Unlocking the Power of Medical Images for Surgeons

Fact Sheet

Project Information

**AVATAR**
Grant agreement ID: 190147557

**DOI**
10.3030/190147557

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

**Total cost**
€ 3 560 375,00

**EU contribution**
€ 2 492 262,00

**Start date**
1 June 2023

**End date**
31 May 2025

**Coordinated by**
AVATAR MEDICAL
France

Objective

Surgeons depend on medical images to make difficult decisions. MRIs and CT-scans that are difficult to interpret can lead to unnecessary surgeries, more invasive operations and slower recoveries.

The AVATAR surgery solution is a groundbreaking productivity tool for surgeons and medical specialists. It is the first photorealistic XR viewer of 3D medical images, based on innovative machine learning algorithms and data visualization techniques, with the express objective of enhancing medical decision making.

Through high-fidelity local or Cloud-based render streaming, AVATAR will be the first solution to meet surgeon expectations for seamless preoperative and intraoperative data integration. Our Clinical Applications will assist surgeons in planning and implementing specific procedures.

For hospitals struggling to manage growing demand for surgery, AVATAR promises
to provide valuable productivity gains without investing in new equipment or personnel.

**Fields of science**

- medical and health sciences > clinical medicine > surgery
- social sciences > economics and business > economics > production economics > productivity
- natural sciences > computer and information sciences > artificial intelligence > machine learning

**Keywords**

- Digital services
- Surgery
- Business model innovation
- Virtual reality
- 3D images

**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**

- HORIZON-EIC-ACC-BF - HORIZON EIC Accelerator Blended Finance

**Coordinator**
AVATAR MEDICAL

Net EU contribution

€ 2 492 262,00

Address

11 rue de lourmel
75015 Paris
France

Region

Île-de-France > Île-de-France > Paris

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

€ 1 068 113,00

EC signature date 20 March 2023
Last update: 27 July 2023

Permalink: https://cordis.europa.eu/project/id/190147557

European Union, 2023