

# **Loss And Grief In General Practice:**

## **The Development And Evaluation Of Two**

## **Instruments To Detect And Measure Grief In**

## **General Practice Patients**

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# Loss And Grief In General Practice: The Development And Evaluation Of Two Instruments To Detect And Measure Grief In General Practice Patients

## Contents

Glossary

Introduction

Chapter 1: Background

Chapter 2: The paradigm of loss and grief and its measurement

Chapter 3: Study design

Chapter 4: Methodological issues

Chapter 5: Evolution of the interview

Chapter 6: Validation of the interview

Chapter 7: Development of the questionnaire

Chapter 8: Trial: Method

Chapter 9: Trial: Results

Chapter 10: Analysis of trial results

Chapter 11: Evaluation: Method

Chapter 12: Evaluation: Results

Chapter 13: Analysis of evaluation results

Chapter 14: Discussion

Appendices

References

**NOTE:**

Page numbers differ between electronic copy and text copy due to page formatting and numbering.

## INDEX OF CONTENTS

<b>LOSS AND GRIEF IN GENERAL PRACTICE: THE DEVELOPMENT AND EVALUATION OF TWO INSTRUMENTS TO DETECT AND MEASURE GRIEF IN GENERAL PRACTICE PATIENTS.....</b>	<b>2</b>
<b>CONTENTS .....</b>	<b>2</b>
<b>APPENDICES.....</b>	<b>2</b>
<b>REFERENCES.....</b>	<b>2</b>
<b>PUBLICATIONS ASSOCIATED WITH THIS THESIS</b> ERROR! BOOKMARK NOT DEFINED.	
<b>ABSTRACT.....</b>	<b>15</b>
<b>STATEMENT .....</b>	<b>16</b>
<b>ACKNOWLEDGMENTS .....</b>	<b>17</b>
<b>GLOSSARY .....</b>	<b>19</b>
DEFINITIONS USED IN THIS THESIS .....	19
OTHER TERMS USED IN THIS THESIS .....	21
<b>INTRODUCTION .....</b>	<b>23</b>
<b>CHAPTER 1: BACKGROUND .....</b>	<b>29</b>
1.1 GRIEF FROM LOSS: UNRECOGNISED IN GENERAL PRACTICE .....	29
1.2 THE RELEVANCE OF GRIEF MANAGEMENT TO GENERAL PRACTICE .....	31
<i>1.2.1 Pilot studies on the prevalence of grief .....</i>	<i>31</i>
<i>1.2.2 Mortality and morbidity of grief .....</i>	<i>32</i>
<i>1.2.3 The GP's role .....</i>	<i>34</i>
1.3 RATIONALE FOR CONSTRUCTING AN INSTRUMENT TO DETECT AND MEASURE GRIEF .....	35
1.4 SUMMARY.....	36
<b>CHAPTER 2: THE PARADIGM OF LOSS AND GRIEF AND ITS MEASUREMENT .....</b>	<b>37</b>
2.1 HISTORICAL PERSPECTIVE.....	37
<i>2.1.1 The contribution from life events .....</i>	<i>38</i>
<i>2.1.2 The contribution from bereavement.....</i>	<i>41</i>
<i>2.1.2.1 Attachment theory.....</i>	<i>43</i>
<i>2.1.2.2 Theoretical frameworks of the grieving process.....</i>	<i>44</i>
<i>2.1.2.3 Variants of grief .....</i>	<i>44</i>
<i>2.1.2.4 Disenfranchised grief .....</i>	<i>45</i>
2.2 THE PRESENT POSITION .....	48
<i>2.2.1 Loss .....</i>	<i>49</i>
<i>2.2.2 Features of loss .....</i>	<i>50</i>
<i>2.2.3 Grief .....</i>	<i>51</i>
<i>2.2.4 Features of grief .....</i>	<i>52</i>
<i>2.2.5 Definition of grief for this study.....</i>	<i>53</i>
<i>2.2.6 Definition of the 'extant state of grief' .....</i>	<i>53</i>
<i>2.2.7 Features of the paradigm of loss and grief.....</i>	<i>54</i>

2.3 LOSS AND GRIEF: A NEW PARADIGM FOR GENERAL PRACTICE .....	55
2.4 THE POTENTIAL CONTRIBUTION OF A LOSS AND GRIEF PARADIGM TO GENERAL PRACTICE .....	56
2.4.1 <i>An improved classification for general practice problems</i> .....	56
2.4.2 <i>Improved patient care</i> .....	57
2.4.3 <i>Destigmatisation of grief</i> .....	58
2.5 THE NEW VISION .....	58
2.6 MEASUREMENT OF THE PARADIGM .....	60
2.7 SUMMARY.....	62
<b>CHAPTER 3: STUDY DESIGN.....</b>	<b>63</b>
3.1 RATIONALE FOR THE DESIGN .....	63
3.2 STAGES OF THE STUDY .....	63
3.2.1 <i>Development</i> .....	64
3.2.2 <i>Trial</i> .....	64
3.2.2.1 Sample size .....	65
3.2.2.3 <i>Evaluation</i> .....	66
3.2.4 <i>Validation of the interview</i> .....	66
3.3 SUMMARY.....	67
<b>CHAPTER 4: METHODOLOGICAL ISSUES.....</b>	<b>68</b>
4.1 ETHICAL ISSUES .....	68
4.1.1 <i>Issues</i> .....	68
4.1.1.1 Non-maleficence and Beneficence .....	68
4.1.1.2 Informed consent .....	69
4.1.1.3 Autonomy and confidentiality .....	70
4.1.2 <i>Strategies</i> .....	70
4.1.2.1 Ethics approval .....	70
4.1.2.2 Gaining informed consent.....	70
Poster .....	70
Pre study Information sheet .....	71
Consent form.....	71
Process .....	71
4.1.2.3 Confidentiality safeguards .....	72
4.1.2.4 Care and support of the subjects .....	72
4.2 THE DETECTION OF GRIEF .....	72
4.2.1 <i>Difficulties in detection</i> .....	72
4.2.2 <i>Strategies</i> .....	73
4.2.2.1 Subject information.....	73
4.2.2.2 Education and training of the researchers.....	74
4.2.2.3 Surroundings.....	74
4.2.2.4 Design of the loss surveys .....	74
4.2.2.5 Non-responder bias .....	75
4.2.3 <i>Seasonal variations</i> .....	76
4.3 MEASUREMENT OF GRIEF.....	76
4.3.1 <i>Principles</i> .....	76
4.3.2 <i>Recognised principles for measuring bereavement</i> .....	76
4.3.3 <i>Task-specific requirements</i> .....	77
4.3.4 <i>Grief phenomena</i> .....	77
4.3.5 <i>Window period</i> .....	80
4.4 DESIGN ISSUES.....	81
4.4.1 <i>The introduction</i> .....	81
4.4.2 <i>Questionnaire and question length</i> .....	82
4.4.3 <i>Question openness</i> .....	82

4.4.4 Question wording.....	82
4.4.5 Use of the word 'distress' .....	82
4.5 VALIDITY ISSUES .....	83
4.5.1 Willingness to disclose.....	83
4.5.2 Cognitive deficit.....	83
4.5.3 Window period .....	84
4.5.4 Confounders.....	84
4.5.5 Learning experience .....	84
4.5.6 Non-responders.....	85
4.5.7 Summary of validity .....	85
4.6 GENERAL PRACTICE ISSUES .....	86
4.6.1 Interruptions .....	86
4.6.2 Selection of surgeries.....	87
4.6.3 Medical issues.....	87
4.7 SUMMARY.....	87
<b>CHAPTER 5: EVOLUTION OF THE INTERVIEW .....</b>	<b>88</b>
5.1 DEVELOPMENT STAGE .....	88
5.1.1 Recognised requirements.....	88
5.1.2 Method of initial design .....	89
5.1.3 Interview design.....	89
5.1.3.1 Prompt sheet .....	90
5.1.3.2 Cover sheet .....	90
5.1.3.3 The opening .....	90
5.1.3.4 The loss review .....	91
5.1.3.5 The grief measure .....	92
5.1.3.6 Domain scores.....	94
5.1.3.7 Distress score .....	95
5.1.3.8 The closure.....	95
5.1.3.9 Recoding free responses .....	95
5.1.3.10 Allotting clinical grief score categories .....	96
5.1.3.11 Clinical score categories .....	96
5.1.4 The pilot .....	98
5.1.4.1 Method .....	98
5.1.4.2 Results.....	98
5.1.4.3 Modifications .....	99
5.1.4.4 The trial interview schedule.....	100
5.2 TRIAL STAGE.....	100
5.2.1 The evaluation interview schedule.....	101
5.3 EVALUATION STAGE .....	101
5.3.1 Final Grief Diagnostic Interview schedule.....	101
5.4 SUMMARY.....	102
<b>CHAPTER 6: VALIDATION OF THE INTERVIEW.....</b>	<b>103</b>
6.1 METHODS .....	103
6.1.1 Inter-rater reliability.....	105
6.1.1.1 Issues.....	105
6.1.1.2 Process .....	107
6.1.1.3 Analysis .....	108
6.1.2 Construct validity.....	109
6.1.3 Internal consistency .....	109
6.1.4 Investigation of discrepancies .....	110
6.2 RESULTS .....	110
6.2.1 Loss data.....	110

6.2.1.1 Inter-rater reliability .....	110
6.2.1.2 Construct validity.....	112
6.2.2 <i>Grief measure data</i> .....	113
6.2.2.1 Inter-rater reliability.....	113
6.2.2.2 Construct validity.....	116
Effect of multiples of loss on clinical scores .....	116
Effect of gender on Section C scores.....	117
6.2.2.3 Internal consistency .....	118
6.2.3 <i>Sources of discrepancies</i> .....	118
6.2.3.1 Loss categories.....	118
6.2.3.2 Clinical score .....	119
6.3 ANALYSIS OF RESULTS.....	119
6.3.1 <i>Loss data</i> .....	119
6.3.2 <i>Clinical score data</i> .....	120
6.4 DISCUSSION .....	121
6.4.1 <i>Validity of the methods</i> .....	121
6.4.2 <i>Validity of the loss review</i> .....	122
6.4.3 <i>Validity of the grief measure</i> .....	123
6.4.4 <i>Ethical issues</i> .....	124
6.5 CONCLUSIONS.....	124
6.6 SUMMARY.....	125

## **CHAPTER 7: DEVELOPMENT OF QUESTIONNAIRE.....126**

7.1 DEVELOPMENT OF SECTION A (DEMOGRAPHIC SECTION).....	126
7.1.1 <i>Aim</i> .....	126
7.1.2 <i>Pilot version</i> .....	127
7.1.3 <i>Pilot</i> .....	129
7.1.3.1 Method .....	129
7.1.3.2 Results .....	129
7.1.3.3 Modifications .....	131
7.1.4 <i>Trial version</i> .....	131
7.2 DEVELOPMENT OF SECTION B (LOSS SURVEY).....	132
7.2.1 <i>Aim</i> .....	132
7.2.2 <i>Pilot version</i> .....	132
7.2.3 <i>Pilot</i> .....	133
7.2.3.1 Method .....	133
7.2.3.2 Results .....	133
7.2.3.3 Modifications .....	133
7.2.4 <i>Trial version</i> .....	134
7.3 DEVELOPMENT OF SECTION C (GRIEF MEASURE) .....	135
7.3.1 <i>Aim</i> .....	135
7.3.2 <i>Pilot version</i> .....	135
7.3.2.1 Sources of items .....	135
7.3.2.2 Item selection .....	137
7.3.2.2.1 Core Bereavement Items .....	137
7.3.2.2.2 Non resolution set (Bereavement Phenomenology Questionnaire) .....	138
7.3.2.2.3 The Revised Grief Experience Inventory .....	138
7.3.2.2.4 The 28-Item General Health Questionnaire .....	139
7.3.2.2.5 The Grief Map .....	140
7.3.2.2.6 General items .....	140
7.3.2.3 Code number .....	141
7.3.2.4 Permission to use .....	141
7.3.2.5 Modifications .....	141
7.3.2.6 Stem .....	142

7.3.2.7 Measurement scale.....	142
7.3.2.8 Instructions for subjects.....	143
7.3.3 Pilot.....	143
7.3.3.1 Method .....	143
7.3.3.2 Results.....	143
7.3.3.3 Modifications .....	143
7.3.3.3.1 Items selected.....	144
7.3.3.3.2 Items deleted .....	144
7.3.4 Trial version.....	146
7.3.4.1 Sets.....	146
7.3.4.2 Scoring .....	148
7.3.4.2.1 Item scores .....	148
7.3.4.2.2 Set scores .....	148
7.3.4.2.3 Section C score .....	148
7.3.4.3 Fulfillment of requirements .....	149
7.4 SUMMARY.....	149
<b>CHAPTER 8: TRIAL: METHOD .....</b>	<b>150</b>
8.1 ETHICS APPROVAL .....	150
8.2 GENERAL PRACTICES .....	150
8.2.1 General considerations .....	150
8.2.2 Selection criteria.....	150
8.2.3 Enrolment into the study .....	151
8.2.4 Practices .....	151
8.3 INTERVIEWERS.....	152
8.3.1 General considerations .....	152
8.3.2 Selection criteria.....	152
8.3.3 Background of interviewers .....	152
8.3.4 Training in clinical skills .....	153
Training in the process and scoring of the clinical interview .....	153
8.4 RESEARCH ASSISTANTS.....	153
8.4.1 Selection criteria.....	153
8.4.2 Background and previous experience .....	154
8.4.3 Training .....	154
8.5 INFORMATION PACK.....	154
8.6 METHOD .....	154
8.6.1 Period of trial.....	154
8.6.2 Enrolment into the study .....	154
8.6.3 Conduct of the questionnaire .....	156
8.6.4 Conduct of the interview .....	156
8.6.4.1 The opening .....	156
8.6.4.2 Loss review .....	157
8.6.4.3 Grief measure.....	158
8.6.4.4 Re-coding.....	158
8.6.4.5 Allotting the clinical score .....	158
8.6.4.6 Acceptability of the interview.....	158
8.6.4.7 Interruptions.....	159
8.6.4.8 Reporting .....	159
8.6.4.9 Creating a new category .....	159
8.6.4.10 Debrief .....	159
8.7 SUBJECTS.....	160
8.7.1 Selection criteria.....	160
8.7.2 Exclusion criteria.....	160
8.7.3 Demographics .....	160

8.7.3.1 Age .....	160
8.7.3.2 Gender .....	161
8.7.3.3 Socio-economic cluster .....	162
8.7.3.4 Highest level of educational attainment .....	162
8.7.3.5 Occupation .....	162
8.7.3.6 Country of birth .....	162
8.7.3.7 Marital status .....	162
<b>8.8 DATA MANAGEMENT .....</b>	<b>163</b>
<i>8.8.1 Qualitative data .....</i>	<i>163</i>
<i>8.8.2 Statistical data .....</i>	<i>164</i>
<i>8.8.2.1 Data coder .....</i>	<i>164</i>
<i>8.8.2.2 Data collection .....</i>	<i>164</i>
Interview .....	164
Questionnaire .....	164
<i>8.8.2.3 Data entry .....</i>	<i>165</i>
<i>8.8.2.4 Coding of data .....</i>	<i>165</i>
Questionnaire .....	165
Interview .....	166
Loss review .....	166
Grief measure .....	166
<i>8.8.2.5 Data checking and cleaning .....</i>	<i>166</i>
<i>8.8.2.6 Section C data .....</i>	<i>167</i>
<i>8.8.2.7 Missing data .....</i>	<i>168</i>
<b>8.9 DATA ANALYSIS .....</b>	<b>169</b>
<i>8.9.1 Objectives of the analysis .....</i>	<i>169</i>
Objective 1: To examine and optimise the wording, format and acceptability of the interview and questionnaire .....	169
Objective 2: To describe the demographic characteristics .....	170
Objective 3i: To determine new categories of loss and examples within categories .....	170
Objective 3ii: To describe and compare the detection of loss and loss categories between questionnaire and interview .....	170
Objective 4: To examine the validity of the components of section C of the questionnaire to determine those items that best measure grief .....	170
Objective 5: To examine the questionnaire for validity and reliability .....	170
<i>8.9.2 Methods used .....</i>	<i>171</i>
<i>8.9.2.1 Objective 1: To examine the wording, format and acceptability of the interview and questionnaire .....</i>	<i>176</i>
<i>8.9.2.2 Objective 2: To describe the demographic characteristics .....</i>	<i>176</i>
<i>8.9.2.3 Objective 3i: To determine new categories of loss and examples within categories .....</i>	<i>177</i>
<i>8.9.2.4 Objective 3ii: Describe and compare the detection of loss and loss categories between interview and questionnaire .....</i>	<i>177</i>
<i>8.9.2.5 Objective 4: To determine the validity of the components of Section C and to determine those items that best measure grief .....</i>	<i>178</i>
<i>8.9.2.5.1 Face validity .....</i>	<i>178</i>
<i>8.9.2.5.2 Discriminatory validity .....</i>	<i>179</i>
<i>8.9.2.5.3 Internal consistency .....</i>	<i>180</i>
<i>8.9.2.6 Objective 5: Examine the questionnaire for validity and reliability .....</i>	<i>181</i>
<i>LOSS REVIEW .....</i>	<i>181</i>
<i>8.9.2.6.1 Criterion validity .....</i>	<i>182</i>
<i>8.9.2.6.2 Construct validity .....</i>	<i>183</i>
<i>8.9.2.6.3 Reliability .....</i>	<i>184</i>
<i>GRIEF MEASURE .....</i>	<i>185</i>

8.9.2.6.4 Criterion validity.....	185
8.9.2.6.5 Construct validity.....	185
8.9.2.6.6 Reliability.....	186
8.9.2.6.7 Item validity.....	187
8.9.2.6.8 Testing for bias .....	187
8.9.3 Preparation for analysis of the quantitative data.....	187
8.10 SUMMARY.....	188
<b>CHAPTER 9: TRIAL: RESULTS .....</b>	<b>189</b>
9.1 WORDING, FORMAT AND ACCEPTABILITY OF THE QUESTIONNAIRE AND INTERVIEW (OBJECTIVE 1) .....	189
9.1.1 <i>Questionnaire</i> .....	189
9.1.2 <i>Interview</i> .....	189
9.1.3 <i>Team debriefs</i> .....	189
9.2 DEMOGRAPHIC CHARACTERISTICS (OBJECTIVE 2) .....	189
9.3 NEW CATEGORIES OF LOSS AND EXAMPLES WITHIN CATEGORIES (OBJECTIVE 3I).....	189
9.4 DESCRIPTIVE STATISTICS FOR THE LOSS DATA (OBJECTIVE 3II) .....	190
9.4.1 <i>The detection of loss</i> .....	190
9.4.2 <i>Multiples of loss</i> .....	190
9.4.3 <i>Loss categories by frequency</i> .....	192
9.4.3.1 Types of loss .....	192
9.4.3.2 Frequencies and rates of endorsement of categories .....	192
9.4.3.3 Rankings of detection of categories .....	194
9.4.3.4 Loss by demographic grouping.....	195
9.5 VALIDITY OF THE COMPONENTS OF SECTION C (OBJECTIVE 4).....	196
9.5.1 <i>Face validity</i> .....	196
9.5.1.1 Zero endorsement of items .....	196
9.5.2 <i>Discriminatory validity</i> .....	197
9.5.2.1 Percent frequencies of endorsement across options .....	197
9.5.2.2 Section C scores .....	198
9.5.2.3 Set scores .....	200
9.5.2.4 Item scores .....	200
9.5.3 <i>Internal consistency</i> .....	201
9.5.3.1 Section C .....	201
9.5.3.2 Sets.....	201
9.5.3.3 Sets with items withdrawn.....	202
9.5.3.4 Item to total score correlation .....	203
9.5.3.5 Correlation between the sets .....	204
9.5.3.6 Factor analysis .....	205
9.6 VALIDITY AND RELIABILITY OF THE QUESTIONNAIRE (OBJECTIVE 5).....	207
LOSS REVIEW.....	207
9.6.1 <i>Criterion validity</i> .....	207
9.6.1.1 Graphical representation of relationships between loss data .....	207
9.6.1.2 Correlation between loss data sets .....	208
9.6.1.3 Agreements between loss data sets .....	208
9.6.1.4 Sensitivities, specificities and predictive values.....	209
9.6.2 <i>Construct validity</i> .....	210
9.6.2.1 Effect of socio-economic cluster on numbers of loss categories.....	210
GRIEF MEASURE.....	211
9.6.3 <i>Criterion validity</i> .....	211
9.6.3.1 Interview clinical scores .....	211
9.6.3.2 Correlation of Section C scores, sets and items with the clinical score.....	211
9.6.4 <i>Construct validity</i> .....	212
9.6.4.1 Effect of multiples of loss categories on Section C scores .....	212

9.6.4.2 Effect of gender on Section C scores.....	213
9.6.5 <i>Testing for bias</i> .....	213
9.7 SUMMARY.....	213
<b>CHAPTER 10: ANALYSIS OF TRIAL RESULTS.....</b>	<b>214</b>
10.1 WORDING, FORMAT AND ACCEPTABILITY OF QUESTIONNAIRE AND INTERVIEW (OBJECTIVE 1) .....	214
10.1.1 <i>Analysis</i> .....	214
10.1.1.1 Questionnaire.....	214
10.1.1.2 Interview .....	216
10.1.2 <i>Conclusions</i> .....	216
10.1.3 <i>Modifications</i> .....	216
10.1.3.1 Questionnaire.....	216
Section B.....	216
Section C.....	216
10.1.3.2 Interview .....	217
10.2 DEMOGRAPHIC CHARACTERISTICS (OBJECTIVE 2) .....	217
10.2.1 <i>Analysis</i> .....	217
10.2.1.1 Comparison with the Australian general practice population.....	217
10.2.1.2 Comparison of the demographics of the evaluation population with those for the population of the Adelaide metropolitan area.....	218
10.2.2 <i>Conclusions</i> .....	219
10.3 NEW CATEGORIES OF LOSS AND EXAMPLES WITHIN CATEGORIES (OBJECTIVE 3i).....	219
10.4 DESCRIPTIVE STATISTICS FOR THE LOSS DATA (OBJECTIVE 3ii) .....	220
10.4.1 <i>Analysis</i> .....	220
10.4.2 <i>Conclusions</i> .....	222
10.5 VALIDITY OF THE COMPONENTS OF SECTION C (OBJECTIVE 4) .....	222
10.5.1 <i>Analysis</i> .....	222
10.5.2 <i>Conclusions</i> .....	225
10.5.3 <i>Further tests</i> .....	225
10.5.3.1 Analysis of least valid items .....	225
Conclusion .....	226
10.5.3.2 Analysis of items using the principles of measuring grief.....	226
Trait v state .....	227
Non-conformity with requirements .....	227
10.5.3.3 Modified Q sort.....	228
10.5.4 <i>Modifications to section C</i> .....	230
10.6 VALIDITY OF THE QUESTIONNAIRE (OBJECTIVE 5).....	232
10.6.1 <i>Analysis of loss review</i> .....	232
10.6.2 <i>Conclusions</i> .....	233
10.6.3 <i>Analysis of grief measure</i> .....	233
10.6.4 <i>Conclusions</i> .....	234
10.6.5 <i>Analysis of whole questionnaire</i> .....	234
10.6.6 <i>Conclusion</i> .....	235
10.7 SUMMARY.....	235
Objective 1 .....	235
Objective 2 .....	235
Objective 3i.....	235
Objective 3ii.....	236
Objective 4.....	236
Objective 5 .....	236
<b>CHAPTER 11: EVALUATION: METHOD.....</b>	<b>238</b>
11.1 VARIATIONS ON THE TRIAL METHOD.....	238

11.1.1 Ethical approval .....	238
11.1.2 Sample selection and size .....	238
11.1.3 Interviewer .....	239
11.1.4 Research assistant.....	239
11.1.5 Conduct of questionnaire and interview.....	240
11.1.6 Reliability testing .....	240
11.2 SUBJECTS.....	240
11.2.1 Age .....	240
11.2.2 Gender .....	241
11.2.3 Socio-economic cluster .....	241
11.2.4 Highest level of educational attainment .....	242
11.2.5 Occupation.....	242
11.2.6 Country of birth .....	242
11.2.7 Marital status .....	242
11.3 DATA MANAGEMENT .....	243
11.3.1 Qualitative data .....	243
11.3.2 Statistical data management.....	243
11.3.2.1 Method .....	243
Data checking .....	244
11.3.2.2 Data analysis.....	245
11.4 SUMMARY.....	246

## **CHAPTER 12 EVALUATION: RESULTS .....247**

12.1 WORDING, FORMAT AND ACCEPTABILITY OF THE QUESTIONNAIRE AND INTERVIEW (OBJECTIVE 1) .....	247
12.1.1 Questionnaire.....	247
12.1.2 Interview .....	247
12.1.3 Team debriefs.....	247
12.2 DEMOGRAPHIC CHARACTERISTICS (OBJECTIVE 2) .....	247
12.3 NEW CATEGORIES OF LOSS AND EXAMPLES WITHIN CATEGORIES (OBJECTIVE 3I).....	248
12.4 DESCRIPTIVE STATISTICS FOR THE LOSS DATA (OBJECTIVE 3II) .....	248
12.4.1 The detection of loss .....	248
12.4.2 Multiples of loss .....	249
Questionnaire .....	249
Interview .....	249
12.4.3 Loss categories by frequency.....	250
12.4.3.1 Types of loss .....	250
12.4.3.2 Frequencies and rates of endorsement of categories .....	250
12.4.3.3 Rankings of detection of categories .....	252
12.4.3.4 Loss by demographic grouping.....	253
12.5 VALIDITY OF THE COMPONENTS OF SECTION C (OBJECTIVE 4).....	254
12.5.1 Face validity .....	254
12.5.1.1 Zero endorsement of items .....	254
12.5.2 Discriminatory validity.....	255
12.5.2.1 Percent frequencies of endorsement across options .....	255
12.5.2.2 Section C scores .....	256
12.5.2.3 Item scores .....	257
12.5.3 Internal consistency.....	258
12.5.3.1 Section C .....	258
12.5.3.2 Item to total score correlation .....	259
12.5.3.3 Factor analysis .....	259
12.6 VALIDITY AND RELIABILITY OF THE QUESTIONNAIRE (OBJECTIVE 5).....	260
LOSS REVIEW.....	261
12.6.1 Criterion validity.....	261

12.6.1.1 Graphical representation of relationships between loss data .....	261
12.6.1.2 Correlation between loss data sets .....	262
12.6.1.3 Agreements between loss data sets .....	262
12.6.1.4 Sensitivities, specificities and predictive values .....	263
<i>12.6.2 Construct validity.....</i>	264
12.6.2.1 Effect of socio-economic status on numbers of loss categories .....	264
<i>12.6.3 Test-retest reliability.....</i>	265
12.6.3.1 Loss data .....	265
<i>GRIEF MEASURE.....</i>	267
<i>12.6.4 Criterion validity.....</i>	267
12.6.4.1 Interview clinical scores .....	267
12.6.4.2 Correlation of section C scores and items with the clinical scores.....	268
<i>12.6.5 Construct validity.....</i>	271
12.6.5.1 Effect of multiples of loss on Section C scores .....	271
12.6.5.2 Effect of gender on Section C scores .....	271
<i>12.6.6 Test-retest reliability.....</i>	272
<i>12.6.7 Item validity .....</i>	272
<i>12.6.8 Testing for bias .....</i>	273
<b>12.7 SUMMARY .....</b>	<b>273</b>

## **CHAPTER 13: ANALYSIS OF EVALUATION RESULTS .....274**

<b>13.1 WORDING, FORMAT AND ACCEPTABILITY OF QUESTIONNAIRE AND INTERVIEW (OBJECTIVE 1) .....</b>	<b>274</b>
<i>13.1.1 Analysis.....</i>	274
13.1.1.1 Questionnaire .....	274
13.1.1.2 Interview .....	276
<i>13.1.2 Conclusions.....</i>	276
13.1.2.1 Questionnaire .....	276
13.1.2.2 Interview .....	276
<i>13.1.3 Modifications .....</i>	276
Introduction.....	276
Section A.....	277
Section B.....	277
Section C.....	277
<b>13.2 DEMOGRAPHIC CHARACTERISTICS (OBJECTIVE 2) .....</b>	<b>277</b>
<i>13.2.1 Analysis.....</i>	278
<i>13.2.2 Conclusions.....</i>	279
<b>13.3 NEW CATEGORIES OF LOSS AND EXAMPLES WITHIN CATEGORIES (OBJECTIVE 3I) .....</b>	<b>280</b>
<i>13.3.1 Conclusions.....</i>	280
<i>13.3.2 Modifications .....</i>	280
<b>13.4 DESCRIPTIVE STATISTICS FOR THE LOSS DATA (OBJECTIVE 3II) .....</b>	<b>280</b>
<i>13.4.1 Analysis.....</i>	280
<i>13.4.2 Conclusions.....</i>	282
<b>13.5 VALIDITY OF THE COMPONENTS OF SECTION C (OBJECTIVE 4) .....</b>	<b>283</b>
<i>13.5.1 Analysis.....</i>	283
<i>13.5.2 Conclusions.....</i>	286
<b>13.6 VALIDITY AND RELIABILITY OF THE QUESTIONNAIRE (OBJECTIVE 5).....</b>	<b>286</b>
<i>13.6.1 Analysis of loss review.....</i>	286
<i>13.6.2 Conclusions.....</i>	288
<i>13.6.3 Analysis of grief measure.....</i>	289
<i>13.6.4 Conclusions.....</i>	291
<i>13.6.5 Analysis of whole questionnaire .....</i>	292
<i>13.6.6 Conclusions.....</i>	292
<b>13.7 THE GRIEF DIAGNOSTIC INSTRUMENT .....</b>	<b>292</b>

13.8 SUMMARY.....	293
<b>CHAPTER 14: DISCUSSION .....</b>	<b>296</b>
14.1 SUMMARY OF MAIN FINDINGS .....	296
<i>14.1.1 The Grief Diagnostic Instrument (GDI) .....</i>	296
<i>14.1.2 The Grief Diagnostic Interview .....</i>	298
<i>14.1.3 The prevalence of loss and grief in general practice.....</i>	299
14.2 VALIDITY ISSUES OF THE STUDY .....	299
<i>14.2.1 How 'gold' is the gold standard? .....</i>	300
<i>14.2.2 The process as a learning experience.....</i>	300
<i>14.2.3 Effects of non-responders .....</i>	300
<i>14.2.4 Demographic considerations .....</i>	301
<i>14.2.5 Effects of the interviewer .....</i>	301
<i>14.2.6 Effect of depression.....</i>	301
14.3 ISSUES ARISING FROM THE STUDY .....	302
<i>14.3.1 The disenfranchisement of grief.....</i>	302
<i>14.3.2 A paradigm of loss and grief for general practice.....</i>	303
<i>14.3.3 Grieving subjects as a 'special' group as defined by the NH&amp;MRC ethics guidelines .....</i>	303
<i>14.3.4 Acceptability of the exploration of grief by subjects.....</i>	304
<i>14.3.5 Dissimilarity of loss events and life events .....</i>	304
14.4 CURRENT RESEARCH CONTEXT .....	304
<i>14.4.1 Development of grief measures.....</i>	304
<i>14.4.2 Grief literacy.....</i>	306
14.5 IMPLICATIONS FOR FUTURE RESEARCH .....	307
<i>14.5.1 Further evaluation of the Grief Diagnostic Instrument.....</i>	307
<i>14.5.2 Contribution to grief research .....</i>	308
14.6 CLINICAL USES OF THE INSTRUMENTS.....	309
<i>14.6.1 The Grief Diagnostic Instrument.....</i>	309
<i>14.6.2 The Grief Diagnostic Interview .....</i>	310
14.7 RECOMMENDATIONS THAT ARISE FROM THIS STUDY.....	310
14.8 CONCLUSIONS.....	311
14.9 SUMMARY.....	312
<b>APPENDICES.....</b>	<b>313</b>
APPENDIX 1.1: CASE HISTORIES.....	313
Case 1: Somatisation of grief.....	314
Case 2: Patient presenting with depression.....	314
Case 3: Hypertension in a patient with grief.....	315
Case 4: Example of routine after-loss care .....	316
APPENDIX 4.1: ETHICS APPROVAL .....	318
APPENDIX 4.2: PATIENT INFORMATION SHEET .....	320
APPENDIX 4.3: CONSENT FORM .....	322
APPENDIX 4.4: POST INTERVIEW INFORMATION SHEET .....	324
APPENDIX 5.1: DRAFT INTERVIEW SCHEDULE.....	326
APPENDIX 5.2: PROMPT SHEET .....	333
APPENDIX 5.3: TRIAL INTERVIEW SCHEDULE.....	335
APPENDIX 5.4: EVALUATION INTERVIEW SCHEDULE .....	342
APPENDIX 5.5: FINAL GRIEF DIAGNOSTIC INTERVIEW SCHEDULE .....	349
APPENDIX 7.1: PILOT QUESTIONNAIRE.....	356
APPENDIX 7.2: PILOT QUESTIONNAIRE – SECTION B VERSION 2.....	357
APPENDIX 7.3: TRIAL QUESTIONNAIRE .....	374
APPENDIX 7.4: LETTERS OF PERMISSION TO ADAPT INSTRUMENTS .....	376
APPENDIX 7.5: EVOLUTION OF SECTION C.....	383

APPENDIX 7.6: SECTION C ITEMS BY DOMAIN, ORIGIN AND SECTION C VERSION .....	398
APPENDIX 8.1: COMMUNICATIONS WITH PRACTICES .....	400
APPENDIX 8.2: BACKGROUNDS OF INTERVIEWERS AND RESEARCH ASSISTANTS FOR TRIAL	401
APPENDIX 8.3: TRAINING OF INTERVIEWERS AND RESEARCH ASSISTANTS .....	406
APPENDIX 8.4: INFORMATION AND PROCEDURES PACKS & GRIEF SCORE DESCRIPTORS.....	409
APPENDIX 9.1: QUALITATIVE DATA RELATING TO QUESTIONNAIRE.....	412
APPENDIX 9.2: QUALITATIVE DATA RELATING TO INTERVIEW .....	415
APPENDIX 9.3: TEAM DEBRIEFINGS FROM TRIAL AND EVALUATION.....	417
APPENDIX 9.4: NON-RESPONDERS – TRIAL.....	419
APPENDIX 10.1: EVALUATION QUESTIONNAIRE.....	421
APPENDIX 11.1: BACKGROUNDS OF INTERVIEWER AND RESEARCH ASSISTANT FOR EVALUATION .....	422
APPENDIX 12.1: QUALITATIVE DATA RELATING TO QUESTIONNAIRE: EVALUATION .....	429
APPENDIX 12.3: NON-RESPONDERS – EVALUATION .....	432
APPENDIX 13.1: THE GRIEF DIAGNOSTIC INSTRUMENT.....	434
<b>REFERENCES.....</b>	<b>441</b>

## Abstract

This study has developed and evaluated two instruments, a questionnaire, the Grief Diagnostic Instrument, and an interview, the Grief Diagnostic Interview to detect and measure the extant state of grief in general practice patients. These instruments investigate grief from past, present and impending death and non-death related losses occurring directly to the patient, as well as caused indirectly through experiencing grief in sympathy with the grief of others. The unique feature of these instruments is that they investigate grief from all losses rather than merely a single loss.

The questionnaire was demonstrated to be a concise, valid, reliable and sensitive measure, and acceptable to general practice patients. It is suitable for epidemiological studies to detect a broad range of losses and to investigate the prevalence and severity of grief in general practice patients. It is also suitable for comparing the course and severity of grief between losses and identifying commonalities and differences. The interview was found to be an acceptable and valid instrument for undertaking clinical studies. Suggestions for further evaluation of the instruments, and for their uses in grief research and as clinical tools have been proposed.

The findings that 2/3 of the general practice population studied were experiencing loss and that over 1/4 of all subjects were suffering moderate or severe grief, demonstrate grief to be a previously unrecognised significant mental health issue for general practice. The most frequently encountered loss categories were ‘quality of life’, ‘death’, ‘separation’ and ‘job’. Non-death related losses accounted for 4/5 of all the losses detected. The lack of recognition of grief by subjects was demonstrated, particularly relating to migration and relocation. The hypothesis that loss and grief are under diagnosed and under treated in general practice is supported. This indicates the need for a new paradigm of loss and grief in general practice and for large-scale studies to investigate grief in general practice patients and the detection rate by general practitioners.

## Statement

This thesis contains no material that has been accepted for the award of any other degree or diploma in any other University and that, to the best of my knowledge and belief, this thesis contains no material previously published or written by another person, except where due reference is made in the text of the thesis.

The Author consents to the thesis being made available for photocopying and loan if accepted for the award of the degree.

.....

Sheila Clark

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## Glossary

### ***Definitions used in this Thesis***

#### **Loss**

Loss is a perceived negative change by an individual due to the withdrawal of any valued person, object, commodity, state or opportunity from the life of the individual.

Modified from Miller and Omarzu (1996) (Chapter 2.2.1)

#### **Grief**

Grief is the response affecting the physical, emotional, behavioural, cognitive, social and spiritual domains of the individual that occurs in response to

- past present and future losses;
- death related and non-death related losses;
- losses occurring directly to the individual;
- losses caused indirectly through experiencing grief in sympathy with the grief of others.

Modified from Corr (1999) (Chapter 2.2.5)

#### **Grief: the state**

The state of grief is the state of the physical, emotional, behavioural, cognitive, social and spiritual domains of the individual in response to loss at an instant in time.

Modified from Corr (1999) (Chapter 2.2.3)

### **The grieving process**

The grieving process is the process of adaptation to loss over time that may affect the physical, emotional, behavioural, cognitive, social and spiritual domains of the individual.

Modified from Corr (1999) (Chapter 2.2.3)

### **The extant state of grief**

The extant state of grief is the state of the physical, emotional, behavioural, cognitive, social and spiritual domains of the individual over the two week window period up to, and including, the day of measurement in response to:

- past present and future losses;
- death related and non-death related losses;
- losses occurring directly to the individual; and
- losses caused indirectly through experiencing grief in sympathy with the grief of others.

(Chapter 2.2.6)

### ***Other terms used in this Thesis***

BDI

Beck Depression Inventory (Beck, A.T., Ward, C.H., Mendelson, M., Mock, J., & Erbaugh, J. (1961). An inventory for measuring depression. *Archives of General Psychiatry*, 4, 561-71.)

CBI

Core Bereavement Items (Burnett, P., Middleton, W., Raphael, B., & Martinek, N. (1997). Measuring core bereavement phenomena. *Psychological Medicine*, 27 (1), 49-57.)

CI

Chief investigator

Clinical score

Grief measure score of the interview (i.e. no grief/ minimal grief/ mild grief/ moderate grief/ severe grief)

Evaluation  
interview  
schedule

The interview schedule format used in the evaluation

Evaluation  
questionnaire

The questionnaire format used in the evaluation

GHQ

General Health Questionnaire (Goldberg, D.P., & Williams, P. (1988). *A User's Guide to the General health Questionnaire*. Windsor: NFER-Nelson.)

Grief measure

That part of the interview or questionnaire that aims to measure the severity of grief resulting from the losses detected by the loss review (Section C of the questionnaire)

Loss review	That part of the interview or questionnaire that aims to detect grief and which consists of a list of categories of loss situations (Section B of the questionnaire)
Pilot interview	The interview schedule format used in the pilot study
schedule	
Pilot	The questionnaire format used in the pilot study
questionnaire	
SEC	Socio-economic cluster
Section C score	Grief measure score of the questionnaire
Section A	Demographic section of the questionnaire
Section B	Loss review of the questionnaire
Section C	Grief measure of the questionnaire
Trial interview	The interview schedule format used in the trial (Chapter 8)
schedule	
Trial	The questionnaire format used in the trial (Chapter 8)
questionnaire	

## Introduction

“ “So death by leukaemia is now a local instead of an express. Same run, only a few more stops. But that’s medicine, the art of prolonging disease.”

“Jesus,” I said, with a laugh. “Why would anyone want to prolong it?”

“In order to postpone grief”. ’

This discussion between parents of dying children quoted from Peter DeVries’ (1969) autobiographical novel, highlights medicine’s failure to confront the challenges posed by the grief of its suffering patients. While the world’s literature, philosophies and music wrestle with the realities of loss and grief, medicine is still seen as prevaricating about these issues (Davis-Floyd & St John, 1998; Hauerwas, 1990).

Certainly, the palliative care movement of the past 50 years fuelled by the late twentieth century drive for euthanasia legislation, together with recent focuses on post traumatic stress and AIDS, has challenged general practitioners (GPs) to combine excellent medical competence with the humanitarian skills of caring. However, my clinical experiences since the late 1980s have substantiated the previous observations that there still appears to be a masterly evasion of dealing with loss and grief in the broader sense.

I became aware that a hidden agenda in the consultation common to many of my patients, was that of grief caused by loss. I realised that patients experience grief not only relating to the death of a loved one, but also because many conditions for which they normally consult their GP, such as chronic illness, disability, ageing, infertility, miscarriage, stillbirth and birth defect, are those of loss. Furthermore, more covert reasons for consultation included loss situations such as marital breakdown, unemployment, retirement, domestic violence, death of a pet, migration, adoption and being a caregiver. I concluded that whatever the loss, these patients were experiencing the common symptoms of grief, and that appropriate management

of them required that their loss and consequent grief be addressed. The concept of loss and grief, its causes, effects and management are the subject of a paradigm that is already established among the allied health professions of psychology, social work and nursing. The application of this paradigm to general practice seemed to me to provide a new approach which would greatly enhance patient care.

I became curious about how significant a problem grief might be in terms of the prevalence of grief in the wider general practice population, and also in terms of morbidity. My hypothesis was that:

- loss and its subsequent grief is under-recognised and under treated in general practice.

To investigate this, a tool was required, firstly, to detect grief and secondly, to measure its severity. For the convenience of prevalence studies on large numbers of patients, a tool in the form of a self administered questionnaire is the ideal. However, as there was no existing tool that fulfilled these requirements it therefore became necessary to develop such an instrument. Consequently, the first research question that is addressed in this Thesis is:

- Can a valid and reliable self-administered questionnaire be developed to detect and measure the extant state of grief in general practice patients?

One of the problems in developing a questionnaire was that there was no existing standard against which to evaluate it. In order to provide such a standard, a standardised clinical interview was also developed. The second research question that is addressed in this Thesis is:

- Can a valid and reliable standardised clinical interview be developed to detect and measure the extant state of grief in general practice patients?

These questions were addressed by a research study, which is the topic of this Thesis. The aims of the study were as follows:

1. to devise a self-administered questionnaire, the Grief Diagnostic Instrument, whose purpose was to detect and measure the extant state of grief in general practice patients;
2. to devise a standardised interview, the Grief Diagnostic Interview, whose purpose was to detect and measure the extant state of grief in general practice patients.

The objectives of both the questionnaire and the interview were as follows and have been designated by the letters A to D, which will be used throughout this Thesis:

- A. to detect the presence or absence of grief in patients attending general practices;
- B. to determine the categories of loss events causing grief;
- C. to measure the extant state of grief in these patients; and
- D. to demonstrate acceptable levels of validity and reliability.

This Thesis therefore describes the design and evaluation of two instruments to detect and measure grief in general practice patients: the Grief Diagnostic Instrument, which is a questionnaire intended for use in prevalence studies of general practice patient populations, and the Grief Diagnostic Interview, which was designed to be a gold standard against which the questionnaire could be compared. For the sake of clarity, these instruments will in future in this Thesis be referred to as the questionnaire and the interview.

The layout of the Thesis is described in the following paragraphs. Chapter 1 provides the background to the study. It gives evidence that grief from loss is generally unrecognised in general practice, and argues the need for an instrument to detect and measure grief from loss, in order to investigate this further. The chapter concludes by proposing the allied health paradigm of loss and grief as an appropriate resource to development such an instrument.

Chapter 2 describes the allied health paradigm of loss and grief from historical and present day perspectives. Current concepts about loss, grief and the grieving process that underpin the rationale of this Thesis are presented. It continues with giving the rationale for introducing this paradigm to general practice. The lack of a unified measure for the paradigm is identified and the chapter concludes with the need for a specific new instrument to be developed.

Chapter 3 describes the study design to create a self-administered questionnaire to detect and measure grief in general practice patients. It gives the rationale for also developing a standardised interview to detect and measure grief as a gold standard. Although both the questionnaire and interview evolved concurrently through these three stages, the evolution of the interview will be described first in Chapters 5 and 6, followed by the questionnaire in Chapters 7 to 13.

The methodological issues that arise from the study design are described in Chapter 4. Those relating to grief, such as the ethics of conducting research on grieving people, and the detection and measurement of grief, follow from the concepts of loss and grief described in Chapter 2. The issues relating to general practice are also discussed. The chapter focuses on recent research findings from which underlying principles were formed to guide both the format of the interview and questionnaire, as well as the conduct of the study.

The evolution of the interview, through the three stages of development, trial and evaluation described in Chapter 3, is addressed in Chapters 5 and 6. Chapter 5 describes, firstly, the design of the interview in the development stage and how this addresses objectives A to C. It continues by explaining how the design is improved through the stages of the trial and evaluation and concludes with a description of the final Grief Diagnostic Instrument.

Chapter 6 addresses objective D, that is, the validation of the interview. The methods and results are described and the chapter continues with a discussion about the validity of the interview as a gold standard against which the questionnaire will be compared later in the Thesis. The chapter finishes by describing the final Grief Diagnostic Interview and examines to what extent the second research question has been answered.

The questionnaire is addressed in Chapters 7 to 13. Chapter 7 describes the design of the questionnaire in the development stage and how this addresses objectives A to C. The subsequent chapters describe the trial and evaluation, which both fulfil two purposes: to demonstrate how the design of the questionnaire is improved through these stages; and to address objective D, that is, to investigate the validity and reliability of the questionnaire.

The trial of the questionnaire against the interview is described in Chapters 8, 9 and 10. Chapter 8 details the method of the trial on a sample of general practice patients and provides the plan of analysis on which the validation of objectives A to D of the instrument is based for both the trial and the evaluation. The results of the trial are given in Chapter 9. Chapter 10 analyses these results in terms of objectives A to D, including comparisons of the questionnaire and interview data, and describes the modifications made to the instrument as a result.

The evaluation of the questionnaire against the interview is described in Chapters 11, 12 and 13. Chapter 11 details the method of the evaluation on a different sample of general practice patients. The results of the evaluation are given in Chapter 12. Chapter 13 analyses these results in terms of objectives A to D, including comparisons of the questionnaire and interview data, and describes the modifications made to the instrument as a result. The chapter finishes by describing the final Grief Diagnostic Instrument and examines to what extent the first research question has been answered.

The final chapter, Chapter 14, summarises and discusses the main findings from the study and suggests further avenues for research as well as clinical uses of the two instruments. The chapter finishes with recommendations and conclusions that come from the study.