

Supplementary file 1

Search Strategy

The following filters have been developed for use with PubMed to search for records relating to patient-reported outcome measurement

PubMed version (HR-PRO[tiab] OR HRPRO[tiab] OR HRQL[tiab] OR HRQoL[tiab] OR QL[tiab] OR QoL[tiab] OR quality of life[tw] OR life quality[tw] OR health index*[tiab] OR health indices[tiab] OR health profile*[tiab] OR health status[tw] OR ((patient[tiab] OR self[tiab] OR child[tiab] OR parent[tiab] OR carer[tiab] OR proxy[tiab]) AND ((report[tiab] OR reported[tiab] OR reporting[tiab]) OR (rated[tiab] OR rating[tiab] OR ratings[tiab]) OR based[tiab] OR (assessed[tiab] OR assessment[tiab] OR assessments[tiab]))) OR ((disability[tiab] OR function[tiab] OR functional[tiab] OR functions[tiab] OR subjective[tiab] OR utility[tiab] OR utilities[tiab] OR wellbeing[tiab] OR well being[tiab]) AND (index[tiab] OR indices[tiab] OR instrument[tiab] OR instruments[tiab] OR measure[tiab] OR measures[tiab] OR questionnaire[tiab] OR questionnaires[tiab] OR profile[tiab] OR profiles[tiab] OR scale[tiab] OR scales[tiab] OR score[tiab] OR scores[tiab] OR status[tiab] OR survey[tiab] OR surveys[tiab]))

	b1440 Short-term memory						1					1
	b152 Emotional functions	1	5	13	10	6	10	7	2		5	59
	b1520 Appropriateness of emotion								1			1
	b1521 Regulation of emotion					1						1
	b1522 Range of emotion		2	1		1			6			10
	b1528 Emotional functions, other specified	1		1			1	5				8
	b160 Thought functions							1				1
	b1641 Organization and planning							1				1
	b1646 Problem-solving						1					1
	Higher-level cognitive functions, other specified (b1648)						3					3
b2-SENSORY FUNCTIONS AND PAIN	b2401 Dizziness									1		1
	b28011 Pain in chest					1	1		1	9		12
	b28015 Pain in lower limb				1		1		1	1		4
	b28018 Pain in body part, other specified						1					1
B4- FUNCTIONS OF THE CARDIOVASCULAR,	b435 Immunological system functions				1							1

b 7- NEUROMUSCULOSKELETAL AND MOVEMENT-RELATED FUNCTIONS	b730 Muscle power functions				1				1			2
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Table S2. The linkage of concepts from Heart failure-specific HRQL instruments to the ICF categories: component activity and participation

Frequency of ICF component		HF-specific HRQL instruments										
ACTIVITIES AND PARTICIPATION (d)		MLHFQ s	KCCQ s	CHFQ	LVD- 36	QLQ- SHF	CHP- CHF s	CHAT s	Mac New	San Diego	Heart QOL	Total
		15	21		15	9	8	32	6	16	12	134
D1- learning and applying knowledge	d160 Focusing attention	1					1	1				3
	d177 Making decisions					1						1
D2- GENERAL TASKS AND DEMANDS	d2101Undertaking a complex task						1					1
	d2200 Carrying out multiple tasks				1							1
	d2203Undertaking multiple tasks in a group				1							1

	d2208 Undertaking multiple tasks, other specified						1					1
	d230 Carrying out daily routine					1		9				10
	d2301 Managing daily routine								1			1
	d240 Handling stress and other psychological demands						1					1
	Handling responsibilities(d2400)				1							1
	d2401 Handling stress	1										1
d3- COMMUNICATION	d399 Communication, unspecified							1				1
d4. Mobility	d410 Changing basic body position		1									1
	d4300 Lifting										1	1
	d4301 Carrying in the hands		1								1	2
	d415 3 Maintaining a sitting position		1									1
	d450 Walking	2						1				3
	d4500 Walking short distances		1			1				1		3
	d4501 Walking long distance				1					1	1	3
	d4509 Walking, unspecified							2				2
	d455 Moving around				1				1			2
	d4551 Climbing	1	1			2				2	2	8
	d4552 Running		1									1
	Moving around, other specified (d4558)		1									1
	d4600 Moving around within the home					1						1
	d4602 Moving around outside the home and other buildings				1	2		1				4

[illegible]

E1. PRODUCTS AND TECHNOLOGY	daily living, other specified (e1158)											
	e1159 Products and technology for personal use in daily living, other specified									3		3
	E120 Products and technology for personal indoor and outdoor mobility and transportation				1							1
	e1650 Financial assets	1										1
E2. NATURAL ENVIRONMENT AND HUMAN- MADE CHANGES TO ENVIRONMENT	e2250 Temperature						1					1
	e2254 Wind						1					1
e3. support and relationship	e310 Immediate family	1	1									2
	e315 Extended family	1										1
	e320 Friends	1	1									2
	e355 Health professionals							2				2

e4 . ATTITUDES	e410Individual attitudes of immediate family members							1				1
E5. SERVICES, SYSTEMS AND POLICIES	e5800 Health services	2										2

Table S4. The linkage of concepts from Heart failure -specific HRQOL instruments to the ICF categories: component body structure

Frequency of ICF component		HF specific HRQL instruments										
BODY STRUCTURES (S)		MLHFQ	KCCQ	CHFQ	LVD- 36	QLQ- SHF	CHP- CHF	CHAT	Mac New	San Diego	Hear QOL	Total
		2	7		1		2			9		21
S7- STRUCTURES RELATED TO MOVEMENT	s3200 Teeth									1		1
	s410 Structure of cardiovascular system									2		2
	s598 Structures related to the digestive, metabolic and endocrine systems, other specified									1		1
	s710 1Bones of face									1		1
	s7300 Structure of upper arm									1		1
	s7501Structure of lower leg	1	2		1		1			1		6

	s7502structure of ankle and foot	1	5				1			2		9
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