

Disability prevention in the older population: use of information technology for health risk appraisal and prevention of functional decline

Submission date 14/07/2005	Recruitment status No longer recruiting	☐ Prospectively registered ☐ Protocol
Registration date 19/08/2005	Overall study status Completed	☐ Statistical analysis plan ☒ Results
Last Edited 21/10/2015	Condition category Signs and Symptoms	☐ Individual participant data

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

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Additional identifiers

Protocol serial number
QLK6-CT-1999-02205

Study information

Scientific Title

Disability prevention in the older population: use of information technology for health risk appraisal and prevention of functional decline

Acronym

PRO-AGE (PRevention in Older People - Assessment in GEneralists' practices)

Study objectives

The goal of the project is to change health risk behaviours in older persons with the longer-term aim of preventing disability and minimising unnecessary service utilisation. This is achieved by the development of a new intervention that could be integrated into primary care at relatively low costs and that could be used as a cross-national database for comparative evaluation on determinants of healthy ageing.

We hypothesise that at each site the intervention will:

1. Result in favourable changes in health behaviour:

1.1. Higher level of physical activity

1.2. Reduced fat intake

1.3. Higher fruit/fibre intake

1.4. Reduction of hazardous alcohol use

1.5. Increase in seat belt use

1.6. Reduction of smoking

2. Result in a higher uptake of preventive care:

2.1. Colon cancer screening

2.2. Breast cancer screening

2.3. Influenza vaccination

2.4. Pneumococcal vaccination

2.5. Blood pressure measurement

2.6. Glucose measurement

2.7. Cholesterol measurement

2.8. Vision screening

2.9. Hearing screening

2.10. Dentist visits

3. Improve older persons self efficacy in patient-physician interaction and taking care of ones own health

Ethics approval required

Old ethics approval format

Ethics approval(s)

Not provided at time of registration

Primary study design

Interventional

Study design

Randomised controlled trial

Study type(s)

Prevention

Health condition(s) or problem(s) studied

The Ageing Population and Disability/Epidemiology

Interventions

We conducted three randomised controlled studies (three sites: Hamburg, London, Bern). The intervention consisted of the administration of the health risk appraisal for older persons (HRA-O), and of a site specific reinforcement. In Hamburg, the reinforcement consisted of small group sessions or of home visits, in London of computer-based support and a computer-assisted reminder system, and in Bern of home visits.

Control: no intervention

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

1. Self-reported use of preventive care at one-year follow-up
2. Self-reported health behaviour at one-year follow-up

Key secondary outcome(s)

1. Self-reported health and functional parameters at one-year follow-up
2. Self-efficacy in patient-physician interaction

Completion date

31/01/2003

Eligibility

Key inclusion criteria

In each site about 20 - 30 general physician practices (three in London) generate lists of all persons aged 65 and older (Germany: 60 and older) in their practices.

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Senior

Sex

All

Key exclusion criteria

1. Cognitive impairment
2. Dependent in basic activities of daily living (BADL) or living in nursing home
3. Terminal disease
4. Did not speak national language

Date of first enrolment

01/02/2000

Date of final enrolment

31/01/2003

Locations

Countries of recruitment

United Kingdom

Germany

Switzerland

Study participating centre

University Department of Geriatrics

Berne

Switzerland

CH-3001

Sponsor information

Organisation

University of Berne (Switzerland)

ROR

<https://ror.org/02k7v4d05>

Funder(s)

Funder type

Government

Funder Name

European Union (Belgium) (ref: QLK6-CT-1999-02205)

Funder Name

Federal Office of Education and Science (Switzerland) (ref: BBW 990311.1)

Funder Name

The German Federal Ministry for Family, Senior Citizens, Women and Youth (Bundesministerium für Familie, Senioren, Frauen und Jugend) (Germany)

Funder Name

Max und Ingeburg Herz Foundation (Max und Ingeburg Herz Stiftung) (Germany)

Funder Name

Robert Bosch Foundation (Robert Bosch Stiftung) (Germany)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not provided at time of registration

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Results article	results	19/10/2015		Yes	No
Other publications		27/02/2002		Yes	No
Other publications		01/11/2002		Yes	No
Other publications		01/08/2006		Yes	No
Other publications		01/12/2007		Yes	No
Other publications		01/09/2008		Yes	No