

Perioperative infection prediction

Fact Sheet

Project Information

PERISCOPE

Grant agreement ID: 868234

[Project website](#) 

DOI

[10.3030/868234](https://doi.org/10.3030/868234) 

Project closed

EC signature date

15 May 2019

Start date

1 June 2019

End date

30 November 2019

Funded under

INDUSTRIAL LEADERSHIP - Innovation In SMEs

Total cost

€ 71 429,00

EU contribution

€ 50 000,00

Coordinated by

HEALTHPLUS.AI-IP BV



Netherlands

Project description

Machine-learning algorithm for early prediction of postoperative infections

Around 25 % of surgical patients in Europe experience some type of postoperative complication in the form of an infection. Dutch company Healthplus.ai is developing an advanced machine-learning algorithm to predict postoperative infections five days before the medical team diagnosis, achieving an accuracy of 80 %. The EU-funded PERISCOPE project aims to increase the data set and achieve > 90 % accuracy at five days before the onset of potential infection symptoms in the patient. The project

is also focussing on a sustainable business model and plan, partnerships as well as legal and regulatory issues.

Fields of science (EuroSciVoc)

[medical and health sciences](#) > [clinical medicine](#) > **[pneumology](#)**

[medical and health sciences](#) > [clinical medicine](#) > **[surgery](#)**

[medical and health sciences](#) > [clinical medicine](#) > **[urology](#)**

[medical and health sciences](#) > [health sciences](#) > **[infectious diseases](#)**

[social sciences](#) > [economics and business](#) > [economics](#) > **[sustainable economy](#)**



Programme(s)

[H2020-EU.2.3. - INDUSTRIAL LEADERSHIP - Innovation In SMEs](#)

MAIN PROGRAMME

[H2020-EU.3. - PRIORITY 'Societal challenges](#)

[H2020-EU.2.1. - INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial technologies](#)

Topic(s)

[EIC-SMEInst-2018-2020 - SME instrument](#)

Call for proposal

[H2020-EIC-SMEInst-2018-2020](#) 

[See other projects for this call](#)

Sub call

H2020-SMEInst-2018-2020-1

Funding Scheme

[SME-1 - SME instrument phase 1](#)

Coordinator



HEALTHPLUS.AI-IP BV

Net EU contribution

€ 50 000,00

Total cost

€ 71 429,00

Address

SINGEL 542

1017 AZ AMSTERDAM

 **Netherlands** 

SME 

Yes

Region

West-Nederland > Noord-Holland > Groot-Amsterdam

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](#) 

Last update: 16 August 2022

Permalink: <https://cordis.europa.eu/project/id/868234>

European Union, 2025