 May 2023

Permalink: https://cordis.europa.eu/project/id/190172852

European Union, 2023