

Is it all about QALY's?

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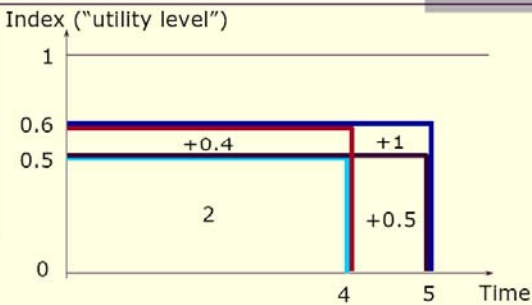
Is it all about QALY's?

QALY Working Group Consensus statements:

- Different methods (for valuing health state preferences) may yield different results, and this needs to be better understood

An ISPOR Development Workshop on Moving the QALY forward

QALY = Quality Adjusted Life Years



Source: Prof. Lieven Annemans, UGent,VUB

EQ-5D Descriptive system and EQ VAS

Describing your own health today	Valuing your own health today	Best imaginable health state
By placing a tick in one box in each group below, please indicate which statements best describe your own health state today.	To help people key how good or bad a health state is, we have chosen a scale (rather like a thermometer) on which the best state you can imagine is marked 100 and the worst state you can imagine is marked 0.	100
Mobility I have no problems in walking about I have some problems in walking about I am confined to bed	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	90 80 70 60 50 40 30 20 10 0
Self-care I have no problems with self-care I have some problems washing or dressing myself I am unable to wash or dress myself	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	90 80 70 60 50 40 30 20 10 0
Usual activities (e.g. work, study, housework, family or leisure activities) I have no problems with performing my usual activities I have some problems with performing my usual activities I am unable to perform my usual activities	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	90 80 70 60 50 40 30 20 10 0
Pain/discomfort I have no pain or discomfort I have moderate pain or discomfort I have extreme pain or discomfort	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	90 80 70 60 50 40 30 20 10 0
Anxiety/depression I am not anxious or depressed I am moderately anxious or depressed I am extremely anxious or depressed	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	90 80 70 60 50 40 30 20 10 0
	Your own health state today	100 90 80 70 60 50 40 30 20 10 0

PAC-QOL Subscales

Physical Discomfort

- Felt heavy, bloated
- Physical discomfort
- Feel need but unable

Worries and Concerns

- Irritable, upset, obsessed, stressed by condition
- Less self-confident
- In control of situation
- Worried about timing, ability to have BM
- Bothered by condition
- Concern about getting worse, body not working properly

Psychosocial Discomfort

- Embarrassed to be with others
- Eating less, restricted choice of food, decreased appetite
- Concerned about change in daily routine

Satisfaction

- With number of BM
- With regularity of BM
- With bowel function
- With treatment

Marquis P, de la Loge C, Dubois D, McDermott A, Chassany O. Scandinavian Journal of Gastroenterology 2005;40:540 - 551



Economic Burden of Chronic Constipation

- **Chronic Constipation = underestimated disease condition:**
 - Hospital related costs of about €11,9 million
 - Approx. 29 death cases in Belgium in 2007

Data Source:

IMS Hospital Disease Database : covering 34,3% of all hospital beds in Belgium

IMS Consulting Group, Belgium, ISPOR 14th Annual European Congress, 5-8 November, 2011

HRQL - Objective measure of ...

“The **subjective perception** of the impact of health status, including disease and treatment, on physical, psychological, and social functioning and well-being.”

Laidy et al. Value in Health
Volume 2, Issue 2, 113-127, 1999

Cumulative Distribution Curves

- Analyses of patient-reported outcome (PRO) endpoints typically include **comparisons of mean score changes** or percentage of responders based on minimal important difference (MID) between treatment and control groups
- However these summary statistics limit interpretation as they do not show the complete pattern of changes
- **Cumulative distribution curves (CDC) have been proposed to assist in evaluating the consistency of treatment effects across the entire distribution**

Donald L. Patrick et al. Patient-Reported Outcomes to Support Medical Product Labeling Claims: FDA Perspective. Value Health 2007;10(Suppl. 2): S125-S137

