

**Making the EORTC QLQ-C30
interactive:
development of CAT for EORTC
QLQ-C30 dimensions**

- project update

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Aim of the project

- CAT: interactive, individually adapted questionnaire (use responses to previous items to select most informative next item, stop when desired precision obtained)
- Advantages include: Reduced floor and ceiling effects, increased precision, questionnaire can be adapted to each study or person
- Develop CAT for 5-7 QLQ-C30 dimensions based on small item pools (5-20 items)

Status of the project

HRQL dimension	Developers	Literature review, item selection	Expert interviews
PF	Mogens, Morten, Jorunn, Stein	Completed and accepted	Ongoing
RF	Susanne, Teresa, Jackie	Review done	
EF	Bernhard	Selection done, report being written	Expected April/May
CF	Neil, Martin		
SF	Teresa, Jackie	Review done, first draft	
FA	Thierry, Bernhard	Review done, first draft	
PA	Mogens, Morten, Jon Håvard, Stein	Reviewed, being revised	Expected March
NV	Galina	Review done, first draft	
QL	Peter	Review done, first draft	
DY,AP,CO,DI			

Example of item pool development

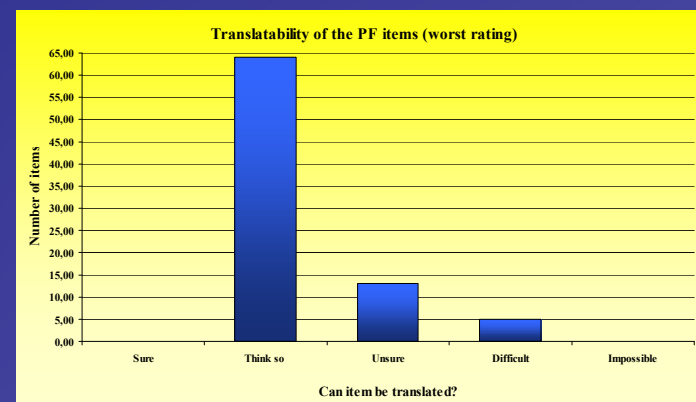
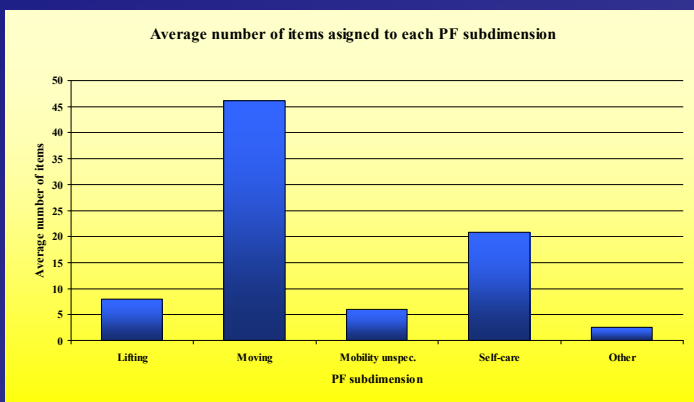
Physical functioning

- Total of 975 PF items identified in the literature
- 454 items belonged to the relevant subdimensions of PF
- 78 items unique and fit the 'QLQ-C30 item style'
- Eight new items added. 86 items in all
- Internal peer review of development process. Four items deleted

Example of item pool development

Physical functioning (cont.)

- 82 PF items evaluated by 11 group members



- 17 items deleted, one new item added.
- 66 candidate PF items for expert interviews.
- 5 expert evaluations conducted (5 remaining)

Status of the project (cont.)

- Development of CAT program
 - User and researcher/setting interfaces
 - Computer based versions of QLQ-C30 and QLQ-C15-PAL
 - First version of CAT

Plans for the next eight months

- ‘Trim’ & improve the CAT program
- Write paper(s)
- Conduct expert interviews (PA, EF, others?)
- Conduct patient interviews (PF, PA & EF)
- Start data collection (PF & PA)

Anybody interested in taking part in

- Conducting patient interviews
 - 10 patients in at least three countries (Denmark + two or more other countries)
- Collecting questionnaire data
 - 1000 patient responses in all coming from at least three countries (Denmark + two other)
- **Please contact us if you can help**

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