## **CONTENTS**

ONCEPT, ITS USE AND MEASURE ckground: The 'quality of life'	
ttempts at measurement	uality of life? A review of the concepts and some
oncept of health e public's view of health	
cent interest and developments in measi	iring health-related quality of life
e need to operationalize health-related o	uality of life
ality of life assessment and research on	health care outcomes
lity assessments and quality of life asses neric, domain- and disease-specific mea	sment
sfaction with care and outcome	surement scales
o should rate quality of life?	
NCERS	

The domains of measurement	
The measurement scales	22
Scales measuring physical functioning, pain and symptoms	27
Functional status scales used with cancer patients	27
The Karnofsky Performance Index	27
Other versions of the Karnofsky Scale	27
The World Health Organization Functional Scale	30
The Zubrod Scale (or, the Eastern Cooperative Oncology Group Performance Scale:	30
ECOGP) ECOGP	
Pain scales	30
The McGill Pain Questionnaire (MPQ)	31
Other symptom scales	31
Symptom Distress Scale	32
Lasry Sexual Functioning Scale for Breast Cancer Patients	32
Summary of other symptom scales	33
World Health Organization (WHO) Symptom Checklist	33
McCilcal Research Council (MRC) UK Scale	33
The Qualitator	33
Disease-specific quality of life scales	34
European Organization for Research on Treatment of Cancer (FODTC) Mark 1	34
Rotterdam Symptom Checklist	34
Functional Living Index – Cancer (FLIC)	38
runctional Living Index – Emesis /FLIE)	40
Cancer Inventory of Problem Situations (CIPS) and the Concer D. J. 131	42
	40
Visual Analogue Scales	43
Spitzer Quality of Life (QL) Index	45 45
Linear Analogue Self-Assessment (LASA) Scale	45 40
Other visual analogue scales	48
Ontario Cancer Institute/Royal Marsden Linear Analogue Self-Assessment Scale	<b>49</b>
Name of the COLI State and Variance including the XX 1.13	49
Life Scale – (MQOLS-CA)	E1
Holmes and Dickerson	51 52
Global Quality of Life Scale (Coates)	53
Quality of Life Index  Breest Company Change	
Breast Cancer Chemotherapy Questionnaire (BCCQ)	53 54
Visual Milatogue Scale (VAN) for Rope Moment Tr.	54 55
European Neuroblastoma Study Group Quality of Life Assessment Form – Children  (QLAF-C)	33
Brief Details of Other Scales	56
Cancer Leukaomia Carrest D. C. 11. 12.12	57
Cancer Leukaemia Group B Studies (CALGB) Ability Index	57 57
Burge Quality of Life Severity Scale	57 57
Anamnestic Comparative Self Assessment	58
Anamnestic Comparative Self-Assessment (ACSA) World Health Organization One Conference of the Conferen	58
World Health Organization Quality of Life Assessment Instrument (WHOQOL)	58
Conclusion	58
	59 59

3	PSYCHIATRIC CONDITIONS AND PSYCHOLOGICAL MORBIDITY	
	Quality of life research and psychiatric and psychological morbidity Measuring quality of life in institutions Community indicators of quality of life Measuring quality of life in individuals: The domains of measurement Subjective accounts and the value of patients' ratings	61 62 63 66
	THE MEASUREMENT SCALES	
	Part I Symptom scales	
	Background	66
	Symptom questionnaires  Howking Symptom Clark (2007)	69
	Hopkins Symptom Checklist (SCL) and the Symptom Checklist-90	69
	Brief Symptom Inventory (BSI) Symptom Rating Test (SRT)	71
	Center for Enidemiological Studies of Democrics S. 1. (OPG. P.)	72
	Center for Epidemiological Studies of Depression Scale (CES-D) Rand Depression Screener	73
	Hospital Anxiety and Depression (HAD) Scale	74
	Goldberg's General Health Questionnaire (GHQ)	76
	Beck Depression Inventory (BDI)	76
	Hamilton Depression Scale (HDS)	78
	Zung Self-Rating Depression Scale	80
	State-Trait Anxiety Inventory (STAI)	82 84
	Profile of Mood States (POMS)	85
	Scales for children	87
	Conclusion	88
	Part II Quality of life instruments	
	Condition-specific quality of life scales	88
	Quality of Life Scale (QLS)	89
	Lehman Quality of Life Interview	90
	Lancashire Quality of Life Profile	93
	SmithKline Beecham Quality of Life Scale (SBQOL)	95
	Oregon Quality of Life Self-Report Questionnaire and Semi-structured Interview Rating	
	Version  Ouglitz of Life Index Control Industry	96
	Quality of Life Index for Mental Health (QLI-MH)	98
	Index of Health-Related Quality of Life	101
	Piloting of the Health of the Nation Outcome Scales Team for the Assessment of Psychiatric Services (TAPS) Measures	102
	General Well-Being Schedule (GWBS)	103
	Scales for assessing needs	106
	Key Informant Survey Scales	108
	The MRC Needs for Care Assessment	108
	Wyke's Assessment of Need Questionnaire	109 113
	Services Needed, Available, Planned, Offered, Rendered Instrument	113
	Patient attitude scales	114
	Social Problem Questionnaire	115
	Client Satisfaction Questionnaire (CSQ)	115

Satisfaction with Life Domains Scale Conclusion	
Part III Role functioning and related instruments	
Role functioning, performance and social behaviour scales	
Social Functioning Schedule	
Social Role Performance Schedule (SRPS)	
Social Behaviour Schedule (SBS)	
Rehabilitation Evaluation (REHAB)	
Social Behaviour Assessment Schedule (SBAS)	
WHO Psychiatric Disability Assessment Schedule (WHODAS)	
Global Assessment Scale (GAS)	
Global Assessment of Functioning Scale (GAFS)	
Adjustment and adaptation scales for use with psychiatrically and/or physically ill people Social Dysfunction Rating Scale	
Structured and Scaled Interview to Assess Maladjustment (SSIAM) Vineland Adaptive Behaviour Scales	
Social Adjustment Scale II (SAS II) 10 10 p	
Social Adjustment Scale-II (SAS-II) and Self-Report Version Katz Adjustment Scales	
Psychosocial Adjustment to Illness Scale (PAIS)	
Global Adjustment to Illness Scale (GAIS)	
Acceptance of Illness Scale	
Reintegration to Normal Living (RNI ) Indox	
stress and coping scales for use with psychiatrically and / and it is the state of	1
/	1
Health and Daily Living Form	1
otress in Life Coping Scale	1
COPE	1
Control over life	1
Rotter's Internal–External Locus of Control Scale	1
violed mensional Health Locus of Control Scales	1
Conclusion	1
	1
RESPIRATORY CONDITIONS	<sub>1</sub> .
Quality of life in respiratory disease sufferers	
ne domains of measurement	1
Measurement scales	1
ymptom-specific scales: Dyspnoea	1:
ne Fletcher Scale and the MRC Dysphoea Grade and Danii	1:
Other variations	1.
merican Thoracic Society (ATS) Respiratory Questionnaire and Grade of Breathlessness Scale	15
orsley Respiratory Symptoms Questionnaire	15
unitially of other indices of dysphoes	15
merican Lung Association Severity of Disability (COAD)	15
	15
everity of Symptoms Visual Analogue Scale (VAS)	15
Exygen Cost Diagram	15

CONTENTS			

ix

The 6 and 12 Minute Walking Tests and Stair Cli	inchin -	
Borg Ratio of Perceived Exertion	inding	160
Mahler Baseline and Transition Dyspnoea Index		160
Disease-specific quality of life measures		161
Quality of life assessment in COPD/COAD pati	ante Diagram iC . 1	162
Guyatt's McMaster Chronic Respiratory Question	ents: Disease-specific scales	162
St. George's Respiratory Questionnaire (SGRQ)	onnaire (CRQ)	162
Chronic Disease Assessment Tool (CDAT)		164
Health Outcomes Institute TyPE Scales (HOI-T	"DE) CORD	166
Quality of life assessment in asthma patients: Dis	yre) = COPD	167
Asthma Severity Scale	ease-specific scales	167
Living with Asthma Questionnaire		168
Outcome Measures in Ambulatory Care (Asthm.		168
Health Outcomes Institute TyPE Scales (HOI-Ty	a and Diabetes) (OMAC)	169
Asthma Quality of Life Questionnaire	(PE) – Astrima Form	170
Asthma Symptom Checklist		171
Summary of other scales which await full psycho		172
Asthma Self-Efficacy Scale	metric testing	173
Attitudes to Asthma Scale		173
Conclusion		173
		174
5 NEUROLOGICAL CONDITIONS		_ _ 175
Measuring health-related quality of life in neurolo	arv	475
Cerebrovascular accident (CVA/stroke)	ВУ	175
The domains of measurement		176
Measurement scales		176
Stroke scales		179
Rankin Handicap Scale		179
National Institute of Health Stroke Scale		179
Canadian Neurological Scale (CNS)		181
Hemispheric Stroke Scale		181
Disease-specific measures of quality of life: Function	onal ability	181
Barthel Index	onal ability	182
Nottingham Extended Activities of Daily Living (	Juestiannaira	182
Frenchay Activities Index	Zuestioimane	185
Rivermead Mobility Index (RMI)		186
Disease-specific measures of quality of life: Stroke		186
Health Outcomes Institute TyPE Scales (HOI-Ty.	PF) - Acute Stroke	187
Kudos Battery for Stroke Patients	(L) - Neute Stroke	187
Epilepsies		189
The domains of measurement		189
What instruments have been used?		190
Measurement scales		190
A severity measurement scale		193
Seizure Severity Scale		193
		193
Disease-specific quality of life scales: Epilepsy Washington Psychosocial Inventory		193
Epilepsy Surgery Inventory		194
~prices y surgery inventory		194

Katz Adjustment Scales (revised for use with epilepsy)	
Other	
Health-Related Quality of Life Model	
General tests of neurophysiological functioning	
Trail-Making Test	
Wechsler Scales	
Wechsler Memory Scale (WMS)	
Wechsler Adult Intelligence Scale (WAIS)	
Scales for children	,
Tests for cognitive impairment in elderly people	
Abbreviated Mental Test Score (AMTS)	2
Mini-Mental State Examination (MMSE)	2
Mental Status Questionnaire (MSQ)	4
Older Americans' Resources and Services Schedule (OARS) mental health measures	4
Brief Cognitive Functioning Scale (SIP sub-scale)	4
Geriatric Mental State (GMS) and Comprehensive Assessment and Referral Evaluation	4
(Office)	2
Conclusion	2
PLIEL MATOL O CLOSE	
RHEUMATOLOGICAL CONDITIONS	2
Quality of life in people with joint disorders	2
The domains of measurement	2
The measurement scales	2
Disease severity and functional classifications	2
Disease-specific scales: Physical functioning	2
Stanford Arthritis Center Health Assessment Questionnaire (HAQ)	2
A L L L L L L L	
Artificis impact Measurement Scales (AIMS)	
Functional Status Index (FSI)	2
Functional Status Index (FSI)  Western Ontario and McMaster Universities Arthritis Index (WOMAG)	2 2
Functional Status Index (FSI) Western Ontario and McMaster Universities Arthritis Index (WOMAC) Office of Population Censuses and Surveys (OPCS) Disability Status	2 2 2
Functional Status Index (FSI) Western Ontario and McMaster Universities Arthritis Index (WOMAC) Office of Population Censuses and Surveys (OPCS) Disability Scale Rheumatoid Arthritis (RA) Impact on the Homemaker Operations	2 2 2 2
Functional Status Index (FSI) Western Ontario and McMaster Universities Arthritis Index (WOMAC) Office of Population Censuses and Surveys (OPCS) Disability Scale Rheumatoid Arthritis (RA) Impact on the Homemaker Questionnaire Broader disease-specific quality of life scales	2 2 2 2 2
Functional Status Index (FSI)  Western Ontario and McMaster Universities Arthritis Index (WOMAC)  Office of Population Censuses and Surveys (OPCS) Disability Scale Rheumatoid Arthritis (RA) Impact on the Homemaker Questionnaire  Broader disease-specific quality of life scales  MACTAR (McMaster-Toronto Arthritis) Patient Function Professor of Contraction of the Contraction	2 2 2 2 2 2
Functional Status Index (FSI)  Western Ontario and McMaster Universities Arthritis Index (WOMAC)  Office of Population Censuses and Surveys (OPCS) Disability Scale Rheumatoid Arthritis (RA) Impact on the Homemaker Questionnaire  Broader disease-specific quality of life scales  MACTAR (McMaster-Toronto Arthritis) Patient Function Preference Questionnaire  Hörnquist's Quality of Life Status and Change Scale	2 2 2 2 2 2 2 2
Functional Status Index (FSI)  Western Ontario and McMaster Universities Arthritis Index (WOMAC)  Office of Population Censuses and Surveys (OPCS) Disability Scale Rheumatoid Arthritis (RA) Impact on the Homemaker Questionnaire  Broader disease-specific quality of life scales  MACTAR (McMaster-Toronto Arthritis) Patient Function Preference Questionnaire  Hörnquist's Quality of Life Status and Change Scale  Schedule for the Evaluation of Individual Quality of Life (SEIQLE)	2 2 2 2 2 2 2 2 2
Functional Status Index (FSI)  Western Ontario and McMaster Universities Arthritis Index (WOMAC)  Office of Population Censuses and Surveys (OPCS) Disability Scale Rheumatoid Arthritis (RA) Impact on the Homemaker Questionnaire  Broader disease-specific quality of life scales  MACTAR (McMaster-Toronto Arthritis) Patient Function Preference Questionnaire  Hörnquist's Quality of Life Status and Change Scale  Schedule for the Evaluation of Individual Quality of Life (SEIQoL)  Health Outcomes Institute TyPE (HOI-TyPE) - Joint Conditions	2 2 2 2 2 2 2 2 2 2 2
Functional Status Index (FSI) Western Ontario and McMaster Universities Arthritis Index (WOMAC) Office of Population Censuses and Surveys (OPCS) Disability Scale Rheumatoid Arthritis (RA) Impact on the Homemaker Questionnaire Broader disease-specific quality of life scales MACTAR (McMaster-Toronto Arthritis) Patient Function Preference Questionnaire Hörnquist's Quality of Life Status and Change Scale Schedule for the Evaluation of Individual Quality of Life (SEIQoL) Health Outcomes Institute TyPE (HOI-TyPE) – Joint Conditions Rand Joint Problems Battery	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Functional Status Index (FSI) Western Ontario and McMaster Universities Arthritis Index (WOMAC) Office of Population Censuses and Surveys (OPCS) Disability Scale Rheumatoid Arthritis (RA) Impact on the Homemaker Questionnaire Broader disease-specific quality of life scales MACTAR (McMaster-Toronto Arthritis) Patient Function Preference Questionnaire Hörnquist's Quality of Life Status and Change Scale Schedule for the Evaluation of Individual Quality of Life (SEIQoL) Health Outcomes Institute TyPE (HOI-TyPE) – Joint Conditions Rand Joint Problems Battery Summaries of other scales	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Functional Status Index (FSI)  Western Ontario and McMaster Universities Arthritis Index (WOMAC)  Office of Population Censuses and Surveys (OPCS) Disability Scale Rheumatoid Arthritis (RA) Impact on the Homemaker Questionnaire  Broader disease-specific quality of life scales  MACTAR (McMaster-Toronto Arthritis) Patient Function Preference Questionnaire  Hörnquist's Quality of Life Status and Change Scale  Schedule for the Evaluation of Individual Quality of Life (SEIQoL)  Health Outcomes Institute TyPE (HOI-TyPE) – Joint Conditions  Rand Joint Problems Battery  Summaries of other scales  Arthritis Helplessness Index (AHI)	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Functional Status Index (FSI) Western Ontario and McMaster Universities Arthritis Index (WOMAC) Office of Population Censuses and Surveys (OPCS) Disability Scale Rheumatoid Arthritis (RA) Impact on the Homemaker Questionnaire Broader disease-specific quality of life scales MACTAR (McMaster-Toronto Arthritis) Patient Function Preference Questionnaire Hörnquist's Quality of Life Status and Change Scale Schedule for the Evaluation of Individual Quality of Life (SEIQoL) Health Outcomes Institute TyPE (HOI-TyPE) – Joint Conditions Rand Joint Problems Battery Summaries of other scales Arthritis Helplessness Index (AHI) EURIDISS (European Research on Incapacitating Diseases and Social Security	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Functional Status Index (FSI) Western Ontario and McMaster Universities Arthritis Index (WOMAC) Office of Population Censuses and Surveys (OPCS) Disability Scale Rheumatoid Arthritis (RA) Impact on the Homemaker Questionnaire Broader disease-specific quality of life scales MACTAR (McMaster-Toronto Arthritis) Patient Function Preference Questionnaire Hörnquist's Quality of Life Status and Change Scale Schedule for the Evaluation of Individual Quality of Life (SEIQoL) Health Outcomes Institute TyPE (HOI-TyPE) – Joint Conditions Rand Joint Problems Battery Summaries of other scales	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Functional Status Index (FSI) Western Ontario and McMaster Universities Arthritis Index (WOMAC) Office of Population Censuses and Surveys (OPCS) Disability Scale Rheumatoid Arthritis (RA) Impact on the Homemaker Questionnaire Broader disease-specific quality of life scales MACTAR (McMaster-Toronto Arthritis) Patient Function Preference Questionnaire Hörnquist's Quality of Life Status and Change Scale Schedule for the Evaluation of Individual Quality of Life (SEIQoL) Health Outcomes Institute TyPE (HOI-TyPE) – Joint Conditions Rand Joint Problems Battery Summaries of other scales Arthritis Helplessness Index (AHI) EURIDISS (European Research on Incapacitating Diseases and Social Support) Conclusion	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Functional Status Index (FSI)  Western Ontario and McMaster Universities Arthritis Index (WOMAC)  Office of Population Censuses and Surveys (OPCS) Disability Scale Rheumatoid Arthritis (RA) Impact on the Homemaker Questionnaire  Broader disease-specific quality of life scales  MACTAR (McMaster-Toronto Arthritis) Patient Function Preference Questionnaire  Hörnquist's Quality of Life Status and Change Scale  Schedule for the Evaluation of Individual Quality of Life (SEIQoL)  Health Outcomes Institute TyPE (HOI-TyPE) – Joint Conditions  Rand Joint Problems Battery  Summaries of other scales  Arthritis Helplessness Index (AHI)  EURIDISS (European Research on Incapacitating Diseases and Social Support)  CARDIOVASCULAR DISEASES	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Functional Status Index (FSI) Western Ontario and McMaster Universities Arthritis Index (WOMAC) Office of Population Censuses and Surveys (OPCS) Disability Scale Rheumatoid Arthritis (RA) Impact on the Homemaker Questionnaire Broader disease-specific quality of life scales MACTAR (McMaster-Toronto Arthritis) Patient Function Preference Questionnaire Hörnquist's Quality of Life Status and Change Scale Schedule for the Evaluation of Individual Quality of Life (SEIQoL) Health Outcomes Institute TyPE (HOI-TyPE) – Joint Conditions Rand Joint Problems Battery Summaries of other scales Arthritis Helplessness Index (AHI) EURIDISS (European Research on Incapacitating Diseases and Social Support) CARDIOVASCULAR DISEASES  Heart disease	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Functional Status Index (FSI)  Western Ontario and McMaster Universities Arthritis Index (WOMAC)  Office of Population Censuses and Surveys (OPCS) Disability Scale Rheumatoid Arthritis (RA) Impact on the Homemaker Questionnaire  Broader disease-specific quality of life scales  MACTAR (McMaster-Toronto Arthritis) Patient Function Preference Questionnaire  Hörnquist's Quality of Life Status and Change Scale  Schedule for the Evaluation of Individual Quality of Life (SEIQoL)  Health Outcomes Institute TyPE (HOI-TyPE) – Joint Conditions  Rand Joint Problems Battery  Summaries of other scales  Arthritis Helplessness Index (AHI)  EURIDISS (European Research on Incapacitating Diseases and Social Support)  CARDIOVASCULAR DISEASES	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

CONTENTS

	What should be measured?	225
	The domains of measurement	235
	The measurement scales	236
	Categorizations and measures of physical activity	242
	New York Heart Association Functional Classification Scale	242 242
	Olsson Ranking Scale	242
	Canadian Cardiovascular Society Functional Classification for Angina Pectoris	243
	Specific Activity Scale (SAS)	243
	Rankin Handicap Scale	245
	Symptom questionnaires	245
	Dyspnoea scales	245
	Fletcher Questionnaire and the Rose (WHO) Questionnaires: The London School of	213
	Hygiene Dyspnoea Questionnaire and Cardiovascular Questionnaire (Angina of Effort)	245
	Other scales	247
	Feinstein Index of Dyspnoea	247
	Ratio Property Scale	248
	Disease-specific quality of life scales: Heart disease	248
	Health Outcomes Institute TyPE Scales (HOI-TyPE) – Angina	248
	Rand Congestive Heart Failure (Shortness of Breath/Enlarged Heart/Heart Failure) Battery	0
	and Rand Chest Pain (Angina) Battery	249
	Guyatt's Chronic Heart Failure Questionnaire (CHQ)	250
	Ferrans and Powers' Quality of Life Index (CARDIAC)	251
	Rehabilitation Questionnaire	252
	Circulatory disease	252
	Trends in measuring quality of life in people with circulatory disease: Hypertension	252
	What should be measured?	253
	Disease-specific quality of life scales: Hypertension	254
	Palmer's Symptom Checklist and Battery	254
	Health Outcomes Institute TyPE Scales (HOI-TyPE) – Hypertension	254
	Bulpitt's Hypertension Questionnaire and Batteries	255
	Quality of Life Impairment Scale – Hypertension	256
	Rand Health Insurance Study Blood Pressure Battery	257
	Conclusion	258
^		
8	OTHER DISEASE- AND CONDITION-SPECIFIC SCALES	 259
		_
	Other developments in the measurement of disease-specific quality of life	259
	Health Outcomes Institute TyPE Scales (HOI-TyPE)	260
	Popular generic measures used to supplement disease-specific scales	260
	Disease-specific measures of quality of life	261
	Diabetes	261
	Outcome Measures in Ambulatory Care (Asthma and Diabetes) (OMAC)	261
	Diabetes Impact Measurement Scales (DIMS)	262
	Quality of Life Status and Change (QLSC)	263
	Health Outcomes Institute TyPE Scales (HOI-TyPE) – Diabetes	264
	Rand Diabetes Mellitus Battery	265
	Diabetes Quality of Life Measure (DQOL)	266
	Renal disease	267

xii

Functional classification	2
The use of generic scales and domain-specific batteries	2
Haemodialysis Quality of Life Questionnaire (HQLQ)	2
Leicester Uraemic Symptom Scale (LUSS)	2
Quality of Life Assessment	_
Bowel diseases	5
Inflammatory Bowel Disease Questionnaire (IBIQ)	2
Rand Surgical Conditions Battery: Haemorrhoids	2
Human Immunodeficiency Virus (HIV) and Acquired Immune Deficiency Syndrome	2
(MD3)	2
HIV Overview of Problems-Evaluation System (HOPES)	2
AIDS Health Assessment Questionnaire	2
Varicose veins	2
Varicose Veins Questionnaire	2
Rand Surgical Conditions Battery: Varicose Veins	2
Back pain	2
Clinical Back Pain Questionnaire	3
Children	2
Elderly people	2
A popular core (generic) measure for use in disease-specific studies in adults: The Short	• • • • • • • • • • • • • • • • • • • •
Form-36 (SF-36)	28
COMMENTS ON MEASUREMENT ISSUES AND SOURCES OF INFORMATION	
COMMENTS ON MEASUREMENT ISSUES AND SOURCES OF INFORMATION	28
SOURCES OF INFORMATION	28
Study design	
Study design Questionnaire format	28
Study design Questionnaire format Response format and response scales	28 28
Study design Questionnaire format Response format and response scales Types of measurements	28 28 28
Study design Questionnaire format Response format and response scales Types of measurements Reliability and validity	28 28 28 29
Study design Questionnaire format Response format and response scales Types of measurements Reliability and validity Factor structure	28 28 28 29 29
Study design Questionnaire format Response format and response scales Types of measurements Reliability and validity Factor structure Social desirability bias	28 28 28 29 29 29
Study design Questionnaire format Response format and response scales Types of measurements Reliability and validity Factor structure Social desirability bias Cross-cultural applicability	28 28 28 29 29 29 29
Study design Questionnaire format Response format and response scales Types of measurements Reliability and validity Factor structure Social desirability bias Cross-cultural applicability Time references	28 28 28 29 29 20 29
Study design Questionnaire format Response format and response scales Types of measurements Reliability and validity Factor structure Social desirability bias Cross-cultural applicability Time references Place of interview and the interviewer	28 28 29 29 29 29 29 29
Study design Questionnaire format Response format and response scales Types of measurements Reliability and validity Factor structure Social desirability bias Cross-cultural applicability Time references Place of interview and the interviewer Contamination of results by hospital setting	28 28 29 29 29 29 29 29
Study design Questionnaire format Response format and response scales Types of measurements Reliability and validity Factor structure Social desirability bias Cross-cultural applicability Time references Place of interview and the interviewer Contamination of results by hospital setting Criteria for scale selection	28 28 29 29 29 29 29 29 29
Study design Questionnaire format Response format and response scales Types of measurements Reliability and validity Factor structure Social desirability bias Cross-cultural applicability Time references Place of interview and the interviewer Contamination of results by hospital setting	28 28 28 29 29 29 29 29 29 29
Study design Questionnaire format Response format and response scales Types of measurements Reliability and validity Factor structure Social desirability bias Cross-cultural applicability Time references Place of interview and the interviewer Contamination of results by hospital setting Criteria for scale selection Databases, clearing houses, and scale distributors	28 28 28 29 29 29 29 29 29 29
Study design Questionnaire format Response format and response scales Types of measurements Reliability and validity Factor structure Social desirability bias Cross-cultural applicability Time references Place of interview and the interviewer Contamination of results by hospital setting Criteria for scale selection Databases, clearing houses, and scale distributors	28 28 28 29 29 29 29 29 29 29 29
Study design Questionnaire format Response format and response scales Types of measurements Reliability and validity Factor structure Social desirability bias Cross-cultural applicability Time references Place of interview and the interviewer Contamination of results by hospital setting Criteria for scale selection Databases, clearing houses, and scale distributors	28 28 28 29 29 29 29 29 29 29