ISRCTN85194921 https://doi.org/10.1186/ISRCTN85194921

What is the effect of alternative summary statistics for communicating risk reduction on decisions about whether to take statins?

Submission date 09/03/2007	**Recruitment status** No longer recruiting	[_] Prospectively registered [_] Protocol [_] Statistical analysis plan [X] Results [_] Individual participant data
Registration date 04/05/2007	**Overall study status** Completed	
Last Edited 02/09/2009	**Condition category** Circulatory System	

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
N/A

Study information

Scientific Title

Acronym
HIPPO 2 (Health Information Project, Presentation Online)

Study objectives
In terms of congruence between decisions and values:
1. "Relative risk reduction" is inferior to the absolute summary statistics
2. "Absolute risk reduction" is superior to other absolute summary statistics, and
3. There is no congruence between decisions and values for "event rates"

Ethics approval required
Old ethics approval format

Ethics approval(s)
Ethics approval received from the University at Buffalo (New York, USA), Health Sciences Institutional Review Board, approved on 15 May 2002.

Study design
Randomised controlled trial

Primary study design
Interventional

Study type(s)
Other

Health condition(s) or problem(s) studied
Hypercholesterolaemia (hypothetical scenario)

Interventions
Presentations of summary statistic showing evidence of statins' effectiveness in preventing coronary heart disease over ten years.

The participants viewed one of the following six presentations:
1. Relative risk reduction (RRR)
2. Absolute risk reduction (ARR)
3. Numbers needed to treat (NNT)
4. Event rates (ER)
5. Tablets needed to take (TNT)
6. Whole numbers (WN)

Intervention Type
Other

Phase
Not Specified

Primary outcome(s)
Hypothetical treatment decision to take or not to take statins.

Key secondary outcome(s))

Understanding of and satisfaction with information, and preferred summary statistic.

Completion date
31/07/2005

Eligibility

Key inclusion criteria
1. At least 18 years of age
2. Fluent in English or Norwegian

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Adult

Lower age limit
18 years

Sex
All

Key exclusion criteria
Previous participation in this trial

Date of first enrolment
01/06/2003

Date of final enrolment
31/07/2005

Locations

Countries of recruitment
Canada

Norway

United States of America

Study participating centre

PO box 7004
Oslo
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N-0130

Sponsor information

Organisation
Norwegian Knowledge Centre for the Health Services (Norway)

ROR
https://ror.org/01thff661

Funder(s)

Funder type
Research council

Funder Name
Norwegian Research Council (Norway)

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	01/11/2008		Yes	No
Results article	results	01/08/2009		Yes	No