

## Health Economics (Cross cutting issue 2)

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### Background

- **Studies in health economic evaluation** compare costs and effects of interventions. Health economic analyses support decision makers in politics and practice settings to allocate scarce resources in an efficient way.
- Regarding **prevention and health promotion** there is a paucity of such studies. Existing studies predominantly focus on certain topics of prevention and health promotion such as preventive measures in clinical settings.
- The body of **evidence** that is available is not very robust. Reasons are that measures of prevention and health promotion are often complex leading to difficulties in applying health economic methodology to these problems / topics.
- In order to **create a robust body of evidence** it is necessary to increase the number of health economic evaluation studies. At the same time it is necessary **to further develop the methods of health economic evaluation in prevention and health promotion** to provide researchers with adequate tools for evaluation and decision makers with robust results to base decisions on.

### Goals of the project

- Providing support to consortium partners regarding the planning and conduct of economic evaluation studies alongside the At Risk, HeLEvi and WebApp Projects of TriSearch.
- Translation and adaption of **questionnaires** for health economic evaluation of prevention and health promotion interventions in Germany.
- Methodological challenges in health economic evaluation of prevention and health promotion interventions.



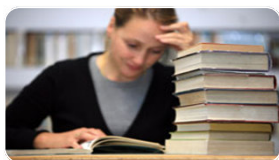
#### Support in drafting Health economic evaluation ('Cost consequence analysis')

- At Risk Project: cost-effectiveness and cost-utility analysis of a cross-provider lifestyle intervention for workers with increased health risks (from the societal perspective) HeLEvi Project: cost-benefit analysis of an intervention to increase health literacy of managers of a multi-national company (from the company perspective)
- WebApp Project: cost-effectiveness analysis of an internet-based lifestyle intervention for vocational school students (from the societal perspective)



#### Questionnaires to be used in the AtRisk project

- Questionnaire evaluating productivity loss (WHO-HPQ): the English original was translated using the TRAPD-Sceme (Translation, Review, Adjustment, Pretest, Documentation) of the European Social Society (ESS). The questionnaire was translated and adapted to Germany; Validation with participants of the AtRisk project has started.
- Questionnaire regarding health care utilization (iMCQ): translation according to TRAPD-Sceme, adaption to Germany and pilot in goal population.



#### Other methodological questions

- Review of methodological issues of health economic evaluation of health promotion and prevention.

### Contribution to the research network

- Both instruments (measure of productivity loss and measure of health care utilization) can and will be used in other projects of the research network (HeLEvi, WebApp).
- Based on the results of the literature study recommendations will be developed regarding the health economic evaluation of studies which are carried out in the research network.