

Patient-reported outcomes of colorectal cancer surgery: a systematic review of outcome measures

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On behalf of the Core Outcome and iNformation SEts iN SUrgical Studies – ColoRectal
Cancer (CONSENSUS-CRC) study group



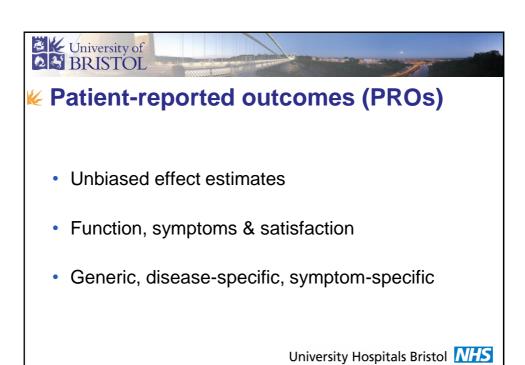




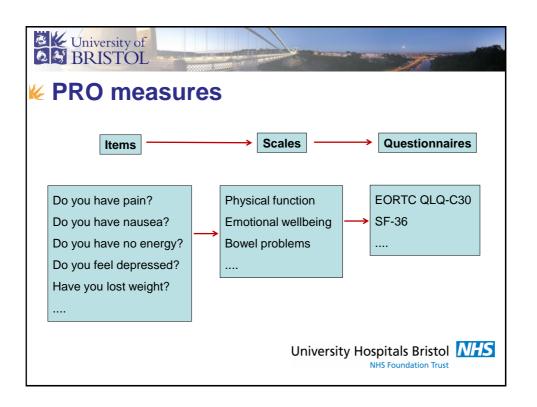


- Background
- Methods for standardising PRO measurement
- Progress so far





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Comparison of adjuvant cetuximab vs. 5-FU after curative surgery for colorectal cancer





Comparison of adjuvant cetuximab vs. 5-FU after curative surgery for colorectal cancer

- Physical function
- Pain
- Vomiting
- Diarrhoea

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·							Very Much			
1.	Do you have any trouble doing strenuous activities, like carrying a heavy shopping bag or a suitcase?					1	2	3	4	
2.	Do you have any trouble taking a <u>long</u> walk?					1	2	3	4	
3.	3. Do you have any trouble taking a short walk outside of the house?					1	2	3	4	
4.	4. Do you need to stay in bed or a chair during the day?					1	2	3	4	
5.	Do you need help with eating, dressing, washing yourself or using the toilet?					1	2	3	4	
PHYSICAL V	VELL-BEING	Not at all	A little bit	Some- what	Quite a bit	Very much				
I have a lack of e	nergy	. 0	1	2	3	4				
I have nausea		. 0	1	2	3	4				
Because of my physical condition, I have trouble meeting the needs of my family		. 0	1	2	3	4		FACT-G		
I have pain		. 0	1	2	3	4				
I am bothered by	side effects of treatment	. 0	1	2	3	4				
I feel ill		. 0	1	2	3	4				
I am forced to spe	end time in bed	. 0	1	2	3	4				



Problems with PRO inconsistency

- 1. Unable to compare practice/results of trials
- 2. Unable to synthesise data
- 3. Complicates trial design



Quality of life after rectal resection for cancer, with or without permanent colostomy. (Review)

Pachler J, Wille-Jørgensen P





- Start afresh at the item level
- Re-group items into domains
- Choose which domains are most important



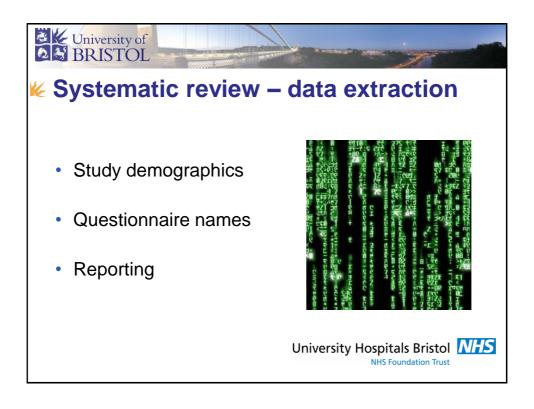


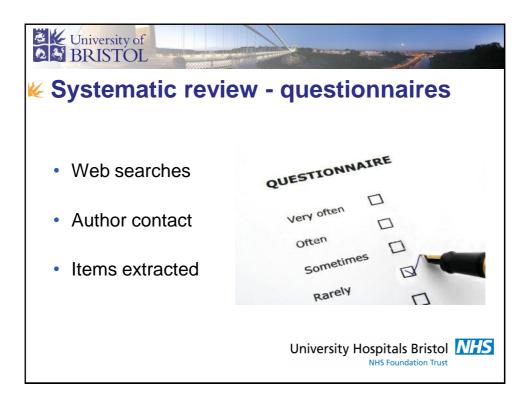
- 1. To identify PRO questionnaires used in CRC
- 2. To extract individual items
- 3. To group similar items into domains

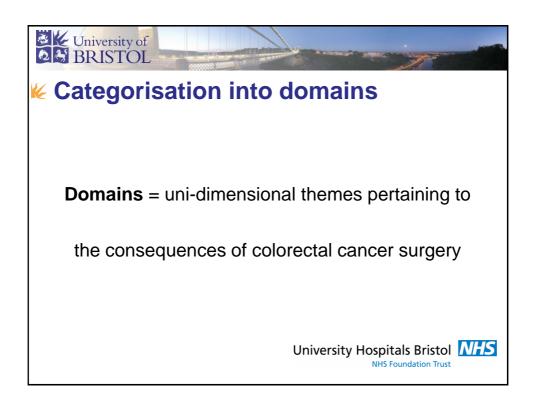


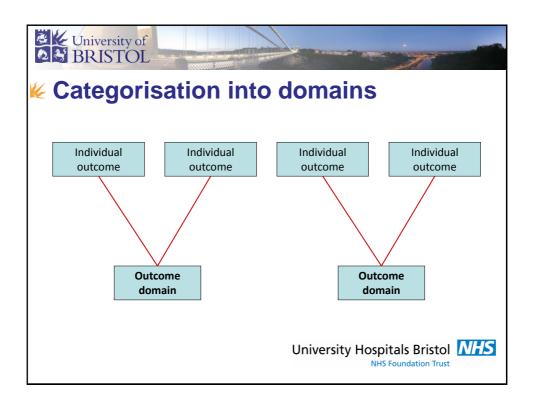


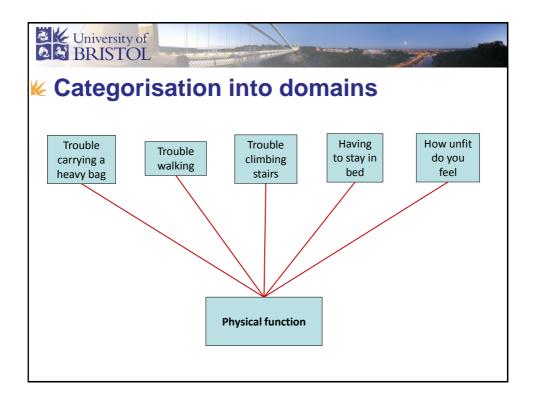


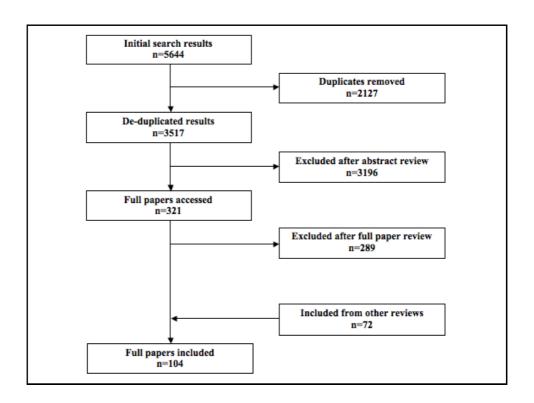


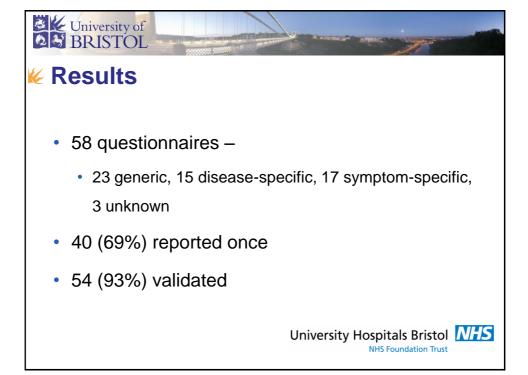












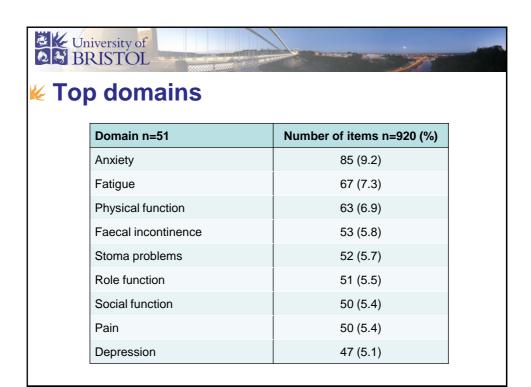


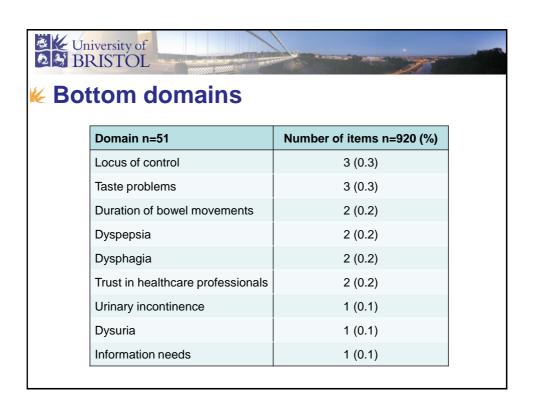
Questionnaire	Frequency reported	Туре			
EORTC QLQ-C30	50	Generic			
EORTC QLQ-CR38	33	Disease-specific			
Short Form 36	20	Generic			
FACT-C	5	Disease-specific			
International Index of Erectile Function	4	Symptom-specific			
Faecal Incontinence Quality of Life	3	Symptom-specific			



- 50 questionnaires available
- 920 questions (items)
- Grouped into 51 domains









Core PRO domain = agreed set of PRO domains reported as a minimum in all clinical trials of a given disease





- Survey stakeholders
- Reach consensus
- Determine core PRO domains





- · Inconsistency in questionnaire use in CRC
- Need for standardisation
- · Core domains required





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