

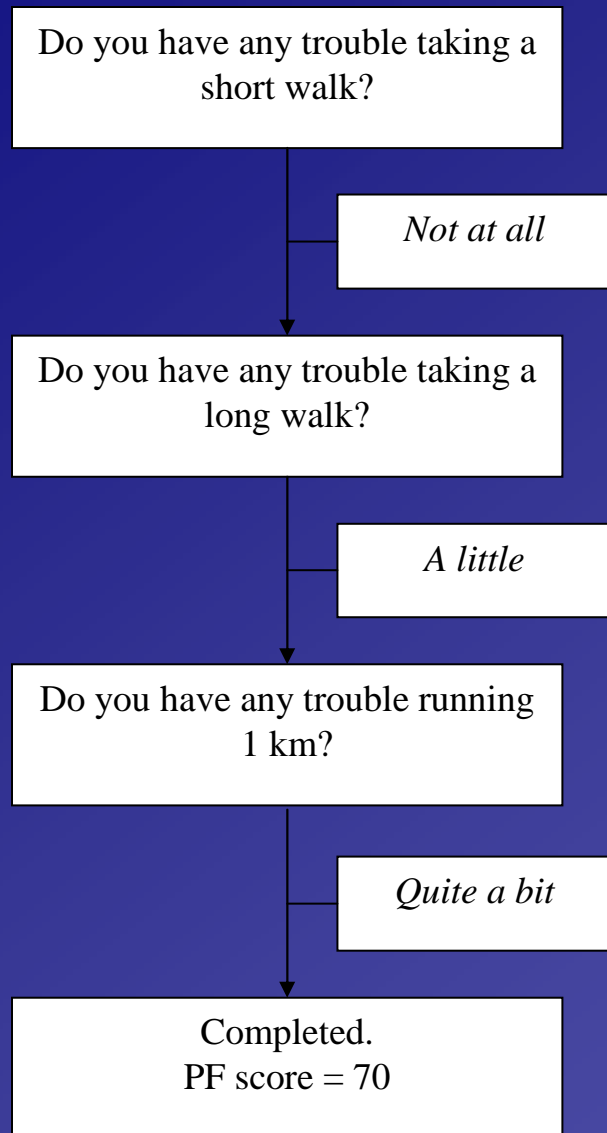
**Making the EORTC QLQ-C30
interactive:
development of CAT for EORTC
QLQ-C30 dimensions
- project update**

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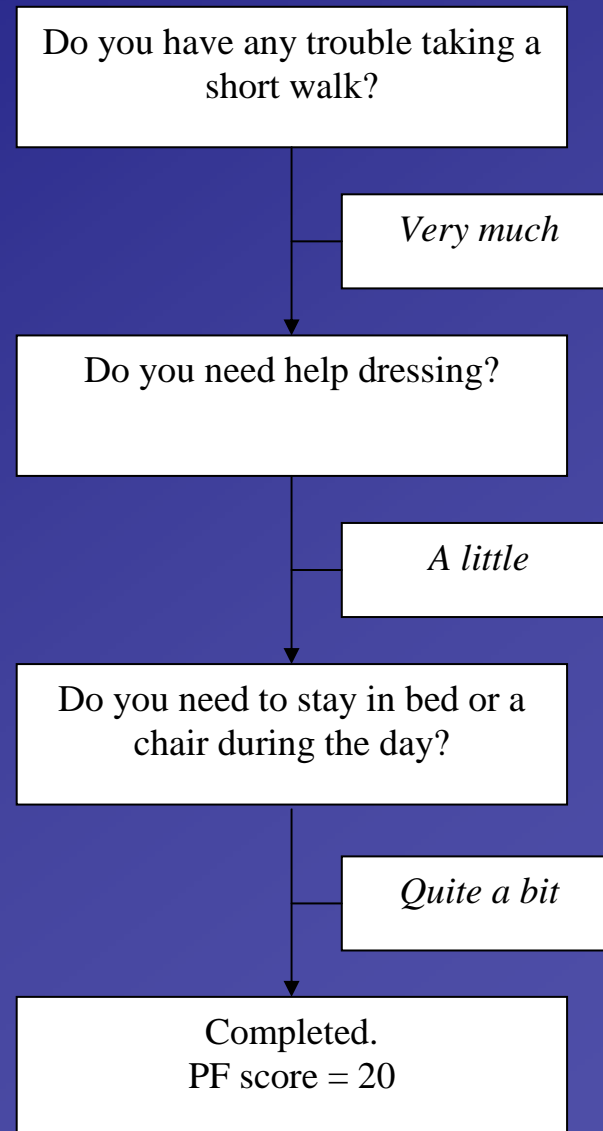
Aim of the project

- Develop CAT for the QLQ-C30 dimensions (scales)
- CAT: interactive, individually adapted questionnaire (use responses to previous items to select most informative next item, stop when desired precision obtained)

Patient 1



Patient 2



Aim of the project

- Develop CAT for the QLQ-C30 dimensions (scales)
- 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

Status of the project

Dim	Principal developers	Literature review, item selection	Expert interviews	Patient interviews	Data collection
PF	M&M	Completed	Completed	Completed	Ongoing
RF	Susanne	Review done			
EF	Bernhard	Being revised			
CF	Neil, Martin				
SF	Teresa	Ready for review			
FA	Bernhard	Review done			
PA	M&M	Completed	Completed	Completed(?)	
NV	Galina	Ready for review			
DY	M&M	Completed	Ready		
SL	M&M	Completed			
AP	Lise, M&M	Ongoing			

PF data collection

- Aim: Collect about 1000 responses to the candidate PF items in all from three countries
- Progress of data collection:
 - DK: started April 08, ongoing. Collected 355 responses
 - FR: started June, completed. Collected 314 responses
 - GE: June, completed. Collected 163 responses
- Total collected by 12/9/08: **832 responses**
- Ready for data collection in UK, IT and TW?
 - May be used for analysis or confirmation of findings depending on when available


PF data collection, conclusions

- Data collection procedure seems to work
- Collected +800 responses in less than four months.
- When more centres ready, data may be collected even faster
- Possible to collect the required data in relatively short time
- **Optimistic regarding the data collection!**

Development of CAT program

- Finalized version 2 of the program
- Includes:
 - QLQ-CAT, QLQ-C30, QLQ-C15-PAL
 - Researcher interface (change settings)

Questionnaire Setting

 **EORTC**
Quality of Life Group

Questionnaire:

Response Output File:

Patient ID text:

Closing comment:

Show scores:

Use forward for next question:

Enable backwards button:

Method for estimating the IRT score:

Item selection criterion:

HRQL domains included in the questionnaire: **Start item:**

Stopping criteria:

Minimum information	Min. number of items	Max. number of items
<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>

Development of CAT program

- Finalized version 2 of the program
- Includes:
 - QLQ-CAT, QLQ-C30, QLQ-C15-PAL
 - Researcher interface (change settings)
 - User interface (questionnaire)



During the past week:

Were you short of breath?

<input type="button" value="Not at All"/>	<input type="button" value="A Little"/>	<input type="button" value="Quite a Bit"/>	<input type="button" value="Very Much"/>
	<input type="button" value="←"/>	<input type="button" value="→"/>	

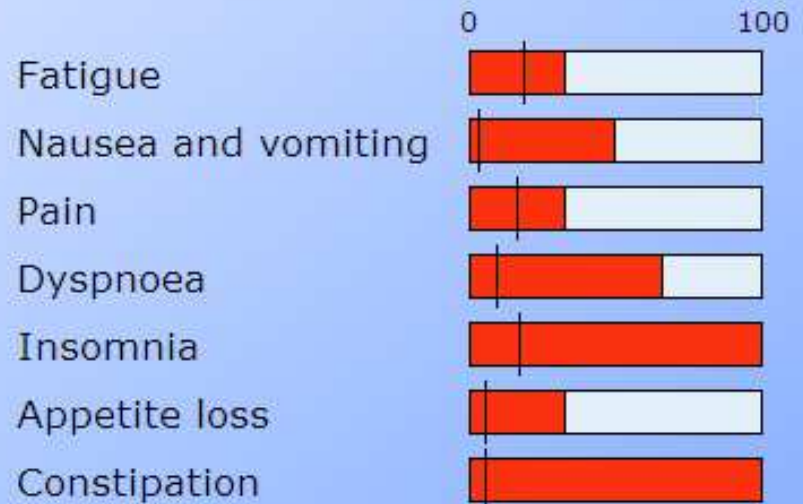
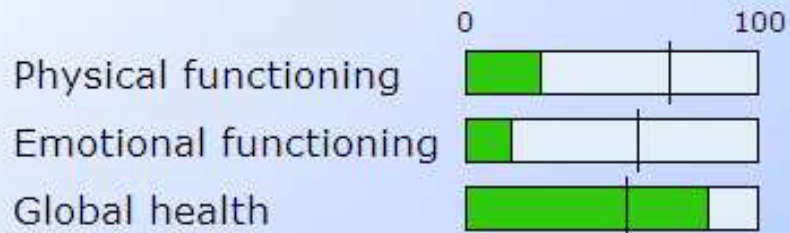
<input type="button" value="Stop"/>	<input type="button" value="Help"/>
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Development of CAT program

- Finalized version 2 of the program
- Includes:
 - QLQ-CAT, QLQ-C30, QLQ-C15-PAL
 - Researcher interface (change settings)
 - User interface (questionnaire)
 - Output interface (presentation of scores)



Summary of your answers:



Note: The vertical lines | indicate the average level of the general population.



Coming months

- Finalize data collection for PF and start the analyses resulting in a CAT-PF v1
- Data collection for PA
- Expert and patient interviews for DY and SL and possibly NV and SF, others?
- Fine-tune and expand CAT program, new features (estimation, selection, data storage...?)

**Anybody interested in
participating in the project,
please contact us**

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