Proton versus Photon Therapy for Esophageal Cancer - a Trimodality Strategy

Fact Sheet

Project Information

**PROTECT-trial**

Grant agreement ID: 101008134

**Funded under**

SOCIETAL CHALLENGES - Health, demographic change and well-being

**DOI**

10.3030/101008134

**EC signature date**

7 July 2021

**Start date**

1 July 2021

**End date**

30 June 2027

**Total cost**

€ 4,763,733,75

**EU contribution**

€ 1,500,000,00

**Coordinated by**

AARHUS UNIVERSITET

Denmark

Project description

Proton therapy clinical trial for oesophageal cancer

The goal of the EU-funded PROTECT-trial project is to compare the clinical outcomes of proton therapy (PT) and conventional radiotherapy during a randomised study and to apply the results to advance the field of evidence-based PT treatment. A randomised trial will involve 396 oesophageal cancer patients, 13 recruiting units and 34 institutions from nine European countries and will take place over three years. All involved PT centres have state-of-the-art equipment with pencil beam scanning and
volumetric image guidance. The endpoints will provide data on tumour control, survival, side effects and health economics. The trial results will have important implications for the trimodality management not only of oesophageal cancer but of other cancer types as well.

**Fields of science**

medical and health sciences > clinical medicine > oncology
social sciences > economics and business > economics > health economics
natural sciences > physical sciences > theoretical physics > particle physics > photons

**Programme(s)**

H2020-EU.3.1. - SOCIETAL CHALLENGES - Health, demographic change and well-being
H2020-EU.3.1.7. - Innovative Medicines Initiative 2 (IMI2)

**Topic(s)**

IMI2-2020-20-05 - Proton versus photon therapy for oesophageal cancer - a trimodality strategy

**Call for proposal**

H2020-JTI-IMI2-2020-20-two-stage

See other projects for this call

**Funding Scheme**

RIA - Research and Innovation action

**Coordinator**

AARHUS UNIVERSITET

Net EU contribution

€ 801 631,25
Participants (18)

AARHUS UNIVERSITETSHOSPITAL

Address
Palle juul-jensens boulevard 99
8200 Aarhus

Region
Danmark > Midtjylland > Østjylland

Activity type
Research Organisations

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

Other funding
€ 696 018,75
KATHOLIEKE UNIVERSITEIT LEUVEN
Belgium
Net EU contribution
€ 137 825,00
Address
Oude markt 13
3000 Leuven
Region
Vlaams Gewest > Prov. Vlaams-Brabant > Arr. Leuven
Activity type
Higher or Secondary Education Establishments
Links
Contact the organisation Website Participation in EU R&I programmes HORIZON collaboration network
Other funding
€ 176 508,75

ACADEMISCH ZIEKENHUIS GRONINGEN
Netherlands
Net EU contribution
€ 91 430,00
Address
Hanzeplein 1
9713 GZ Groningen
Region
Noord-Nederland > Groningen > Overig Groningen
Activity type
Higher or Secondary Education Establishments
Links
Contact the organisation Website Participation in EU R&I programmes HORIZON collaboration network
UNIVERSITY OF LEEDS

United Kingdom

Net EU contribution

€ 46 983,75

Address

Woodhouse lane
LS2 9JT Leeds

Region

Yorkshire and the Humber > West Yorkshire > Leeds

Activity type

Higher or Secondary Education Establishments

Links

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

Other funding

€ 21 071,25

UNIVERSITY COLLEGE LONDON

United Kingdom

Net EU contribution

€ 146 998,75

Address

Gower street
WC1E 6BT London

Region

London > Inner London — West > Camden and City of London

Activity type

Higher or Secondary Education Establishments

Links

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

HOLLAND PARTICLE THERAPY CENTRE BV
Netherlands
Net EU contribution
€ 78 200,00
Address
Huismansingel 4
2629JH Delft
Region
West-Nederland > Zuid-Holland > Delft en Westland
Activity type
Research Organisations
Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network
Other funding
€ 139 802,50

TECHNISCHE UNIVERSITAET DRESDEN
Germany
Net EU contribution
€ 28 728,75
Address
Helmholtzstrasse 10
01069 Dresden
Region
Sachsen > Dresden > Dresden, Kreisfreie Stadt
Activity type
PAUL SCHERRER INSTITUT
Switzerland
Net EU contribution
€ 28 728,75
Address
Forschungstrasse 111
5232 Villigen psi
Region
Schweiz/Suisse/Svizzera > Nordwestschweiz > Aargau
Activity type
Research Organisations
Other funding
€ 88 582,50

STICHTING MAASTRICHT RADIATION ONCOLOGY MAASTRO CLINIC
Netherlands
Net EU contribution
€ 5 075,00
Address
Dr. tanslaan 12
6229 ET Maastricht
Region
<table>
<thead>
<tr>
<th><strong>Activity type</strong></th>
<th>Research Organisations</th>
</tr>
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<td><strong>Other funding</strong></td>
<td>€ 121,217.50</td>
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**FONDAZIONE CENTRO NAZIONALE DI ADROTERAPIA ONCOLOGICA**

- **Italy**
- **Net EU contribution**
  - € 5,075.00
- **Address**
  - Strada campeggi 53
  - 27100 Pavia PV
- **Region**
  - Nord-Ovest > Lombardia > Pavia
- **Activity type**
  - Research Organisations
- **Other funding**
  - € 80,601.25

**AZIENDA PROVINCIALE PER I SERVIZI SANITARI**

- **Italy**
- **Net EU contribution**
  - € 5,075.00
- **Address**
Via degasperi 79
38100 Trento

Region
Nord-Est > Provincia Autonoma di Trento > Trento

Activity type
Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)

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

Other funding
€ 90 702,50

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CENTRE ANTOINE LACASSAGNE
France

Net EU contribution
€ 5 075,00

Address
Avenue valombrose 33
06054 Nice cedex

Region
Provence-Alpes-Côte d’Azur > Provence-Alpes-Côte d’Azur > Alpes-Maritimes

Activity type
Research Organisations

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

Other funding
€ 80 000,00

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INSTITUT CURIE
France
CENTRE DE LUTTE CONTRE LE CANCER LEON BERARD
France

Net EU contribution
€ 5 075,00

Address
Rue laennec 28
69373 Lyon

Region
Auvergne-Rhône-Alpes > Rhône-Alpes > Rhône

Activity type
Research Organisations

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

Other funding
€ 101 147,50
VARIAN MEDICAL SYSTEMS PARTICLE THERAPY GMBH & CO. KG

Germany

Net EU contribution

€ 0,00

Address

Mottmannstrasse 2
53842 Troisdorf

Region

Nordrhein-Westfalen > Köln > Rhein-Sieg-Kreis

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

€ 250 000,00

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ION BEAM APPLICATIONS SA

Belgium

Net EU contribution

€ 0,00

Address

Chemin du cyclotron 3
1348 Ottignies louvain la neuve

Region

Région wallonne > Prov. Brabant Wallon > Arr. Nivelles

Links

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

Other funding

€ 250 000,00
THE CHRISTIE NHS FOUNDATION TRUST

United Kingdom

Net EU contribution

€ 5 075,00

Address

Wilmslow road 1
M20 4BX Manchester

Region

North West (England) > Greater Manchester > Manchester

Activity type

Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)

Links

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

Other funding

€ 95 000,00

UNIVERSITY COLLEGE LONDON HOSPITALS NHS FOUNDATION TRUST

United Kingdom

Net EU contribution

€ 5 075,00

Address

Euston road 250
NW1 2PG London

Region

London > Inner London — West > Camden and City of London

Activity type

Research Organisations

Links

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

Other funding

€ 95 000,00