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Use of a Multidrug Pill In Reducing cv Events

Fact Sheet

Project Information

UMPIRE

Grant agreement ID: 241849

Project closed

Start date

1 February 2010

End date

31 January 2013

Funded under

Specific Programme "Cooperation": Health

Total cost

€ 4 154 961,80

EU contribution

€ 2 999 866,00

Coordinated by

IMPERIAL COLLEGE OF
SCIENCE TECHNOLOGY AND
MEDICINE

 United Kingdom

This project is featured in...



Objective

Cardiovascular disease is the focus of this proposal as it is the leading cause of mortality worldwide. People with established vascular disease represent a target for secondary prevention using combination therapy that addresses multiple risk factors. Barriers to effective delivery of proven secondary preventative treatments create important gaps in the uptake. These gaps vary in different countries. Complexity and cost of treatment confer particularly difficult barriers; typically an individual recovering from a stroke or heart attack might be advised to take multiple medications to address cholesterol, blood pressure and platelet function. A combination once daily polypill may address these issues. Such a pill, the Red Heart Pill, has been formulated by Dr Reddy's Laboratories in India. It is remarkably inexpensive with a projected annual cost in India of about €15. Evidence of safety and efficacy of this low-cost fixed-dose, once-daily polypill derived from a carefully conducted clinical trial will support its use in resource-poor countries and internationally. This project aims to evaluate whether provision of a cardiovascular polypill compared with usual medications improves adherence to therapies and clinical outcomes among high-risk patients. Further aims are to measure prescription of combination therapy, barriers to adherence, quality of life, safety, cardiovascular events, and healthcare resource consumption. The results will be used to develop recommendations for equitable access relevant to both Europe and India. India has been chosen as an ICPC partner as it is the home of a large global generic pharmaceutical company – Dr Reddy's – and about 1 in 4 heart attacks globally occur in India. Parallel polypill projects running in Australia and New Zealand will afford the opportunity of pooling data to assess effects on cardiovascular outcomes. This synergy will enhance the generalisable impact of the UMPIRE trial.

Fields of science (EuroSciVoc)

[social sciences](#) > [sociology](#) > [demography](#) > [mortality](#)

[medical and health sciences](#) > [clinical medicine](#) > [angiology](#) > **[vascular diseases](#)**

[medical and health sciences](#) > [basic medicine](#) > [pharmacology and pharmacy](#) > **[pharmaceutical drugs](#)**

[medical and health sciences](#) > [clinical medicine](#) > [cardiology](#) > **[cardiovascular diseases](#)**

[medical and health sciences](#) > [basic medicine](#) > [neurology](#) > **[stroke](#)**



Programme(s)

[FP7-HEALTH - Specific Programme "Cooperation": Health](#)

Topic(s)

[HEALTH-2009-3.1-4 - Improved treatment of chronic diseases in developing countries](#)

Call for proposal

FP7-HEALTH-2009-single-stage

[See other projects for this call](#)

Funding Scheme

[CP-FP - Small or medium-scale focused research project](#)

Coordinator



IMPERIAL COLLEGE OF SCIENCE TECHNOLOGY AND MEDICINE

EU contribution

€ 969 149,00

Total cost

No data

Address

SOUTH KENSINGTON CAMPUS EXHIBITION ROAD

SW7 2AZ LONDON

United Kingdom

Region

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#) [Website](#)

[Participation in EU R&I programmes](#)

[HORIZON collaboration network](#)

Participants (7)



ROYAL COLLEGE OF SURGEONS IN IRELAND

 Ireland

EU contribution

€ 502 072,00

Address

ST STEPHEN'S GREEN 123

2 Dublin 

Region

Ireland > Eastern and Midland > Dublin

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#) [Website](#)

[Participation in EU R&I programmes](#)

[HORIZON collaboration network](#)

Total cost

No data



UNIVERSITAIR MEDISCH CENTRUM UTRECHT

 Netherlands

EU contribution

€ 501 602,00

Address

HEIDELBERGLAAN 100
3584 CX Utrecht 

Activity type
Higher or Secondary Education Establishments

Links
[Contact the organisation](#)  [Website](#) 
[Participation in EU R&I programmes](#) 
[HORIZON collaboration network](#) 

Total cost
No data



George Institute for Global Health
 India
EU contribution
€ 413 628,43
Address
**Plot No.839C, Road No. 44A, Jubilee Hills
500033 Hyderabad** 

Activity type
Research Organisations

Links
[Contact the organisation](#)  [Website](#) 
[Participation in EU R&I programmes](#) 
[HORIZON collaboration network](#) 

Total cost
No data



PUBLIC HEALTH FOUNDATION OF INDIA
 India
EU contribution
€ 17 600,00
Address
**UNIT 431A, 4TH FLOOR, RECTANGLE-1 BUILDING PLOT D-4, DISTRICT CENTRE SAKET
110017 New Delhi** 

Activity type

Research Organisations

Links

- [Contact the organisation](#)
- [Website](#)
- [Participation in EU R&I programmes](#)
- [HORIZON collaboration network](#)

Total cost

No data



THE GEORGE INSTITUTE FOR INTERNATIONAL HEALTH LIMITED

Australia

EU contribution

€ 178 586,12

Address

MISSENDEN ROAD, George V Building Royal Prince Alfred hospital Missenden Road
Camperdown Level 10
NSW 2050 SYDNEY

Activity type

Research Organisations

Links

- [Contact the organisation](#)
- [Website](#)
- [Participation in EU R&I programmes](#)
- [HORIZON collaboration network](#)

Total cost

No data



Dr. Reddy's Laboratories Ltd

India

EU contribution

No data

Address

Ameerpet 7-1-27
500016 Hyderabad

Activity type

Research Organisations

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



CENTRE FOR CHRONIC DISEASE CONTROL SOCIETY



India

EU contribution

€ 417 228,45

Address

VASANT KUNJ TOWER 4 SECTOR C POCKET 9 VASANT KUNJ

110070 New Delhi 

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data

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European Union, 2025