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WP 7b

Step 7.5B: Developing a research strategy for the literature/systematic review on available evidence on cost-effectiveness and economic evaluation of HPA for elderly. The research strategy will be harmonized with the research strategy of WP 5 to ensure that a comparable field of studies will be included.

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THE REVIEW QUESTIONS:



Q1 – What type on health promotion programs for elderly are subjects to economic evaluation?

Q2 – What type of economic analysis have been performed (CMA, CEA, CUA, CBA; what perspective have been chosen)?

Q3 – What methodological problems have been encountered?

Q4 – What was the cost-effectiveness of specific HPA for elderly?



BREAKING DOWN THE REVIEW QUESTION INTO SEARCH TERMS:



PICOS element	Possible terms	Possible MeSH terms	Search terms (Keyword &/or MeSH)
P - population	elderly, older, above 65	Aged	Aged (MeSH) OR Older OR Older Adults OR Elderly Filter Aged: 65+ years
I - intervention	health promotion, disease prevention	Preventive Health Services; Preventive Medicine; Health Promotion; Primary Prevention;	Health Promotion (MeSH) OR Preventive Health Services (Mesh) OR Health Promotion OR Preventive Health Services OR Prevention
C - comparator	No intervention or other health promotion, disease prevention action		
O - outcome	CER, QALY, CBR, Net Benefits		
S – study design	economic evaluation, cost effectiveness, CEA, cost utility, CUA, cost benefit, CBA	Costs and Cost Analysis; Cost-Benefit Analysis	Costs and Cost Analysis (MeSH) OR Cost Analysis OR Cost-Benefit Analysis [MeSH] OR (Cost AND Benefit) OR (Economic AND Evaluation) OR (Cost AND Effectiveness) OR (Cost AND Utility)



Should we include specific health conditions as a search terms?



Search terms depend on the chosen field (according to the grant agreement):

- (chronic) disease prevention
- prevention of cognitive impairments
- prevention of mental health problems
- prevention of mobility impairments
- prevention strategies to improve nutrition, physical activity
- activities aiming at the reduction of health risks like alcohol abuse, smoking
- secondary prevention (screening programs)
- prevention in geriatric care



IDENTIFYING SOURCES OF EVIDENCE:



1. Electronic databases search, including:

General databases:

- Medline via PubMed
- The Cochrane Library
- Embase
- Cinahl

Specialized databases:

- Centre for Review and Dissemination, NHS Economic Evaluation Database (NHS EED)
- Health Economic Evaluations Database (HEED)
- AgeInfo
- AgeLine
- Database of promoting health effectiveness reviews (DoPHE)
- Trials Register of Promoting Health Interventions (TRoPHI)

Limits applied: publications in English, publication year 2000 - 2015



IDENTIFYING SOURCES OF EVIDENCE:



2. Reference list of relevant papers (both primary studies and reviews) will be visually scanned with the aim of identifying further studies of interest

Limits applied: publications in English, publication year 2000 - 2015

3. Hand-searching key journals related to the topic:

- International psychogeriatrics
- Health Economics
- Journal of Health Economics

Limits applied: publications in English, publication year 2014 – 2015 (to include those that might be not yet indexed)

4. Searching websites of Institutions dealing with issues related to topic:

- HTA Agencies (of participating and English speaking countries)
- Public Health Agencies (of participating and English speaking countries)

Limits applied: publications in English publication year 2000 - 2015



INCLUSION / EXCLUSION CRITERIA



INCLUSION CRITERIA:

- The study must represent full economic evaluation (both cost and consequences must be measured)
- The health promotion action analyzed within the study must represent the range of actions pre-defined for the review
- The study must clearly indicate the elderly population as the beneficiary of HPA

EXCLUSION CRITERIA:

- The study represents partial economic evaluation (only cost or only consequences are measured)
- The health promotion action analyzed within the study does not represent the range of actions pre-defined for the review
- The study does not clearly indicate the elderly population as beneficiary of HPA



POINTS FOR THE DISCUSSION:



1. the scope of health promotion activities, we will focus on (harmonization with WP5)
2. to which countries we will limit the research (OECD-Countries / Europe)
3. enlarging the perspective on German, Polish, (Dutch and Italian) publications?
4. additional databases to include non-listed publications (e.g. google scholar or national databases)
5. the assessment criteria