Review Article



The bereavement experiences of lesbian, gay, bisexual and/or trans* people who have lost a partner: A systematic review, thematic synthesis and modelling of the literature Palliative Medicine 2016, Vol. 30(8) 730–744 © The Author(s) 2016



Reprints and permissions: sagepub.co.uk/journalsPermissions.nav DOI: 10.1177/0269216316634601 pmj.sagepub.com

Katherine Bristowe¹, Steve Marshall² and Richard Harding¹

Abstract

Background: Socially excluded populations have poorer access to care; however, little attention has been paid to lesbian, gay, bisexual and/or trans* people are at increased risk of certain life-limiting illnesses and may not receive the care and support they need at the end of life and into bereavement.

Aim: To identify and appraise the evidence of the bereavement experiences of lesbian, gay, bisexual and/or trans* people who have lost a partner and develop an explanatory model of lesbian, gay, bisexual and/or trans* partner bereavement.

Design: Systematic review (in accordance with the Preferred Reporting Items for Systematic Reviews and Meta-Analyses guidelines) and thematic synthesis with assessment of reporting and rigour. Quantitative or qualitative articles reporting bereavement experiences of lesbian, gay, bisexual and/or trans* partners were included, excluding articles reporting multiple losses in the context of HIV or AIDS. **Data sources:** PsycINFO, MEDLINE, Web of Science, Scopus, Cochrane Library. Inclusion dates: database inception – 30 April 2015. **Results:** A total of 23 articles reporting on 13 studies were identified. Studies described universal experiences of the pain of losing a partner; however, additional barriers and stressors were reported for lesbian, gay, bisexual and/or trans* people, including homophobia, failure to acknowledge the relationship, additional legal and financial issues and the 'shadow' of HIV or AIDS. A novel model was developed to explain how the experience for lesbian, gay, bisexual and/or trans* people is shaped by whether the relationship was disclosed and acknowledged in life and into bereavement and how this impacts upon needs and access to care.

Conclusion: There is a need for healthcare providers to avoid hetero-normative assumptions; be mindful of additional stressors in bereavement for lesbian, gay, bisexual and/or trans* people; and consider additional sources of support to deliver individualised holistic care.

Keywords

Lesbian, gay, bisexual, transgender, bereavement, death, partner

What is already known about the topic?

- Socially excluded populations have poorer access to healthcare.
- People who identify as lesbian, gay, bisexual and/or trans* (LGBT) have increased risk of certain life-limiting illness, but evidence suggests that they may not access the care and support they need towards the end of life.
- LGBT people continue to report discrimination from healthcare providers and fear discrimination in bereavement.

¹King's College London, Cicely Saunders Institute, Department of Palliative Care, Policy & Rehabilitation, London, UK ²Department of Palliative Care, King's College Hospital NHS Foundation Trust, London, UK

Corresponding author:

Katherine Bristowe, King's College London, Cicely Saunders Institute, Department of Palliative Care, Policy & Rehabilitation, Bessemer Road, London SE5 9PJ, UK. Email: Katherine.Bristowe@kcl.ac.uk

What this paper adds?

- Loss of a partner is associated with universal experiences of grief, pain and struggling to continue with life alone, regardless
 of sexual identity or gender history.
- However, LGBT people face additional barriers and stressors in bereavement, including homophobia, failure to acknowledge their relationship, additional legal and financial issues and the 'shadow' of HIV or AIDS.

Implications for practice, theory or policy

- A new theoretical model is proposed which explores the interaction between disclosure and acceptance of LGBT relationships, and how that may impact upon bereavement experiences.
- There is a need for healthcare professionals to avoid assumptions of heterosexuality, explore identity sensitively in line with preferences for disclosure and consider additional sources of support to ensure LGBT people receive the individualised holistic care they need in bereavement.

Introduction

Grief and bereavement are universal human experiences of adjustment after a death. Recent theories of grief have moved beyond a staged or phased understanding,^{1–3} to models which recognise the active nature of grief as the survivor navigates pain and loss and begins to restore their identity as an individual,⁴ and find a new place for the relationship with the deceased.⁵ Recent models have also recognised factors that shape the grief experience, including social mediators and concurrent stressors.⁶ Social factors that may lead to disenfranchised grief have been recognised, where the deceased had a stigmatised death or where the relationship with the deceased was not acknowledged or publicly recognised, limiting the individual's access to support and the grieving role.⁷

Bereavement heavily impacts those closest to the deceased.⁸ Those who performed a caregiving role are 20%–50% more at risk of mental health problems in bereavement than non-caregivers.⁹ Individuals who have lost their primary relationship are less likely to seek medical attention where necessary,¹⁰ are at increased odds of worsened or new illness¹¹ and have increased mortality.¹² Compared to non-bereaved individuals, bereaved people have significantly worse health prior to, and in the year following, bereavement and are significantly less likely to be employed up to 2 years post bereavement.¹³

There is increasing recognition that lesbian, gay, bisexual and/or trans* (LGBT) communities represent minority groups with specific healthcare needs.^{14,15} People who identify as LGBT are at increased risk of life-limiting illnesses, including certain cancers,^{16–18} and exhibit more risk behaviours linked to experiences of discrimination.^{19–22} A recent systematic review described a potentially increased need for palliative care among these communities.²³ Isolation is more common among the LGBT communities, particularly among the older generations,²⁴ who may face additional barriers when accessing healthcare, resulting in a reluctance to share their identity with healthcare professionals.²⁵ Moreover, experiences of discrimination against LGBT people are still common in healthcare settings.^{26,27} A recent UK survey of 522 lesbian, gay or bisexual adults identified that 34% had concerns about arranging end-of-life care and 24% expected to face barriers relating to their sexual identity when planning a funeral.²⁸

In light of the above, and the significant impact of bereavement on those closest to the deceased (partners), the aim of this review was to identify and appraise the evidence of the bereavement experiences of LGBT people who have lost a partner and to develop a new explanatory model of bereavement to aid clinicians in delivering holistic, individually tailored support among the LGBT communities. The specific study objectives were to (1) identify the literature, (2) appraise the quality and reporting, (3) synthesise the literature and (4) build a novel theory of LGBT bereavement experiences from the existing literature.

Methods

Search strategy

Our systematic literature review and thematic synthesis, with appraisal of scientific reporting and quality, was undertaken in accordance with the Preferred Reporting Items for Systematic Reviews and Meta-Analyses (PRISMA) guidelines.²⁹ We searched titles, abstracts and keywords of articles indexed within five databases (PsycINFO, MEDLINE, Web of Science, Scopus and Cochrane Library) from database inception to 30 April 2015. Search terms were developed and piloted with an information specialist, to ensure broad inclusivity, and included a combination of the following terms: bereave* OR grief* OR griev* OR mourn* AND lesbian OR gay OR bi*sexual* OR trans*gender* OR homo*sexual*. For

Inclusion criteria were qualitative or quantitative primary studies reporting the experiences of LGBT people whose partner had died. Exclusion criteria were (1) studies reporting experiences of bereavement outside of the LGBT communities (or studies that did not disaggregate LGBT from heterosexual or cisgender experiences); (2) studies reporting social losses (e.g. employment and financial losses); (3) studies reporting losses of other relationships (friends, siblings, parents, children and other relatives) or that did not separate description of other relationship losses from the loss of a partner; (4) studies reporting multiple losses in the context of HIV or AIDS, rather than loss of the primary relationship; (5) case reports (not research); (6) studies not reporting primary research; (7) studies not published in peer-reviewed journals; and (8) studies not published in English.

Two authors (K.B. and S.M.) screened the titles and abstracts, and articles were excluded according to the exclusion criteria. Full text of the remaining articles was appraised against the inclusion criteria by all authors. Each included article was assessed for reporting by two authors using the consolidated criteria for reporting qualitative research (COREO) criteria³⁰ for qualitative articles (K.B. and S.M.) or the Strengthening the Reporting of Observational Studies in Epidemiology (STROBE) statement³¹ for quantitative and mixed methods articles (K.B. and R.H.). Each article was assessed for methodological rigour by two authors (K.B. and R.H.) using the Hawker et al. checklist,³² designed to appraise evidence when reviewing disparate data (rates nine components – very poor 0, poor 1, fair 2 and good 3). Rather than relying on a total score, the checklist enables the reader to make an assessment about the different aspects of the study. Articles were not excluded on the basis of the assessment of rigour. If necessary the senior author (R.H.) adjudicated decisions on inclusion, exclusion, reporting and quality rating.

All text, including quotations reported in the article, under the headings of 'results' or 'findings' were imported verbatim into Nvivo 10 qualitative data software. A thematic synthesis of the data was performed,³³ using three consecutive phases: (1) line by line coding of the results of included studies; (2) development of descriptive themes encompassing the themes or codes of the primary studies, with particular attention to similarities and differences across and between studies; and (3) development of analytical themes, going beyond presentation of the original data. Findings from the quantitative studies were summarised descriptively and incorporated into the synthesis and thematic framework. The findings from the thematic synthesis were used to develop an original model to explain LGBT experience of partner bereavement.

Palliative Medicine 30(8)

Results

Search yield

Our search yielded 697 articles. After removal of duplicates (233), 426 articles were excluded according to the stated criteria. A total of 38 articles were retained for fulltext review, after which a further 17 were excluded. Two further articles were added from the references of included articles (see Figure 1 for the PRISMA flow diagram).

Study descriptions

A total of 23 articles were included in the review:^{34–56} 12 qualitative, 10 quantitative and 1 mixed methods. The articles report on 13 studies (see Table 1) and the experiences of 555 individuals (as 10 articles are from the same study, the University of California San Francisco (UCSF) coping project,^{46,48-56} the participants are not discrete samples and derive from the same data set. Therefore, the total participants in the quantitative studies (Figure 1) are taken from the first article from the UCSF coping project which reported the total number at study entry⁴⁶ (n=314), and the figure reported in the Multicenter AIDS Cohort Study (MACS; n=78).⁴⁷ Similarly, the participants described in the two Irish qualitative articles^{38,40} represent the same sample, so they are counted only once in the total participants for qualitative studies (n = 163)).

Of the qualitative studies, six were from the United States, two from Canada, one from Ireland and two from the United Kingdom. Both quantitative studies were from the United States. Overall, the qualitative studies were more recent – all except two articles were published in the last decade (since 2006), while the majority of the quantitative articles were published in the mid-late 1990s (Table 1). No quantitative studies were identified reporting bereavement experiences of LGBT partners outside of the context of HIV or AIDS.

The qualitative studies utilised varied methods of data collection: eight used interviews, two used surveys or questionnaires and one used focus groups. Methods of analysis included grounded theory or constant comparative approaches; phenomenology; narrative analysis, thematic or content analysis; and approaches described as 'qualitative', 'descriptive' and 'exploratory'. The two quantitative studies were part of larger longitudinal prospective observational studies, utilising measures to assess mood, behaviours, psychosocial resources and coping, including the Centers for Epidemiology Scale-Depression (CES-D);57 the Profile of Mood States (POMS) questionnaire;58 the 12-item Life Orientation Test;59 the Ways of Coping Scale;⁶⁰ the Dyadic Adjustment Scale;⁶¹ the Social Support Questionnaire;62 the Positive State of Mind Scale;⁶³ Bradburn's Affect Balance Scale;⁶⁴ the Structured Clinical Interview for Diagnostic and Statistical Manual

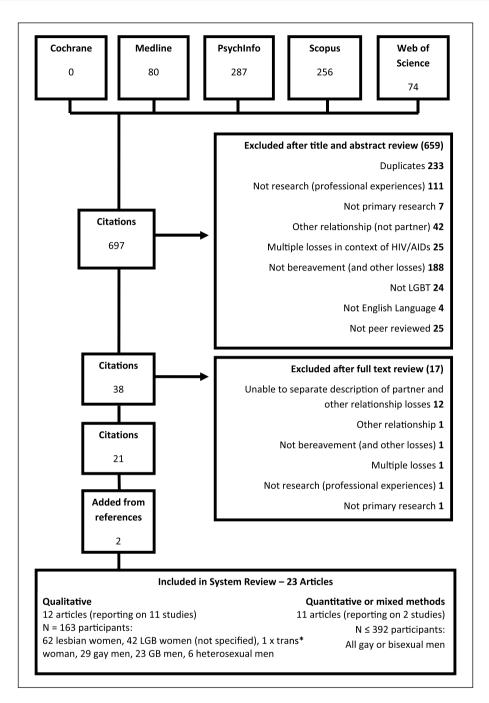


Figure 1. PRISMA flow diagram of study selection and exclusion.

of Mental Disorders (3rd ed., rev.; *DSM-III-R*; SCID);⁶⁵ the Daily Hassles Scale;⁶⁶ and the Impact of Event Scale.⁶⁷

Methods were poorly described in some studies. For qualitative articles, details regarding the personal characteristics of the researcher, relationship with the participants prior to the study, number of coders, data saturation, description of coding tree and participant checking were rarely described (see Online Supplementary Table 1).

For the quantitative articles, the design was rarely described in the title or abstract, and details regarding the sample size calculations, management of missing data and loss to follow-up were often absent (see Online Supplementary Table 2).

Comprehensiveness of study reporting

The comprehensiveness of reporting was variable across the studies (Online Supplementary Tables 1 and 2). All articles reported the number of participants and key demographics (e.g. age, ethnicity and education). However,

No.	Reference	Location	Aim	Methodology	Participants or sample or study
Ι	Almack et al. ³⁴	UK	Explore how sexual orientation may impact upon concerns about, and experience of, end-of-life care with same-sex relationships	Qualitative, focus groups, 'qualitative methods' and 'narrative analysis'	15 'LGB people' (10 male and 5 female people), sexuality not defined – NB. Not all participants were bereaved – only bereavement experiences were extracted
2	Bent and Magilvy ³⁵	USA	Explore the bereavement experiences of lesbians whose life partners died	Qualitative, interviews, 'feminist phenomenology'	6 lesbian women
3	Cadell and Marshall ³⁶	Canada	Explore individuals self-construals after the loss of a partner from HIV or AIDS for whom they were a caregiver	Qualitative, interviews, 'grounded theory'	6 gay men, I trans* women
4	Fenge ³⁷	UK	Explore the bereavement experiences of lesbian and gay elders	Qualitative, interviews, 'interpretative thematic content analysis'	3 gay men, 1 lesbian woman
5	Glackin and Higgins ³⁸	Ireland	Explore the bereavement experience of lesbian or gay and bisexual people after the death of their partner	Qualitative, interviews, 'descriptive exploratory'	7 people from 'same-sex couples' (3 male and 4 female people) – sexuality not defined (Irish data set article 1/2)
6	Hash ³⁹	USA	Explore experiences in 'post caregiving' or the period following cessation of care	Qualitative, interviews, 'constant comparative'	19 'same-sex partners' (10 male and 9 female people) – sexuality not defined
7	Higgins and Glacken ⁴⁰	Ireland	Explore grief experience of same-sex couples within an Irish context	Qualitative, interviews, 'thematic analysis'	7 people from 'same-sex couples' (3 male and 4 female people) – sexuality not defined (Irish data set article 2/2)
8	Hornjatkevyc ⁴¹	Canada	Explore the meaning of the bereavement experiences of gay widowers who have lost a partner to non-aids-related causes	Qualitative, interviews, 'hermeneutic phenomenology'	8 gay men
9	Jenkins et al.42	USA	Explore bereavement issues for older lesbians	Qualitative, surveys, 'qualitative analysis'	55 lesbian women
10	McGaffic and Longman ⁴³	USA	Explore bereavement experiences of surviving partners of gay men who had died of AIDS-related complications	Qualitative, interviews, 'grounded theory'	6 gay men
11	O'Brien et al. ⁴⁴	USA	Explore experiences of men grieving the death of their partner due to terminal illness. How might gay men's grief be different?	Qualitative, interviews, 'constant comparative'	6 gay men and 6 heterosexual men – NB. Not all participants were gay men – only separate or comparative experiences of gay men were extracted
12	Whipple ⁴⁵	USA	Explore how participants found meaning after the loss of a lesbian life partner	Qualitative, questionnaire, 'analysis not specified'	24 'lesbian or bisexual women' – sexuality not defined
13	Folkman et al. ⁴⁶	USA	Examine the course or predictors of depressive mood during the months following the death of a partner in HIV+ and HIV- gay men whose partners died of AIDS	Quantitative, prospective observational	163 gay or bisexual men – NB. Not all participants were bereaved – only separate or comparative, bereaved participant data were extracted (UCSF coping project 1/10)

 Table I. Articles included in the systematic review and thematic synthesis.

(Continued)

Table I. (Continued)

No.	Reference	Location	Aim	Methodology	Participants or sample or study
14	Kemeny et al. ⁴⁷	USA	Determine whether immune changes relevant to HIV progression occurred in HIV+ men after death of their partner and whether depressed mood was associated with these immune changes	Quantitative, prospective observational	78 gay or bisexual men – NB. Not all participants were bereaved – only separate or comparative, bereaved participant data were extracted (Multicentre AIDS Cohort Study)
15	Mayne et al. ⁴⁸	USA	Track the levels of high-risk sexual behaviour in HIV+ and HIV- gay men during the year before and after their partner's death	Quantitative, prospective observational	100 gay men (UCSF coping project 2/10)
16	Moskowitz et al. ⁴⁹	USA	Examine whether positive psychological states add to our understanding of the bereavement process over and above negative psychological states	Quantitative, prospective observational	86 gay or bisexual men (UCSF coping project 3/10)
17	Moskowitz et al. ⁵⁰	USA	Examine coping over the course of caregiving, and into bereavement. Explore the relationship between coping and mood	Quantitative, prospective observational	110 gay or bisexual men (UCSF coping project 4/10)
18	Park and Folkman ⁵¹	USA	Examine the effects of caregiving and bereavement on psychological and social resources and whether this is impacted upon by imminence of the bereavement and HIV status	Quantitative, prospective observational	141 gay or bisexual men (UCSF coping project 5/10)
19	Richards et al. ⁵²	USA	Explore the presence of spiritual phenomena 3–4 years following bereavement and compare the content of spiritual phenomena with that reported within the first month of bereavement	Mixed methods, prospective observational	70 gay men (UCSF coping project 6/10)
20	Richards and Folkman ⁵³	USA	Categorise emergent spiritual beliefs, experiences and rituals and to analyse the relationship between spirituality and coping, mood and physical health	Quantitative, prospective observational	121 gay men (UCSF coping project 7/10)
21	Rosengard and Folkman ⁵⁴	USA	Examine relationship between suicidal ideation, bereavement, HIV status and psychosocial variables among gay male caregiving partners of men with AIDS	Quantitative, prospective observational	253 gay or bisexual men – NB. Not all participants were bereaved – only separate or comparative, bereaved participant data were extracted (UCSF coping project 8/10)
22	Satterfield et al. ⁵⁵	USA	Provide a prospective repeated measures test of the learned helplessness diathesis – stress model to explain post bereavement depressive symptoms in a homogeneous sample of gay caregivers	Quantitative, prospective observational	30 gay men (UCSF coping project 9/10)
23	Stein et al. ⁵⁶	USA	Determine whether analysis of appraisal and goal processes in narratives provide an account of caregivers' psychological well-being at the time of the partner's death or 12 months later	Quantitative, prospective observational	30 gay or bisexual men (UCSF coping project 10/10)

LGB: lesbian, gay or bisexual; UCSF: University of California San Francisco.

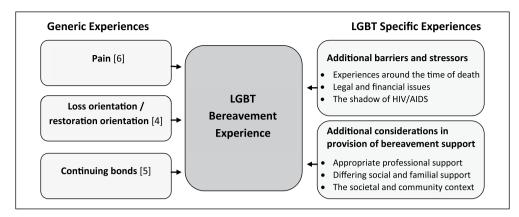


Figure 2. Generic and LGBT-specific bereavement experiences.

sexuality was often poorly defined with many studies favouring grouped identifies ('gay or bisexual men', 'LGB people' and 'same-sex partners'). The experiences of bisexual people were absorbed within the broader grouped identities, with no exploration of their experiences independently. The experiences of trans* people were poorly represented with just one study including a trans* participant, and no exploration in the article of how her trans* identity shaped her experiences.

Quality of included studies

An assessment of rigour was undertaken for each study according to the Hawker et al.³² checklist. The main areas where articles were found to be of lower quality included the criteria of consideration of ethics, bias and sampling (particularly for older quantitative articles from the 1990s) and demonstration of transferability or generalisability (qualitative articles). Also, a number of articles failed to include a clear descriptive title or adequate abstract (see Online Supplementary Table 3).

Synthesis

Findings from the 23 articles could be separated into two broad emergent themes: universal or generic bereavement experiences at the loss of a partner and LGBT-specific bereavement experiences (see Figure 2 for themes and sub-themes and Table 2 for illustrative quotes).

Generic bereavement experiences. The loss of the primary relationship is, to some extent, a universal experience, regardless of sexual identity or gender history. The death of the person who you are closest to, and have shared your life and future plans with, is associated with generic experiences of pain, loss, restoration of individual identity and continuing bonds with the deceased, as recognised in previous literature.^{4–6} Participants in the included studies described an overwhelming sense of loss and grief, after the loss of their partner, and the totality and physicality of the pain (quote 1). They also described loss of purpose and a need to distract themselves with necessary death related tasks. However, they also depicted the struggle to rebuild their identity alone (quote 2) and find a place for the relationship with the deceased as they continue their life alone.

LGBT-specific experiences. Other experiences of bereavement described within the 13 studies were specific to LGBT communities, including additional barriers and stressors or social mediators and concurrent stressors,⁶ regarding care during and around the time of death, legal and financial issues and the 'shadow' of HIV or AIDS. However, they also described experiences which reflect the potential additional considerations when supporting bereaved LGBT people: professional support, social and familial support and societal and community support.

Additional barriers and stressors in bereavement

Experiences around the time of death. Experiences of bereavement for LGBT partners were often shaped by interactions with healthcare professionals prior to, and at the time of, death. Some participants described feeling well supported, with healthcare professionals recognising the depth of their relationship and their need to be supported together, as a couple (quote 3). Specifically, recognition of the partner's needs, and asking about their well-being, as well as the patient's, was a source of great support for individuals.

However, other participants described additional stressors around the time of death. Homophobia was a concern for some couples, whether experienced through rudeness and hostility or expected and feared. Other participants described being excluded from discussions and decisionmaking and a lack of acknowledgement of their relationship (quote 4). These experiences of exclusion also extended for some to the time of death, being unable to be

No.	Reference	Example quote
I	O'Brien et al. ⁴⁴	'A lot of times it surprised me that it was so animalistic the grief, the pain, the cry was so guttural. You know, it's from so deep within and I did all that privately when I would cry like that it would be in private'
2	McGaffic and Longman ⁴³	'You have to start to furnish your room again. Not your physical room, your life room. You have to put your furniture in there or you are just staring at four empty walls. The person who animated and coloured it isn't there anymore. This was a slow process, it really was'
3	McGaffic and Longman ⁴³	'The first time in the hospital when he got hospitalised, the first night, I stayed there in the chair. The nurses were real nice. The next day we moved to another room where there were two beds because I slept there. He didn't spend the night by himself. I was there with him every time. I stayed. Each time we went to the doctors, we did it together. We went through it together'
4	Glackin and Higgins ³⁸	'I wasn't seen as having any particular role. I was just a friend who was visiting him [in hospital] they sent for his sister and when she arrived we got more and more information'
5	Bent and Magilvy ³⁵	'Of course, they wouldn't let me in the room, but I found a little corner desk where I could at least see her feet, which wasn't much so I never got to say goodbye'
6	Hornjatkevyc ⁴¹	'I've been his sister for 65 years and you've only been with him for 8'. 'What's that supposed to mean? Like she has seniority? And because she has seniority she has entitlement to these things? So there were all these things going on that just made the process even more painful'
7	Hornjatkevyc ⁴¹	'I've got to the point where in the same sentence I usually say that I lost my partner to cancer. If you say I lost my partner or my partner passed away, and you give the opportunity to say, what did he pass away from? You know immediately that their minds are thinking AIDS and they're backing off'
8	O'Brien et al. ⁴⁴	'If anyone asked me questions or approached me directly, I'd give them an honest answer about my sexuality or about us being together. But when it came down to the disease of AIDS, that stigma was a terrible black cloud. You aren't allowed to tell anybody about it for fear of losing your job or fear of being closed out of a group of friends. And when you need the support the most, people are running from you'
9	Hash ³⁹	'Even though I was not treated badly, I always had that fear that I could be treated badly there is always a threat that you carry around in your heart that they can be bad to you'
10	Glackin and Higgins ³⁸	'They were having a meeting for newly bereaved people in the hospice and I went to that. I was opposite a man whose wife had died and I ended up talking to him. And, in the end, he just said to me, "You've only lost a friend", he said, "And I've lost my wife" In the end I just got up and walked out. That was one of the worst times. I never felt as lost and isolated as I did that night'
П	Fenge ³⁷	'They were all very heterosexual and there was absolutely no mention of a gay relationship or partners, so it didn't feel it was; it didn't feel it could be about me'
12	O'Brien et al. ⁴⁴	¹ I might not be as frank as I would like to be or I don't feel at ease to speak what I'm truly feeling as far as my family goes. They are somewhat accommodating of my lifestyle, somewhat not. And I'm afraid that if I say too much, I might push them farther away and I need to be careful because my family is all I have right now'
13	Almack et al. ³⁴	'my late partner had children and his daughter in particular I'm quite close to and I'm godfather to two of the grandchildren. So there is a closeness there, and I've actually got a younger generation that might be of help to me as an older person, because most of us have got nobody younger that they would consider to be close'
14	Jenkins et al. ⁴²	'The worst emotional toll was that her family pulled away and I don't get to see the grandkids I helped raise'.
15	Fenge ³⁷	'Oh it's wonderful; it's more than friendship; it's family; well, it's more than family'
16	Jenkins et al. ⁴²	'Because most of us become invisible as we become older, it becomes harder to find other lesbians to interact with. This is so isolating that it is the most difficult thing to overcome'
17	Fenge ³⁷	'I actually found that all the agencies that I had to deal with were totally professional and really helpful and supportive'
18	Glackin and Higgins ³⁸	'We were known as the two Kates, we were together for 20 years I mean I had no idea what they [people in the community] thought our relationship was, they knew we shared the house and whatever I think they probably all knew but didn't want to know, if you know what I mean. Like if I don't say it out loud it's not real, I don't have to acknowledge it, and then I don't have to worry about whether I accept or I don't accept it'
19	Glackin and Higgins ³⁸	'I was mentioned in the death notice, you know, as his after his mother, as his faithful friend.

Table 2. (Continued)

No.	Reference	Example quote			
20	Jenkins et al. ⁴²	'There isn't even a word to describe the situation – you had to use "widowed", which is legally incorrect'			
21	Bent and Magilvy ³⁵	'There was a memorial service and I was the only one sitting on one side of the church. I was all alone and her family was all on the other side. It was like me and them and I was feeling very embarrassed actually'			
22	Jenkins et al.42	'Our relationship was under the radar due to her high profile in the community. My feelings at her death were not able to be acknowledged'			
23	Almack et al. ³⁴	'I knew he wanted burial and he wanted to be buried next to his mother. He ended up being cremated (which) was totally against his religion I couldn't stop them but it was like strangers organizing his funeral; I was his family But he never wanted it to be known that he was gay. And I respected that, so he wasn't out, I wasn't out then either. I couldn't talk to my family they thought David was just a friend. I was a right mess. I had no-one to turn to'			
24	Fenge ³⁷	'The death of a partner becomes a very public thing so it's an issue and it forces you into a situation you weren't quite ready for'			
25	Jenkins et al. ⁴²	'Only a few people attended the service because my partner was not "out" prior to her passing and I outed her in her obituary None of my family attended the funeral I have loads of anger about how I was treated by others over her passing'			

with their partner when they died or with the body after death. This had a profound effect on individuals at the time and into bereavement, as they felt denied the opportunity to say goodbye (quote 5).

Additional legal and financial issues. Additional barriers described by bereaved LGBT participants included legal and financial issues. While these differ greatly across the countries of origin of the participants and have changed over time to move towards more parity with heterosexual couples in recent years, there remains an additional layer of complexity to the financial entitlements of same-sex couples compared to their heterosexual peers. Moreover, among the LGBT communities, estrangements or strained relationships with biological family are more common, which in turn presents additional possibilities of contesting of wills and assets around the time of death (quote 6). Such legal and financial battles with families heightened the bereavement experience of the participants, creating an additional layer of stress and discomfort.

Shadow of HIV or AIDS. HIV or AIDS remains a 'shadow' over the bereavement experiences of gay and bisexual men and is prominent within the literature from the 1990s. The two quantitative studies identified additional challenges or risk factors for men who had lost their partner to HIV or AIDS, often related to social isolation and stresses in bereavement. High levels of depression were identified among bereaved partners, with mean depression score above the cut-off for 'at risk of major depressive disorder' from 3 months before bereavement to 7 months after the loss. Also, HIV+ status, longer relationships, pre-bereavement distancing and experiencing bereavement hassles were predictors for unrelieved depressive mood.⁴⁶ Those

experiencing initially high levels of depression, and those with high levels of hopelessness and daily stress, were also more likely to have depressive symptoms up to a year post bereavement.⁵⁵ Positive states of mind, optimism and low levels of cognitive escape avoidance at 1 month post bereavement were associated with greater likelihood of recovery.⁴⁹ At 3 years post bereavement, mean levels of depressive mood remained elevated compared to the general population.

Those having lost a partner to HIV or AIDS also reported increased sexual risk taking in the first year after bereavement,⁴⁸ and higher levels of suicidal ideation, particularly among those who felt burdened by caregiving, and described low levels of support or social integration.⁵⁴ High levels of spirituality were reported among the participants,⁵³ maintained 3-4 years after bereavement,⁵² and there was no difference in psychological and social resources between HIV- and HIV+ bereaved partners.50,51 Critically, for gay and bisexual men living with HIV or AIDS themselves who had lost a partner to HIV or AIDS, immune changes relevant to HIV progression were evident less than 1 year after the bereavement, which were not explained by risk behaviours (alcohol, smoking and drug use) or antiretroviral medication,⁴⁷ suggesting a physical, as well as psychological impact, of losing a partner to HIV or AIDS.

In the qualitative data, gay and bisexual men described the stigma associated with losing a partner to HIV or AIDS. However, for those whose partners died of other causes, participants described assumptions that the deceased had died of HIV or AIDS and the need to explain the death in more detail than they would have chosen to at that time, to avoid such assumptions (quote 7). These assumptions were also extended to the bereaved partner and impacted upon the support they received. When a partner was lost to HIV or AIDS, some individuals described disenfranchisement,⁷ being forced to conceal the nature of the loss and of the relationship, for fear of the impact on their support network and job (quote 8).

Additional considerations in provision of bereavement support

Appropriate professional support. Participants also described their experiences of accessing professional support, particularly bereavement support groups, after their partner had died. For some, this was a positive experience, feeling well supported and that their loss was recognised and acknowledged. However, for others, the fear of lack of acceptance, or homophobia from other members of the group, created a barrier, preventing them attending (quote 9). Indeed, some participants who did attend were treated with hostility or lack of understanding from other group members (quote 10). For others, the discrimination was more subtle, with hetero-normative discussions and little or no consideration of other relationship configurations (quote 11).

Differing social and familial support. The fragility of biological family relations for LGBT people was described frequently in the studies, with many participants experiencing a degree of estrangement. For some, who were not 'out' with their own families, the lack of support, due to not being able to share the loss, was an additional barrier. Others described fear of sharing too much with family, with whom they were 'out', at the risk of pushing them away (quote 12). Participants also described relationships with the deceased partner's biological family. Some were able to maintain a close relationship, which was a source of support, comfort and reassurance for the future (quote 13). However, others experienced challenges including guilt imposed on them due to their relationship, or complete withdrawal of the partner's family, with whom they had been close for many years (quote 14). The importance of 'chosen family' was well recognised within the interviews. Participants described the essential support they received from the LGBT community and the closeness they felt for their chosen family (quote 15). However, others described challenges of reengaging with the LGBT community after bereavement (quote 16).

Societal and community context. Experiences of bereavement were also influenced by interactions with society and community more broadly, shaped by the degree to which the participant's relationship was accepted by society and individuals, and if it was disclosed openly. The interaction between acceptance and disclosure, and their influence on the bereavement experience of LGBT people, has been delineated in Figure 3 – the 'acceptance–disclosure model' of LGBT partner bereavement experiences – a new model

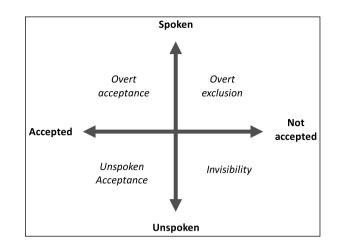


Figure 3. Acceptance–disclosure model of LGBT bereavement experiences.

informed by the findings of this synthesis and the previous literature. Individuals can be plotted onto this model, to inform clinical considerations in line with their needs.

Model: the 'acceptance-disclosure model' of LGBT partner bereavement experiences

Those who are 'out' within their community and have their relationship acknowledged and accepted within society would be identified in the top left of this model, in the position of overt acceptance. In contrast, those whose relationship is accepted but not openly disclosed would be identified in the bottom left, in the position of unspoken acceptance, a condition also described previously as tacit acknowledgement.³⁸ Individuals who are 'out' within their community but have experienced estrangement or lack of acceptance of their relationship would occupy the position of overt exclusion in the top right of this model. Finally, those for whom their relationship is neither disclosed nor acknowledged or accepted would be identified in the bottom right in the position of invisibility.

All those occupying positions outside of overt acceptance could be at risk of disenfranchisement,⁷ where the relationship with the deceased is either stigmatised or unrecognised, or adverse grief outcomes. Each area of the model is described in more detail below, with examples from the data from the included studies, and discussion of the implications for bereavement and support.

Overt acceptance (accepted+, spoken+)

Some participants experienced acceptance and acknowledgement from the community, and institutions, recognising their loss and treating them with respect (quote 17) enacted through talking openly and supportively about their relationship. *Implications for bereavement and support.* Individuals in this position within the model are more likely to be well supported in their relationship and into bereavement, and therefore, additional supportive needs may be minimal. However, in bereavement, individuals may experience a shift from overt acceptance to a less favourable position (quote 10), due to negative experiences. Importantly, as with other positions in the model, participants will experience varying degrees of acceptance and acknowledgement enacted through individual interactions, and their proximity to other areas of the model will shift with each experience.

Unspoken acceptance (accepted+, spoken-)

In contrast, some participants described receiving support in bereavement, despite their relationship not being openly disclosed, a condition previously described as tacit acknowledgement³⁸ (quote 18). Although preferred by some participants, the risk of this unspoken acceptance includes lack of recognition of the loss, failure to assess bereavement needs and a risk of tacit exclusion³⁸ (quote 19). This indirect neglect of the relationship is further compounded by society's inadequate lexicon to describe the loss of a civil partner or same-sex married partner (quote 20).

Implications for bereavement and support. Individuals occupying the position of unspoken acceptance may need additional consideration in bereavement. The lack of communication about their relationship may impact upon their access to support services, as they may be overlooked by healthcare professionals who fail to recognise that they have lost their primary relationship.

Overt exclusion (accepted-, spoken+)

Other participants described overt exclusion from their community and disenfranchisement.⁷ While the relationship was acknowledged, it was not accepted or supported (quote 21). The lack of opportunity to take comfort in sharing their bereavement experience, with friends and family, further compounded their grief.

Implications for bereavement and support. Those occupying the position of overt exclusion may be at increased risk of adverse bereavement outcomes due to the additional barriers and stressors they experience and, therefore, may need additional support. In addition, for some individuals, due to historical factors, such as having lived through a period when homosexuality was illegal, there may be an expectation of homophobia or assumption of overt exclusion, even if this is not actualised in interactions with healthcare professionals.

Invisibility (accepted-, spoken-)

Finally, some participants described invisibility in their bereavement, within society and the community, resulting in disenfranchisement,⁷ and an inability to access support (quote 22). This also excluded them from the vital experience of celebrating and commemorating their relationship at funeral and memorial services – an important part of grieving (quote 23).

Implications for bereavement and support. Those identifying within the position of invisibility will rely on sensitivity from the clinical team to recognise the depth and nature of the relationship in order to access the support they need. Their disenfranchised status increases their risk of adverse bereavement outcomes, and careful consideration of potential additional sources of support will be needed, in line with their preferences for disclosure. For some individuals, however, the isolation of grief within an invisible relationship may be overwhelming, and they may be forced to 'come out' in bereavement, in order to access support (quote 24), perhaps resulting in a move into overt exclusion (quote 25). These individuals are particularly vulnerable, and such experiences are associated with increased stress at a critical time and potential additional or increased supportive care needs.

In practice, the 'acceptance–disclosure model' can be used by clinical teams as a tool to plot and consider an individual's, or couple's, position in relation to acceptance and disclosure. This in turn may prompt consideration of the potential additional barriers and stressors that LGBT individuals may face in bereavement, to enable proactive assessment of needs, identification of sources of support, planning and interventions, to mitigate against complicated grief and adverse grief outcomes.

Discussion

This systematic review aimed to identify and appraise the evidence of the bereavement experiences of LGBT people who have lost a partner and to develop a new explanatory model to improve care for bereaved LGBT individuals. Loss of the primary relationship is a universal experience, regardless of sexual or gender identity. Participants described the previously recognised pain of loss,⁶ processes of loss and restoration orientation,⁴ as well as continuing bonds⁵ with the deceased as they learned to find a new place for the relationship in bereavement. However, participants also described social mediators and concurrent stressors⁶ specific to the LGBT communities. These shaped the bereavement experience and highlighted potential additional considerations for healthcare professionals providing that support.

Disenfranchisement has previously been described⁷ where the relationship with the deceased is either socially

stigmatised or not recognised and accepted. Moreover, the relevance of whether a relationship is openly disclosed, and how this may shape bereavement experiences,38 has also been described. However, evidence from this synthesis, and the model devised, suggests an important interaction between acceptance and disclosure - from a position of complete invisibility to overt acceptance. The position an individual occupies in the model shapes not only the bereaved individuals access to support but also their access to the role of 'widow' and the social capital, norms, expectations and entitlements that role encapsulates. Importantly, it is also recognised that an individual's position within the model is not static and may shift during bereavement due to the additional barriers and stressors and interactions they experience. Critically, an individual's previous negative experiences, or historical factors, such as having lived through a period when homosexuality was illegal, may increase fears and expectations of homophobia and force them to assume a position of exclusion, unless professionals overtly, and adequately, demonstrate acknowledgement and acceptance.

As with any minority population, there is a need for sensitivity and consideration of the political, social and historical context for the LGBT communities when providing care after death. Although the recent raft of legislative changes have resulted in improvements for lesbian, gay, bisexual and trans* people, it is important to be mindful that many older individuals in same-sex relationships will have lived through a time when such a relationship was highly stigmatised or indeed illegal.⁶⁸ Moreover, legislative changes largely occur in advance of changes in attitudes.

The recognition that the needs of the LGBT communities may differ from those of the general population was undoubtedly hastened by the advent of HIV or AIDS and a recognition that an individual's sexuality may shape their particular health needs.15 However, the 'shadow' of HIV or AIDS in the LGBT bereavement literature is disproportionately large. Quantitative research into the bereavement outcomes of people who identify as LGBT and have lost a partner is entirely dominated by studies in the context of the HIV or AIDS pandemic or studies which focus on those who have experienced multiple losses in the context of HIV or AIDS. Indeed, a recent review of studies funded by the National Institute for Health found that after excluding studies focusing on HIV or AIDS and sexual health matters, just 0.1% of studies concerned LGBT health,⁶⁹ despite conservative estimates that LGBT individuals represent 3.4%–7% of the population.^{70,19} Similarly, a review in 2002 found that just 0.1% of articles published in the preceding 20 years addressed the public health needs of LGBT people,⁷¹ suggesting that the needs of LGBT people continue to be under-researched. In 2010, the US Department of Health and Human Services quoted LGBT health equity as one of its 10-year goals for 2020; however,

it is also important to ensure that funding for research within the LGBT communities is more equally distributed, with the vast majority (86%) currently allocated to research into gay and bisexual men's health.⁶⁹

Limitations

It was not possible to include articles not published in English; therefore, studies reporting the experience of LGBT bereavement in other languages may have been omitted. However, through piloting the search terms, and taking guidance from information specialists, we were able to reduce other limitations of the search strategy, increasing the comprehensiveness of this review. The decision to include only peer-reviewed articles may mean we omitted some valuable research which had not yet made it to publication. However, it is important in systematic reviews to focus on findings that have been peer reviewed.

Additionally, although the studies were assessed for quality and reporting, they were not weighted or excluded based on these assessments. However, given the predominance of qualitative research within the review, the divergent study designs and methodologies and the contentious nature of quality assessment in qualitative research,^{72,73} this was considered the most appropriate decision.

The review, and subsequent modelling, was also limited by the paucity of research with the trans* and bisexual communities and poor reporting of sexual identity, both of which need to be addressed in future studies. Finally, the study was also limited by the selection bias of research within hard to reach communities, as it only reports the experiences of those who openly disclose their LGBT identity.

Future research

A notable finding from this review is the scarcity of literature exploring the experiences of bereaved bisexual and trans* people. Sexuality was also often poorly described, with individuals described as 'LGB people' or 'same-sex partners', and the experience of the trans* participants were not described separately in relation to their gender identity. It is essential that reporting of sexual and gender identity in research is congruent with individuals' selfidentity and expression. In addition, researchers need to be cautious when using LGBT as a descriptor for participants, which can be misleading particularly when bisexual and trans* people are underrepresented within the sample.

Challenges remain in accessing communities and recruiting within minority groups. There is a need for more thorough documentation of successful and unsuccessful recruitment processes to inform future study designs. In addition, the majority of included studies were from the United States and urban settings, where experiences would undoubtedly differ from more rural settings. In addition, methods and methodology were often poorly described. A particularly notable absence from the literature is research into psychological and other outcomes for LGBT people who have been bereaved, outside of the context of HIV or AIDS. Given the additional barriers and stressors outlined in this review, and discrimination and negative experiences described by LGBT people in healthcare more generally,^{25–27} there is a need for more focused quantitative research in this area, particularly using patient reported outcome measures of grief and depression, comparing outcomes with the general population.

Conclusion

Loss of a partner is associated with universal experiences, regardless of sexual identity or gender history. However, people who identify as LGBT face additional barriers and stressors when grieving the loss of a partner, may have additional or different care needs from their heterosexual or cisgender peers and may be at risk of heightened or prolonged bereavement. There is a need for careful exploration of the relationship and the bereaved individual's identity, including the degree to which the relationship was disclosed and acknowledged in life. By integrating careful questioning about who is important to an individual into routine practice, avoiding assumptions of heterosexuality, and not being afraid to ask sensitively about identity, clinicians can be enabled to deliver holistic individually centred care. This may include thinking about alternative sources of support from chosen family, or the LGBT community more broadly, and moving away from biologically focused models of understanding 'family'. It is also vital to be mindful of the cultural and historical factors which may make individuals less inclined to share their identity, or proactively seek out the care and support they need, and the increased potential for isolation among the LGBT communities. Finally, fostering an environment of acceptance, recognition and support, working closely with community groups and seeking out training and education where necessary are key to delivering high-quality individualised care to bereaved LGBT people.

Declaration of conflicting interests

The author(s) declared no potential conflicts of interest with respect to the research, authorship and/or publication of this article.

Funding

This work was supported by the Marie Curie Research Grants Scheme, grant [MCCC-RP-14-A17159].

References

- 1. Kubler-Ross E. *On death and dying*. New York: Macmillan, 1969.
- Bowlby J. Loss: sadness and depression, volume 3: attachment and loss. New York: Basic Books, 1980.

- 3. Parkes C and Weiss R. *Recovery from bereavement*. New York: Basic Books, 1983.
- Stroebe M and Schut H. The dual process model of coping with bereavement: rationale and description. *Death Stud* 1999; 23(3): 197–224.
- Klass D, Silverman P and Nickman SE. *Continuing bonds:* new understandings of grief. Washington, DC: Taylor & Francis, 1996.
- Worden J. Grief counseling and grief therapy: a handbook for the mental health practitioner. 4th ed. New York: Springer, 2008.
- Doka KE. Disenfranchised grief: new directions, challenges, and strategies for practice. Champaign, IL: Research Press, 2002.
- Stroebe M, Schut H and Stroebe W. Health outcomes of bereavement. *Lancet* 2007; 370(9603): 1960–1973.
- Moriarty J, Maguire A, O'Reilly D, et al. Bereavement after informal caregiving: assessing mental health burden using linked population data. *Am J Public Health* 2015; 105(8): 1630–1637.
- Prigerson H, Silverman G, Jacobs S, et al. Traumatic grief, disability and the underutilization of health services: a preliminary look. *Prim Psychiatr* 2001; 8: 66–69.
- Thompson L, Breckenridge J, Gallagher D, et al. Effects of bereavement on self-perceptions of physical health in elderly widows and widowers. *J Gerontol* 1984; 39: 309– 314.
- Elwert F and Christakis N. The effect of widowhood on mortality by the causes of death of both spouses. *Am J Public Health* 2008; 98(11): 2092–2098.
- Stephen AI, Macduff C, Petrie DJ, et al. The economic cost of bereavement in Scotland. *Death Stud* 2015; 39(3): 151– 157.
- 14. Dean L, Meyer I, Robinson K, et al. Lesbian, gay, bisexual and transgender health findings and concerns. *J Gay Lesb Med Assoc* 2000; 4(3): 101–150.
- Mayer K, Bradford J, Makadon H, et al. Sexual and gender minority health: what we know and what needs to be done. *Am J Public Health* 2008; 98(6): 989–995.
- Brown J and Tracy J. Lesbians and cancer: an overlooked health disparity. *Cancer Causes Control* 2008; 19(10): 1009–1020.
- Anderson J, Vajdic C and Grulich A. Is screening for anal cancer warranted in homosexual men? *Sex Health* 2004; 1(3): 137–140.
- Clements-Nolle K, Marx R, Guzman R, et al. HIV prevalence, risk behaviors, health care use, and mental health status of transgender persons: implications for public health intervention. *Am J Public Health* 2001; 91(6): 915–921.
- Ward BW, Dahlhamer JM, Galinsky AM, et al. Sexual orientation and health among U.S. adults: national health interview survey, 2013 (National Health Statistics Reports), 2014, http://www.cdc.gov/nchs/data/nhsr/077.pdf
- 20. Gruskin EP, Hart S, Gordon N, et al. Patterns of cigarette smoking and alcohol use among lesbians and bisexual women enrolled in a large health maintenance organization. *Am J Public Health* 2001; 91(6): 976–979.
- Stall RD, Greenwood GL, Acree M, et al. Cigarette smoking among gay and bisexual men. *Am J Public Health* 1999; 89(12): 1875–1878.

- 22. McCabe MP, Davison TE and George K. Sexual orientation, substance use behaviors and substance dependence in the United States. *Addiction* 2009; 104(8): 1333–1345.
- 23. Harding R, Epiphaniou E and Chidgey-Clark J. Needs, experiences and preferences of sexual minorities for end-of-life care and palliative care: a systematic review. *J Palliat Med* 2012; 15(5): 602–611.
- 24. Brookdale Center on Aging. *Assistive housing for elderly gays and lesbians in New York City*. New York: Hunter College and Senior Action in a Gay Environment, 1999.
- 25. Ramchand R and Fox C. Access to optimal care among gay and bisexual men: identifying barriers and promoting culturally competent care. In: Wolitski R, Stall R and Valdiserri R (eds) Unequal opportunity: health disparities affecting gay and bisexual men in the United States. New York: Oxford University Press, 2007.
- 26. Grant J, Mottet L and Tanis J. National transgender discrimination survey report on health and healthcare. Washington, DC: National Center for Transgender Equality and the National Gay and Lesbian Task Force, 2010.
- Sinding C, Barnoff L and Grassau P. Homophobia and heterosexism in cancer care: the experiences of lesbians. *Can J Nurs Res* 2004; 36(4): 170–188.
- 28. Stonewall. *Planning for later life: a guide for lesbian, gay and bisexual people*. Manchester: Stonewall and the Cooperative Funeral Care, 2014.
- Moher D, Liberati A, Tetzlaff J, et al. Preferred reporting items for systematic reviews and meta-analyses: the PRISMA statement. *Ann Intern Med* 2009; 151: 264–269.
- Tong A, Sainsbury P and Craig J. Consolidated criteria for reporting qualitative research (COREQ): a 32 item checklist for interviews and focus groups. *Int J Qual Health Care* 2007; 19(6): 349–357.
- von Elm E, Altman D, Egger M, et al. The Strengthening the Reporting of Observational Studies in Epidemiology (STROBE) statement: guidelines for reporting observational studies. *J Clin Epidemiol* 2008; 61(4): 344–349.
- Hawker S, Payne S, Kerr C, et al. Appraising the evidence: reviewing disparate data systematically. *Qual Health Res* 2002; 12(9): 1284–1299.
- 33. Thomas J and Harden A. Methods for the thematic synthesis of qualitative research in systematic reviews. *BMC Med Res Methodol* 2008; 8: 45.
- Almack K, Seymour J and Bellamy G. Exploring the impact of sexual orientation on experiences and concerns about end of life care and on bereavement for lesbian, gay and bisexual older people. *Sociology* 2010; 44(5): 908–924.
- Bent KN and Magilvy J. When a partner dies: lesbian widows. *Issues Ment Health Nurs* 2006; 27(5): 447–459.
- Cadell S and Marshall S. The (re)construction of self after the death of a partner to HIV/AIDS. *Death Stud* 2007; 31(6): 537–548.
- Fenge L-A. Developing understanding of same-sex partner bereavement for older lesbian and gay people: implications for social work practice. *J Gerontol Soc Work* 2014; 57(2– 4): 288–304.
- Glackin M and Higgins A. The grief experience of same-sex couples within an Irish context: tacit acknowledgement. *Int J Palliat Nurs* 2008; 14(6): 297–302.

- Hash K. Caregiving and post-caregiving experiences of midlife and older gay men and lesbians. J Gerontol Soc Work 2006; 47(3–4): 121–138.
- Higgins A and Glacken M. Sculpting the distress: easing or exacerbating the grief experience of same-sex couples. *Int J Palliat Nurs* 2009; 15(4): 170–176.
- Hornjatkevyc NL. With and without: the bereavement experiences of gay men who have lost a partner to non-AIDSrelated causes. *Death Stud* 2011; 35(9): 801–823.
- Jenkins CL, Edmundson A, Averett P, et al. Older lesbians and bereavement: experiencing the loss of a partner. J Gerontol Soc Work 2014; 57(2–4): 273–287.
- McGaffic CM and Longman AJ. Connecting and disconnecting: bereavement experiences of six gay men. J Assoc Nurses AIDS Care 1993; 4(1): 49–57.
- O'Brien JM, Forrest LM and Austin AE. Death of a partner: perspectives of heterosexual and gay men. *J Health Psychol* 2002; 7(3): 317–328.
- Whipple V. Addressing the needs of lesbian widows. J LGBT Issue Couns 2006; 1(1): 61–73.
- Folkman S, Chesney M, Collette L, et al. Postbereavement depressive mood and its prebereavement predictors in HIV+ and HIV- gay men. *J Pers Soc Psychol* 1996; 70(2): 336–348.
- 47. Kemeny ME, Weiner H, Duran R, et al. Immune system changes after the death of a partner in HIV-positive gay men. *Psychosom Med* 1995; 57(6): 547–554.
- Mayne TJ, Acree M, Chesney MA, et al. HIV sexual risk behavior following bereavement in gay men. *Health Psychol* 1998; 17(5): 403–411.
- Moskowitz JT, Folkman S and Acree M. Do positive psychological states shed light on recovery from bereavement? Findings from a 3-year longitudinal study. *Death Stud* 2003; 27(6): 471–500.
- Moskowitz JT, Folkman S, Collette L, et al. Coping and mood during AIDS-related caregiving and bereavement. *Ann Behav Med* 1996; 18(1): 49–57.
- Park C and Folkman S. Stability and change in psychosocial resources during caregiving and bereavement in partners of men with AIDS. *J Pers* 1997; 65(2): 421–447.
- Richards TA, Acree M and Folkman S. Spiritual aspects of loss among partners of men with AIDS: postbereavement follow-up. *Death Stud* 1999; 23(2): 105–127.
- Richards TA and Folkman S. Spiritual aspects of loss at the time of a partner's death from AIDS. *Death Stud* 1997; 21(6): 527–552.
- Rosengard C and Folkman S. Suicidal ideation, bereavement, HIV serostatus and psychosocial variables in partners of men with AIDS. *AIDS Care* 1997; 9(4): 373–384.
- 55. Satterfield JM, Folkman S and Acree M. Explanatory style predicts depressive symptoms following AIDS-related bereavement. *Cognit Ther Res* 2002; 26(3): 393–403.
- Stein N, Trabasso T, Folkman S, et al. Appraisal and goal processes as predictors of psychological well-being in bereaved caregivers. *J Pers Soc Psychol* 1997; 72(4): 872– 884.
- Radloff L. The CES-D scale: a self report depression scale for research in the general population. *Appl Psychol Meas* 1977; 1: 385–401.

- 58. McNair D, Lorr N and Droppleman L. *Profile of mood states*. San Diego, CA: E.a.I.T. Service, 1971.
- Scheier M and Carver C. Optimism, coping and health: assessment and implications of generalized outcome expectancies. *Health Psychol* 1985; 4: 219–247.
- 60. Folkman S and Lazarus R. *Ways of coping questionnaire*. Palo Alto, CA: C.P. Press, 1988.
- Spanier G. Measuring dyadic adjustment: new scales for assessing the quality of marriage and similar dyads. J Marriage Fam 1976; 38: 15–38.
- 62. O'Brien K, Wortman C, Kessler R, et al. Social relationships of men at risk of AIDS. *Soc Sci Med* 1993; 36: 1161–1167.
- Horovitz M, Adler N and Kegeles S. A scale for measuring the occurrence of positive states of mind: a preliminary report. *Psychosom Med* 1988; 50: 477–483.
- 64. Bradburn N. *The structure of psychological well-being*. Chicago, IL: Aldine Publishing Co., 1969.
- 65. Spitzer R, Williams J, Gibbon M, et al. *Structured clinical interview for DSM-III-R non-patient version for HIV studies (SCID-NP=HIV 4/1/88)*. New York: Biometrics Research Department, New York State Psychiatric Institute, 1988.
- DeLongis A, Folkman S and Lazarus R. Hassles, health and mood: a prospective study with repeated daily assessments. *J Pers Soc Psychol* 1988; 54: 486–495.

- Horovitz M, Wilner N and Alvarez W. Impact of event scale: a measure of subjective stress. *Psychosom Med* 1979; 41: 209–218.
- Pugh S. The Forgotten: A Community Without a Generation

 Older Lesbians and Gay Men. In: Richardson D, Seidman S, (eds.). *Handbook of Lesbian and Gay Studies*. London: Sage, 2002, p. 163.
- Coulter RW, Kenst KS, Bowen DJ, et al. Research funded by the National Institutes of Health on the health of lesbian, gay, bisexual, and transgender populations. *Am J Public Health* 2014; 104(2): 105–112.
- Stonewall. How many lesbian, gay and bisexual people are there? http://www.stonewall.org.uk/at_home/sexual_orientation_faqs/2694.asp (accessed 13 August 2015)
- Boehmer U. Twenty years of public health research: inclusion of lesbian, gay, bisexual, and transgender populations. *Am J Public Health* 2002; 92(7): 1125–1130.
- Mays N and Pope C. Qualitative research in health care: assessing quality in qualitative research. *BMJ* 2000; 320: 50–52.
- 73. Tong A, Flemming K, McInnes E, et al. Enhancing transparency in reporting the synthesis of qualitative research: ENTREQ. *BMC Med Res Methodol* 2012; 12: 181.