



University of Dundee

Remembering the past, enhancing the present and sharing the future

Breckenridge, Jenna P.; Kroll, Thilo; Wylie, Gavin; Salzberg, Ana

Published in:
Ageing and Society

DOI:
[10.1017/S0144686X20000501](https://doi.org/10.1017/S0144686X20000501)

Publication date:
2020

Document Version
Peer reviewed version

[Link to publication in Discovery Research Portal](#)

Citation for published version (APA):

Breckenridge, J. P., Kroll, T., Wylie, G., & Salzberg, A. (2020). Remembering the past, enhancing the present and sharing the future: a qualitative study of the impact of film screenings in care home communities. *Ageing and Society*, 1-26. <https://doi.org/10.1017/S0144686X20000501>

General rights

Copyright and moral rights for the publications made accessible in Discovery Research Portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

- Users may download and print one copy of any publication from Discovery Research Portal for the purpose of private study or research.
- You may not further distribute the material or use it for any profit-making activity or commercial gain.
- You may freely distribute the URL identifying the publication in the public portal.

Take down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

Remembering the past, enhancing the present and sharing the future: a qualitative study of the impact of film screenings in care home communities

Jenna P Breckenridge*

Lecturer, School of Health Sciences, University of Dundee, 11 Airlie Place, Dundee, DD1 4HJ, Scotland.

j.breckenridge@dundee.ac.uk

<https://orcid.org/0000-0002-5170-7626>

Thilo Kroll

Professor of Health Systems Management, School of Nursing, Midwifery and Health Systems, University College Dublin, Health Sciences Centre, Belfield, Dublin 4

thilo.kroll@ucd.ie

<https://orcid.org/0000-0003-2082-5117>

Gavin Wylie

Lecturer, School of Health Sciences, University of Dundee, 11 Airlie Place, Dundee, DD1 4HJ, Scotland.

g.z.wylie@dundee.ac.uk

<https://orcid.org/0000-0003-1265-5939>

Ana Salzberg

Lecturer in Film Studies and Visual Culture, School of Humanities, University of Dundee, Tower Building, Perth Road, Dundee, DD1 4HN

a.salzberg@dundee.ac.uk

<https://orcid.org/0000-0003-4600-1933>

*corresponding author

Remembering the past, enhancing the present and sharing the future: a qualitative study of the impact of film screenings in care home communities

Abstract

Many care home residents lack opportunities for meaningful activity and social connection, resulting in poor physical and emotional well-being. Providing residents with varied activities and social opportunities can improve their quality of life. In this paper, we examine the potential for film to provide a meaningful, social activity. The limited existing research on film in care homes has predominantly examined the use of film clips and materials in stimulating reminiscence for people with dementia. In this paper, we adopt a broader, transdisciplinary perspective of film, drawing on evidence from Film Studies that shared spectatorship has social and emotional benefits for the viewer. We offer the first qualitative study of care home residents' social, emotional and embodied engagement with feature length film and identify the key benefits of film in this setting. We ran social film screenings in two Scottish care homes over six weeks. Underpinned by psychocinematic theory, we collected and analysed observational data alongside interviews with care home staff and discussion groups with residents. Our findings identified three ways in which film screenings benefit residents and supports social connection: prompting reminiscence; enhancing residents' experiences in the present; creating a shared future and intergenerational connections. The paper offers useful insights into the rich potential for film to enhance the care home community, facilitate social connectivity and promote resident well-being.

Key words: care homes; film; psychocinematics; social connectivity; meaningful activity

Background

In the United Kingdom (UK), approximately 416,000 older people reside in care homes, making up 4 per cent of the over-65 population and 16 per cent of those over 85 (LaingBuisson Report, 2013). Most care home residents live with multiple morbidities, including dementia, stroke and Parkinson's disease, which are further compounded by physical frailty and declining functional independence (Gordon *et al.* 2014). On average, the length of stay in a care home is 15 months, with just under 30 per cent of people living longer than three years after admission into care (Forder and Fernandez 2011). Unlike other healthcare institutions, care homes have a two-pronged responsibility that is encapsulated by the duality of the term 'care home' itself. Care homes must not only ensure that residents' complex care needs are looked after but should also provide a homely and comfortable environment in which residents can continue to live full lives and experience optimal subjective wellbeing (Peace and Holland 2001). Care homes are also places of work and emerging models of care provision have been developed to support staff in providing person-centred care that views care home residents as rounded human beings rather than a collection of ailments and pathologies (McCormack 2004). Given this multi-layered complexity, research that explores care home living from a broad social perspective – rather than a medical perspective - is critical to understanding how older people experience care home living.

The extent to which care homes meet their dual responsibility is variable. Even when residents' physical care needs are met, many experience poor social and emotional wellbeing. In the institutionalised care home environment, residents can feel disconnected from their life-long identities as self-determining individuals (Andersson *et al.* 2007).

Anthropological studies of moving into a care home have described the 'social death' that can occur as residents become disconnected from the domestic and social environments that shape their sense of self (Hazan 1994; Hockey 1990). Identity is a social process, where

the 'self' is created and sustained within the context of others (Jenkins 2014); however, there is considerable evidence that care home residents have scarce opportunity for social connection. In a study by the Alzheimer's Society (Sharp 2007), care home residents were observed receiving only two minutes of meaningful social interaction within a six-hour window, with most staff-resident interaction focussed on the direct provision of care – for example, washing and dressing – rather than conversation. Elsewhere, residents have reported difficulties in developing new friendships or maintaining existing ones, as contact with friends and family declines by half after moving into a care home (Port *et al.* 2001). Even when friends and family visit, the rigidity of the care home routine, lack of private space, and friends' and relatives' discomfort in the care home environment can limit the quality of these interactions (Timonen and O'Dwyer 2009). There is convincing evidence that dwindling social interaction, inflexible care home routines and insufficient emotional connections with staff lead to increased depression (Drageset *et al.* 2012), accelerated cognitive decline and decreased quality of life (Bradshaw *et al.* 2012). Up to 42 per cent of the care home population experience loneliness, which is more than double the rates of loneliness reported amongst community dwelling older people (Victor 2012).

Participation in structured group activities has been shown to have a positive impact on residents' physical and emotional wellbeing (Hagan 2014) and increases their feelings of social belonging (Lawrence *et al.* 2012). For instance, dance interventions (Guzman-Garcia 2013), reminiscence (Elias *et al.* 2015), and gardening groups (Hernandez 2007) have been linked with greater social interaction, reduced boredom and improved mood. Although some of this research has shaped policy and guidelines around providing regular activity to mitigate the effects of loneliness and enable care home residents to continue living productive lives, there is resounding evidence that care home residents still spend most of the day unoccupied. A large study of 1144 residents across 144 care homes found that two-thirds of residents experienced less than one hour of meaningful activity per day (Smit *et al.*

2017). Moreover, far from offering opportunities for reciprocal relationships and social productivity, activities are often institutionalised, rigidly scheduled, controlled by staff and geared towards keeping residents superficially 'busy' (Theurer *et al.* 2015; Knight and Mellor 2007). This lack of meaningful participation can have serious implications, with research showing that residents who lack opportunity for engagement in pleasurable activities are more likely to die or report depression after nine months in the care home environment (Mozley 2017). Moreover, for people with cognitive or communication impairment, difficulties interacting verbally and participating in activities independently may further compound their risk of loneliness and isolation (Victor 2012). As such, there is a strong imperative to explore, identify and understand how to optimise opportunities for participation in meaningful activity and to enrich social interaction within the institutional constraints of the care home.

In this paper, we describe a cross-disciplinary qualitative study exploring the potential of film screenings as a meaningful activity for care home residents. A small body of literature to date has examined the use of film-related materials in care homes, including: a book of photographs of classic stars to prompt reminiscence (Brenske *et al.* 2008); a touch-screen computer programme called the Computer Interactive Reminiscence and Conversation Aid (CIRCA) that supports residents and their caregivers to watch and discuss selected film clips (Astell *et al.* 2010); and the development of specifically tailored films for people with dementia (Caserta and Lund 2003; Bjørnskov *et al.* 2018). However, the feasibility and impact of screening entire films for care home audiences has not yet been examined, and the social and emotional impact of shared spectatorship in this setting remains relatively under-explored. Indeed, film and television viewing has been excluded from many studies of activity in care homes because it is deemed too passive (Cowl and Gaugler 2014, Young *et al.* 2015). This is in contrast to Film Studies research which provides an evidence base for the therapeutic benefits of film (Izod and Davolis 2015) and the emotional resonance of cinema (Plantigana 2009) in the general population. Developments in aesthetic science have

led to film scholars tracing the 'psychocinematic' and cognitive elements of film spectatorship, demonstrating that film viewing is not passive but involves active sensory, cognitive, emotional and social engagement (Shimamura 2013).

We thus sought to combine cross-disciplinary perspectives from humanities, health and social science to explore the impact of film screenings in care home settings. As studies of the use of film have to date have relied on survey data collected from care home staff and relatives, or through observation of residents (Castera and Lund 2003; De Medeiros *et al.* 2009; Bjørnskov *et al.* 2018), we wanted to engage with residents directly and elicit their opinions in our understanding of how they respond to and interact with film. Specifically, we explored the following interconnected research questions:

1. how do care home residents experience film spectatorship in the care home environment?
2. how do communal film screenings influence social connectivity in the care home?

Methods

We used multiple qualitative methods to generate data in two case study sites in Scotland, combining: participant observation of film screenings, audience group discussions after each film, and individual interviews with staff. We used Shimamura's (2013) model of psychocinematics as our underpinning theoretical framework. Shimamura's (2013) I-SKE model comprises four concepts: the film maker's intention (I); the film's sensory and attentional features (S); how the film evokes knowledge, narratives and events (K) and elicits emotions and empathy (E). This model provided a conceptual lens for our study of the aesthetic, affective, and cognitive responses of viewers. To explore social interaction during the film, we added a new, fifth dimension to the framework: social connectivity (S). We refer to this adapted model as the I-SKES framework throughout the rest of the paper.

Ethics

This study received ethical approval from the University of Dundee Research Ethics Committee (Reference no. UREC16040).

Recruiting Care Homes

We identified potential care homes on the ENRICH database of research ready care homes (<https://enrich.nihr.ac.uk/>). [Initials] telephoned four care homes within pragmatic travelling distance and with Care Inspectorate ratings of 'good' or above. After speaking with care home managers, [initials] conducted preliminary visits to three of the homes to discuss the study further. Two homes agreed to take part with care home managers providing permission to undertake the project. Both were privately-run care homes in Scotland offering a combination of residential and nursing care, each with an appointed 'activities co-ordinator'. Both homes described having DVD libraries and had already attempted to create a cinematic experience for residents by using blackout curtains, serving refreshments, and watching films on large-screen televisions. The homes were keen to work with researchers to more systematically capture the benefits and challenges of film viewing and to learn lessons about how to use film more effectively as a meaningful activity for residents. The characteristics of both homes are described in table 1.

[Insert table 1]

Recruitment and Participants

We recruited residents, staff and relatives in each of the participating homes, as described next and detailed in table 2:

[Insert table 2]

Residents

Reflective of the broader care home population, many of the residents we recruited were living with dementia and our approach to recruitment and consent was guided by Dewing (2008). The process method of consent (Dewing 2008) is inclusionary and dementia-sensitive, rather than competency based, and can be used alone or in combination with proxy consent. It is defined as: “the approach and methods taken both informally and formally to making consent a real and meaningful activity in research where the person with dementia is enabled to participate in meaningful ways to the level of their capacity and other abilities regardless of legal capacity” (p.60). Taking a social – rather than medical – approach to exploring residents’ experiences of film we did not seek medical information regarding diagnoses and made no clinical assessment of capacity. Instead, we began by consulting activities coordinators in the homes who knew residents well and were best placed to establish a basis for capacity and ability to participate. Activities co-ordinators recruited residents in advance of the screenings by providing all prospective participants with a study information sheet, explaining this to them verbally and seeking their initial written consent.

Using the process method (Dewing 2008), we recognised that residents’ ability to consent may fluctuate at different times and in different contexts. Activities co-ordinators therefore discussed the project with residents at different times in the week before each film screening, providing multiple opportunities for residents to understand the project, ask questions and reflect on whether they wanted to take part. Similarly, when the researchers arrived for the film screenings, we re-capped the purpose of the study, what it would involve and reminded residents that their participation was entirely voluntary. We then sought repeat consent verbally at each screening and before each discussion group. To ensure equity of opportunity, avoid disrupting usual practice and respect residents’ homes, the film screenings themselves were open to all residents, regardless of whether they were participants in the study. However, the data collected and reported relates only to those

residents who consented to take part in the research. Participants were informed that they were free to leave the screenings at any time and the presence of staff who knew residents well meant they could monitor and respond to any signs that residents needed, or wanted, to withdraw from the study (Dewing 2008). Residents were also given the opportunity to opt in or out of the audience discussion groups both before and during the discussion. In total, 26 residents took part in the film screenings, with the majority also opting to stay for the group discussion after the film (see table 2 for detailed breakdown).

Relatives

Relatives were conveniently sampled. Some residents had regular visitors at the time that the film screenings were scheduled in care home B and, rather than disrupt visiting, we invited relatives to stay. The researchers explained the purpose of the study to the relatives, provided them with an information sheet and asked them to sign a consent form to indicate their willingness to take part. A total of 6 relatives joined the film screenings and discussions over 3 weeks in care home B, with 4 relatives taking part in both weeks 1 and 3. The opportunity to invite residents did not arise in care home A.

Staff

Prior to the study, care home managers shared the study information with activities coordinators, who then invited all other care staff to join the film screenings and provided them with participant information sheets at least one week in advance. Staff did not have to commit to taking part in interviews, audience discussions, or attending the full film screenings but were invited to come along if they wished and had time. This gave staff the opportunity to take part without imposing on their busy schedules. During the film screenings, [initials] approached staff who came into the room to take part in interviews. [Initials] took staff members aside, reiterated the study information and gained written informed consent from staff willing to be interviewed. A total of 9 staff (2 activities coordinators and 7 care assistants) took part in the film screenings, with 4 taking part in

individual interviews (as broken down in table 2). The activities co-ordinator in care home A took part in three interviews (one per week) to track her perspectives over time. Although this was the intention in care home B, this was not possible due to other competing demands on staff time.

Data Collection

We ran three film screenings in each home, once a week for three weeks, to explore how residents responded to different films and generate sufficient data about the communal screening experience. At the start of each screening, we offered residents a choice of three films from different genres and featuring different stars. Based on prior consultation with care home managers and activities co-ordinators, these were around 80-90 minutes long. This sparked a group discussion amongst residents to agree upon a film, which was then screened in its duration. All film screenings took place in the care home day room, with comfortable seats, dimmed lighting and refreshments. At the end of each week, we asked residents to make suggestions for the types of films they would like us to bring to the following session.

Observations

[Initials] and [Initials] acted as participant observers and each took detailed fieldnotes during the film screenings. We created a two-sided A4 page observation schedule using the headings from the ISKE-S framework with blank space for freehand fieldnotes underneath. The ISKE-S headings, with prompts, are shown in table 3. [Initials] was present as an observer for the entire duration of the film, whereas [initials] left the film screenings for short periods in order to conduct individual interviews with staff (described later). Directly after each visit, we compared field notes. Rather than focussing on inter-rater reliability (whether we had interpreted our observations in the same way), our primary focus was on comparing our different disciplinary perspectives and coming to a transdisciplinary account of audience

behaviour. [Initials] is a film studies scholar and [Initials] is an occupational therapist and social science researcher; bringing different and complementary interpretations to the data.

[Insert table 3]

Audience Discussion Groups

Audience discussion groups lasted between 10 and 30 minutes and were facilitated by [initials] and [initials] immediately following each film screening. The discussions were loosely structured using the ISKE-S framework (shown in table 4). We allowed the audience to shape the discussion whilst also directly asking audience members about some of the behaviours we had observed during the screening. Discussions were audio-recorded and transcribed verbatim.

[Insert table 4]

Staff Individual Interviews

Interviews with staff explored their perspectives on the potential benefits and challenges of using film. Interviews lasted between 10 and 25 minutes and were semi-structured using the ISKE-S model (table 5). All staff interviews were conducted by the same researcher [initials] in a private area of the care home. To fit with hectic caring schedules and ensure sufficient staff presence on the floor, [initials] conducted the staff interviews whilst the film was being screened and [initials] continued with observation.

[Insert table 5]

Data Analysis

We analysed observational, discussion group and interview data using thematic framework analysis (Ritchie *et al.* 2013). We generated a table in a Word document to create a

'framework' consisting of rows (representing participants and data sources) and columns (representing each component of the ISKE-S model). We also created an 'other' column to permit inductive coding of data that did not readily fit within the ISKE-S model. This helped to ensure that the theoretical framework was supportive but did not force the data into this perspective. Two researchers [initials] coded the data independently by pasting data directly from the transcripts under relevant headings in the framework. Observational, interview and discussion group data were all pasted into the same framework. The two researchers then met to compare and contrast their initial coding and generate key themes. We discussed each column in turn, identifying similarities and differences in our interpretations of the data. We inductively organised the data under each of the ISKE-S columns, making comparisons across the different data sources (observation, staff interviews, audience discussion groups). In so doing, we identified three higher order themes that cut across the data, each of which was underpinned by data from each element of the ISKE-S model. The framework method was a useful approach because it facilitated systematic comparison across individual participants, the different care homes and the different data sources (i.e. comparing observational data with interview and discussion group data).

Findings

We identified three ways in which communal film viewing benefited residents and supported social connection within the care home community: supporting reminiscence; encouraging active contributions and communications in the present; and promoting a sense of shared future and connection between generations. The three concepts cross-cut the entire dataset and were equally evident in the data from both homes. These three concepts are now described in turn, illustrated by quotations from residents and staff. Quotations are labelled according to: data source (Audience Discussion Groups are denoted as ADG and Staff Interviews denoted by 'SI'); setting (Care Homes A and B are denoted as CHA or CHB); timing (weeks are denoted as Wk1, Wk2, Wk3).

Remembering the past

In our discussions with residents, both in choosing the film each week and offering a choice of film genres for the following week, they assured us – unilaterally – that what they craved were the films “from when we were young.” Although we had initially intended to offer a different genre or era of film each week, listening to residents’ preferences and requests resulted in a final screening list of exclusively ‘classic films’: *You Were Never Lovelier* (1942), *Send Me No Flowers* (1964), *Down Argentine Way* (1940), and *Gentlemen Prefer Blondes* (1953). In making the final decision about which film to watch, residents were primarily driven by a desire to watch their favourite stars. As opposed to preferences for style, plot or genre, this was consistently the over-riding factor influencing residents’ film choice:

Researcher: Are there any films you would like to request?

Resident: Elvis Presley!

Other residents talking over one another: Oh no!... Oh Yes!

(ADG, CHB, Wk 1)

Famous names like Elvis Presley, Marilyn Monroe, Rita Hayworth and Carmen Miranda united and divided residents, resulting in a dynamic discussion each week about which film to select. The discussions always culminated in a consensus, in the knowledge that there would be an opportunity to watch another star the following week. One staff member supposed that there was something comfortable about familiar faces and their power to evoke memories of a bygone era:

when they heard it was Doris Day, it makes them feel safe like it's a comfortable time in their life where they can memorise [reminisce]

(SI – Activities Co-ordinator, CHA, Wk 2)

Moreover, and particularly for those residents with dementia, watching older films with recognisable stars created less pressure to recall recent memories:

Resident: It is things that recall, that brings back memories from back then as opposed to up to date memories, yes.

(ADG, CHA, Wk 1)

As one of the staff members noted, watching older films with which residents were familiar also served a functional purpose in helping them to attend to the film and follow the story:

Unless they're familiar [with the film] ... they can't concentrate to follow the story... you know like Fred Astaire and Rita Hayworth, they relate that back, they used to watch these movies, so the stories are there, and I would imagine these are movies that they've already seen before, so it's easier for them to follow because their concentration's not very good... Something new to them, I personally think it's difficult for them to concentrate on. I think they wouldn't really follow the story.

(SI – Care Assistant, CHA, Wk 1)

In our interviews with care home staff, we ascertained that reminiscence was a popular activity in both care homes and was considered unanimously by all staff as the primary reason to watch films. Our observations corroborate staff's perceptions, and collective film viewing was undoubtedly a route into reminiscence. In the group discussion after each film screening, residents shared lots of positive memories sparked either by the film itself, or its content, styling and themes. Residents recounted, for example, memories about dating, dancing, going to the cinema and getting married, and enjoyed the opportunity to revisit personal landmarks from the past.

As one of the residents pointed out, film created the opportunity for embodied reminiscence that not only sparked verbal discussion of past events but a virtual re-enactment of scenes

from residents' own lives. Residents were able to (re)live moments from the past vicariously through the characters on screen:

Resident: When you see some films like that, do you make any comparison to your own life?

Researcher: That's a good question.

Resident: Have you had a good a time as you see some of these people having or sad days just the same as them? [pause] Life's a mix-up, isn't it? You have your good and not so good times, and your fabulous times.

Resident: It's lovely

(ADG, CHA, Wk 2)

For residents whose cognitive or communication impairments made it difficult for them to engage conversationally in reminiscence, film encouraged them to express memories of their past selves non-verbally. During the dance numbers in *You Were Never Lovelier* and *Down Argentine Way*, one resident mimicked elegantly the artistic placement of the dancers' hands on screen. Her innate musicality and dance ability were evident, telling us something of her personality and enabling us to glimpse a vision of a different time in her life. Her engagement was not only indicative of familiarity with the film itself (its genre, stars, songs) but in its likeness to her own lived experience (the movement, the clothes, the dancehall, the courtship). In her non-verbal interactions, she was expressing knowledge of the place, time and wider social context of the film setting, and was able to communicate this in a way that may not otherwise have been enabled by talk-based reminiscence.

As the earlier quotation demonstrates, the act of reminiscence was not simply about relaying memories but recasting them in a reflective light. It is interesting to note that staff, in their interviews, focussed only on the joys of reminiscing and none talked about the emotional, reflective aspect of summing up a long life. Indeed, in our observations and group

discussions, it was evident that the act of remembering the past was not always comforting for the residents. As one resident's reaction to *You Were Never Lovelier* demonstrates, even happy memories could be emotionally difficult, particularly in the juxtaposition between a by-gone era and the stark reality of the present day:

Resident: When I saw it first, I was a very young child and my grandpa and my aunt took me to the pictures down from the house, and I watched this and I thought this was the most wonderful thing I could see... [When we watched the film today] I just had my grandpa and my aunt beside me [gestures to the space beside her on the settee] ...so that was [pause]. It's all these kind of things that suddenly brings it back, and everybody is dead [crying].

(ADG, CHA, Wk 1)

Film itself is a visual record of the past; places, objects and even people who have long since died are resurrected in physical form each time a film is screened (Bazin 1967; Kracauer 1997; Mulvey 2006). In this way, film stars become immortal and frozen in time. In this resident's film viewing experience, however, it is the figures within her memories that take on a corporeal presence as she describes the physical sensation of invisible bodies beside her, where they once were. Remembering the past through film appears, therefore, to be far more complex than staff's perceptions. Reminiscence is a physical, as well as a verbal, activity with the potential to recall, re-cast and create new emotions with each screening.

Enhancing the present

As an embodied phenomenon (Sobchack 2004), we observed how film could heighten residents' experience of the present through active, sensory engagement. In response to music and dance numbers, residents clapped their hands, swayed to the music, tapped their feet, sang along, and some even got up to dance:

Resident: It takes all your willpower to stay in the armchair and not jump up!

(ADG, CHA, Wk 3)

It was not only musical numbers that generated a physical response, but also broad physical comedy. This was particularly evident in the scene in *Send Me No Flowers* where Doris Day loses control of a golf cart. The audience (care home staff and researchers included) leaned back-and-forth and side-to-side involuntarily as if slaloming downhill with Doris Day and living out the onscreen action in the care home day-room. Rather than inciting memories of the past, in this moment we were all collectively caught up in the immediacy and the thrill of the present. These autonomic responses to visual stimuli on the screen were free from premeditation or agenda, but enabled residents – and us – to ‘be’ and to derive spontaneous pleasure from the moment. Moreover, physical responses - laughter, gestures, facial expressions and body positions - communicated residents’ engagement in the films non-verbally, offering a window into their present selves (revealing something of their current preferences and sense of humour), not just the past stories of their lives.

As already noted, it is interesting that interviews with staff focused primarily on reminiscence. Except for one activities coordinator, staff typically overlooked or did not identify film’s potential for enhancing the present, particularly when they perceived residents’ up-to-date memories and attention spans to be prohibitively fleeting. As a result, staff described how they would turn off films part way through or opt for shorter media forms. They appeared to have a variable definition of ‘film’, using it to signify any sequence of moving imagery (for example, YouTube clips of animals and musical concerts, or episodes from television sitcoms) rather than a feature-length narrative production.

What we usually do is half an hour then we’ll stop and do something else. And then the ones that want to watch the end of the film will stay and the ones that say no they don’t want to watch it then they’ll go.

(SI – Activities Co-ordinator, CHB, Wk 1)

Although typically reluctant to show full-length feature films, one film seemed to break the mould. Commenting on *Down Argentine Way*, a staff member noted:

I really feel it's the best, there's more interaction with the ladies, they're really enjoying it, even the ladies who usually kind of nap off, are actually watching. So I think it's obvious, something is clicking and saying that I remember this and Carmen Miranda, even one of our more difficult clients was actually enjoying it. She was sitting there watching it and enjoying it... I will be very truthful; the last two films were, I felt like oh gosh this is not working, but I am totally on fence today, I can really see that there's just the right film for the right time. It's again, just being lucky and getting everybody at the right time, in the right place and the right film

(SI- Activities Co-ordinator, CHA, Wk 3)

Down Argentine Way, a golden age musical starring Betty Grable follows the archetypal structure of the genre. With a music or dance number interspersed at ten to fifteen-minute intervals to break up the dialogue, its structure appeared to be perfectly suited to wavering attention spans. Whenever dialogue-driven scenes went on for a bit long, and viewers' attention waned, the next musical number recaptured interest – allowing for a renewal of focus that would cycle through to the next musical number.

That the structure was effective in making this classic musical “the right film” was reflected by another staff member at the end of the three weeks:

Staff: I think the length of a movie is sometimes, whatever movie it is would be too long. However, they can, I think go in and out of concentration with the movie, so maybe midway through the movie they kind of lose it. But then they pick it up again when music comes on. Or when the humour comes back in. I don't actually think they

concentrate throughout the whole movie. I think they go in and out of concentration. Depending on the movie you'll find either they'll stay, or they'll just get up and go.

(SI – Care Assistant, CHA, Wk 2)

This also suggests that apparent lapses in concentration (such as falling asleep, leaving the room or 'off-topic' chatting) cannot simply be assumed to be a sign of passive disengagement, disinterest or a by-product of the film's length, but as an active assertion of agency. Different forms of spectatorship may be a way for residents to exercise preferences; not those rooted in their past identities and the films they used to like but based on their present-day mood, feelings and opinions. All three quotations from different residents below demonstrate how residents negotiated their spectatorship, choosing how they might engage, or disengage, with the movie depending on their preferences:

Resident: If I was hauled in to see something that you had to watch because [you were made to] you know your head would be that way and your eyes would be the other way.

Resident: I didn't know what I was going to watch at all, knew nothing about it and then settled down and when it started, ah I like this one

Resident: I thought well I am tired, if I am not enjoying it I can just sit and go to sleep... as we did in the pictures

(ADG, CHA, Wk 1)

In addition to physical 'in the moment' experiences, and the potential to use the body to enact agentic choice (choosing to look away, or to fall asleep), the embodied nature of film viewing also stimulated self-awareness in the present:

This week they seemed to be talking about things through the film. One of the ladies was speaking about Doris Day's hair and saying it was like hers, things like that.

(SI – Care Assistant, CHA, Wk 2)

This quotation shows how residents' response to the star is not simply about remembering the past, but that film also stimulates conversations about their present selves. The film awakened residents' sense and awareness of their bodies. After watching *You Were Never Lovelier*, a staff member introduced us to one of the residents in the discussion group as a "good singer", to which the resident tearfully replied, "I used to be before I lost [my voice]". Intending the comment as a compliment, by likening the resident to Rita Hayworth's character, the staff member had inadvertently positioned the film as a reflection of the resident's past self in a way that highlighted the painful decline of age. When it was later revealed in the discussion group, however, that Rita Hayworth's singing voice was always dubbed, the resident's note of surprise and her markedly changed body language hinted at a sense of pride, as if recasting her self-assessment in the realisation that she had once been a better singer than the film star. In this way, the interface between past and present contributed to a reshaping of present identity and the collective recognition of the resident's musical accomplishments re-established her identity as the "musical person" within the care home community.

Sharing the future

The shared experience of watching the films appeared to last beyond the film screening itself, and staff reported that some of the residents had talked spontaneously about the film screenings after the event.

Staff: they'll come out with 'oh remember we did that yesterday.'

(SI – Activities Co-ordinator, CHA, Wk 2)

Staff described residents recalling particular highlights on and off-screen, whether it was a conversation about Carmen Miranda or Fred Astaire, or recalling stand-out reactions "like [resident's name] getting up to dance, that will have been spoken about". As another staff member pointed out, one of the benefits of watching familiar films from the past, was that it

enabled those residents with dementia to join in with these conversations without the pressure of having to recall short term memories:

if you then talk about it tomorrow, they won't remember what it was today, yesterday, but you could still recall the film.

(SI – Care Assistant, CHB, Wk 1)

The weekly pattern of the film screenings evoked an awareness of the future, and staff described residents looking forward in anticipation of our visits, saying “I wonder what film we'll have today”. The care home staff made each visit a special occasion, attempting to create an authentic cinema-going experience:

This is meant to be the movies and what do you do when you go to the movies? You have popcorn and hot dogs... So I asked them would they like popcorn and hotdogs and they were all 'Yeah, yeah'...It was to make them more of outside at the movies...

(SI – Activities Co-ordinator, CHB, Wk 1)

This not only enhanced the present experience of the film screening but built anticipation and excitement: it created an opportunity to look forward. One staff member suggested that the opportunity for choice was especially important and, in an institutional environment where their remaining choices are limited, the residents looked forward to having that opportunity again:

The ladies have been looking forward to what film they were watching. It's nice to give them that opportunity to make them feel that they are getting the choice.

(SI – Activities Co-ordinator, CHA, Wk 3)

Although we initially planned the discussion groups after each screening as a way to collect data, it was undeniably part of the activity itself. The opportunity to chat with the researchers was eagerly embraced by many of the residents. Residents were surprised to hear of the researchers' (both women in our thirties) appreciation of classic films. In response to a

question about residents' favourite film stars, one woman in care home B gave her answer with a dismissive caveat, "Clark Gable, but you'll never have heard of Clark Gable!" This raises a potentially important observation that residents may hold back from discussing the things that are of interest to them because they do not believe the younger person listening will have the desire, interest or knowledge to respond.

Frequently within the dynamic of the group discussions, roles reversed, and interviewees probed and explored aspects of the researchers' lives. Reminiscence was not simply a route to the past but fostered intrigue about contemporary social norms and etiquettes. The themes within the films, as well as the talents and physical characteristics of the actors, prompted residents to reflect on wider cross-generational issues. They sought to compare and contrast their own life experiences - from dance styles and fashions, to dating, marriage and the decision to have children - with those of the researchers. This created opportunities for residents to impart knowledge:

Researcher: I'm not a good dancer...

Resident: I can teach you a lesson!

(ADG, CHA, Wk 3)

More often than not, the intergenerational dialogue served to highlight shared, rather than different, experiences and concerns. In addition to learning about researchers' lives, and reflecting on their own, residents sought to guide and support the researchers as younger women. Their reflective memory extended beyond simply summing up their own lives, but helping to develop and mentor others:

Resident: You also obviously get a great feeling when you're all dressed up to go somewhere... Any photographs of you all dressed up?

Researcher: No... I've got lots of nice dresses in the cupboard... and I must've tried on about ten, and only one fitted me.

Resident: Oh my goodness.

Researcher: So yes, at the moment I don't enjoy dressing up

Resident: You will be back to where you were.

Resident: We've all put on weight and lost weight. I've never gone back to what I was anyway.

(ADG, CHA, Wk 2)

In this exchange, the shared bond around issues with body image not only provided an opportunity for residents to relate to one another, but to combine their collective wisdom for the benefit of others. Their conversation sets the researcher's concern in a life-course context and provided reassurance by highlighting its universal commonality. Older people, particularly those with dementia, are frequently underestimated in their role as teachers and mentors, and yet these exchanges show that care home residents are keen, willing and able to contribute positively to reciprocal intergenerational learning and support. Although these inter-generational exchanges could have conceivably arisen in other contexts, we specifically highlight the universal nature of broad cinematic themes to stimulate shared conversations across generations.

Discussion

Our findings demonstrate that film screenings for care home residents serve a threefold purpose: remembering the past, enhancing the present and sharing the future. In the small body of literature on the use of film and television with care home residents, ours is the first to explore film viewing from a complex psychocinematic perspective. Existing studies have taken a reductionist perspective, focussing exclusively on residents' cognitive ability to comprehend film material and using quantitative measures of behaviours (such as dozing or yelling) to measure residents' attention to the screen (Castera and Lund 2003; De Medeiros *et al.* 2009). For existing research – and certainly, for the care home staff taking part in our study – residents' sustained attention to the film is highly desirable, hence the preferred use

of short film clips (Caserta and Lund 2003; Bjørnskov *et al.* 2018). In the ISKE-S model, however, sustained attention to the detail of a film is not a pre-requisite for enjoyment, which is equally derived from sensory and emotional engagement with the on-screen action (Shimamura 2013). Our findings are a powerful illustration of this, whereby residents reacted physically and emotionally to moments on screen even when the dialogue was beyond their comprehension. Moreover, our findings show that the behaviours traditionally associated with diminished attention span (e.g. sleeping, chatting or leaving the room) need not necessarily be problematised as an undesirable cognitive failure. As the first study to explore residents' experiences and opinions qualitatively, we have shown that these behaviours may be active choices that permit personal agency in an otherwise systems-driven institutional environment. This is affirmed by Downs (2013) who has cautioned against pathologising the behaviours through which people with dementia communicate their selfhood.

Our findings also challenge prevailing misconceptions within the care home literature that film is a passive activity (Cowl and Gaugler 2014; Young *et al.* 2015). Instead, from a psychocinematic perspective (Shimamura 2013), we have demonstrated that spectatorship is an active endeavour. Music and movement on screen prompted residents to sway, clap their hands and tap their feet; realising many of the same benefits documented in the growing evidence base for the use of music interventions in care homes (Costa *et al.* 2018). Moreover, in addition to prompting actual physical activity, film also sparked conversations around movement, activity and body image. Seeing different physical forms on screen – the actors' body shapes, hairstyles, and athleticism, whether in slapstick comedy or elegant dance - prompted residents to talk about their own bodies, both past and present. Thus, our findings suggest that, far from being passive, film enables care home residents to connect with their physical bodies. Misconceiving film as a passive activity risks neglecting the embodied nature of spectatorship (Sobchack 2004) and therefore missing opportunities to use film as a conduit for important physical activity promotion amongst care home residents.

Indeed, physical activity promotion is a key policy and practice concern for the care home population (Macintosh and Laventure 2014; Hawkins *et al.* 2017). Our findings show that film could provide a useful vehicle for encouraging physical activity in care home residents and creating a window for providing health and well-being advice around movement and nutrition for example.

Existing studies of film-based activities with care home residents have focussed predominantly on their potential to support reminiscence (Brenske *et al.* 2008; Astell *et al.* 2010; Caserta & Lund, 2003; Bjørnskov *et al.* 2018). According to Bjørnskov *et al.* (2018), caregivers found film to be a participatory, feasible, affordable and easy to use reminiscence activity. Film was perceived to be less time-consuming than object-based reminiscence, enabling all residents to engage with objects 'in use' at the same time; all residents can perceive the objects being used on-screen, rather than waiting for physical objects to be passed around individually. Both Bjørnskov *et al.* (2018) and Astell *et al.* (2008) concluded that film-based reminiscence activities placed less burden placed on staff to generate and facilitate conversation topics. The presence of dementia-friendly cinema screenings (e.g. <https://www.alzheimers.org.uk/get-involved/dementia-friendly-communities/organisations/dementia-friendly-screenings-cinemas>) demonstrates that interest in the benefits of film for older people and people with dementia is growing. However, our conversations with care home managers and staff suggest that travelling to cinemas can be prohibitively expensive and is only suitable for the ablest and least frail care home residents. As such, even with dementia-friendly provisions in place, the opportunity to experience meaningful film viewing may only be available to a very small proportion of residents from the most affluent of care homes. Creating a cinematic experience within the care home itself – as demonstrated in our study - therefore potentially offers a more inclusive, feasible and affordable option for enabling all residents to benefit from film.

Reminiscence is often the primary focus of organised care home activities; however, it is important to recognise that there is still limited evidence about its effectiveness (Woods *et al.* 2018). Moreover, the unintended negative consequences of reminiscence have been little explored (Woods *et al.* 2018). As our findings attest, remembering the past can be useful and reflective for older people, but it can also be distressing. According to Grøndahl *et al.* (2017), caregivers can find it challenging to respond to older peoples' painful memories, particularly when these arise unintentionally. As our findings show, even films with happy themes can elicit negative emotions. Because film stimulates memories not only through its content but by reawakening memories of past cinema going and key milestones in residents' lives, it can be hard to predict whether negative memories will surface. We agree with Bjørnskov *et al.* (2018) that good knowledge of an older person's life story could inform film choice, but it is no guarantee for how residents will respond to a film in the present. The key, however, is perhaps not in avoiding painful pasts but in ensuring that caregivers are adequately prepared to support residents emotionally should the need arise. Moreover, conversations and emotional reactions sparked by film can continue after the film has ended and care home staff may find themselves talking with residents about the film, or issues it has raised, throughout the night, during personal care provision or at any other time outside of the temporal and physical boundaries of activities programmes. As such, engagement with film and its impact on residents is not simply the domain of social activities coordinators, but all care home staff.

Selecting films solely for their potential to evoke the past risks missing out on the other benefits we have identified in this paper. At a base level, one of the important aesthetic benefits of film is its capacity for instant, immersive escapism. From a psychocinematic perspective (Shimamura 2013), by permitting residents to live vicariously in the on-screen action, film can suspend painful memories or transport residents far away from their present realities of physical decline and institutional care home routines. Our study adds to and

challenges the privileging of reminiscence in the existing literature by providing a more complex, socio-temporal exploration of film. We have shown that film operates at multiple temporal levels, simultaneously evoking residents' past, present and future selves. This epitomises the Heideggerian concept of 'Dasein', in which exploring the past, understanding how it has shaped the present and reflecting on a finite future are an important part in creating and sustaining selfhood (Dreyfus 1991). As other qualitative studies suggest, care home residents' self-esteem comes not only from their past lives but from their ability to still be useful to others in the present (Dröes *et al.* 2006). Our findings demonstrate that residents frequently reflected on the past with the aim of reconceptualising the future; even if it was not their own. Older peoples' sense of selfhood is often eroded when their identity is recast as 'care home resident', where they are no longer positioned as active contributors to family and society (Jenkins 2014). In our study, the inter-generational dialogue after each film screening enabled residents to gain satisfaction from imparting wisdom to younger generations.

For the threefold benefits of film screenings to be fully realised – remembering the past, enhancing the present and sharing the future - it is important that frontline care staff understand the concealed complexity of film and its as-yet-unrealised potential as a meaningful activity. We observed, in the care home B particularly, that staff tended to view the film screenings as an intervention for residents, not as a mutual community activity; staff busied about and, other than occasionally checking if residents were okay, did not really invest in the film. Given residents' demanding care needs and the tightly structured institutional routine, it is perhaps understandable that staff are predominantly task focussed. Moreover, staff's perception that film is too 'passive' may have deterred them from sitting down to watch for fear of being considered lazy or not doing their jobs. However, on the occasions where staff sat with residents to share the film experience (more common in care home A), this was more effective in stimulating conversation and social connection between

staff and residents that may not have otherwise happened. Staff participation in the film screenings and discussions was crucial in achieving the core components of a “flourishing” care home environment as defined Dewing and McCormack (2017): positive emotion, engagement, relationships, meaning and accomplishment. Therefore, to use film most effectively in supporting care home residents to express their selfhood and to connect socially within the care home environment, it must be used proactively and in a way that permits residents to reflect, to escape, and to contribute to the social world around them.

Unlike the limited focus of the existing body of research on the use of film with older people, our study has taken a holistic, psychocinematic approach to understand how care home residents engage with film. Further research in this vein is required if we are to ultimately develop a recommended approach to the most effective use of films with this population. It is important to develop an understanding of what constitutes the ‘right film’ at the ‘right time’.

The seemingly serendipitous nature of selecting the right film demonstrated within our findings suggests that it is insufficient to base film choice solely on the length and style of the film or on the broad diagnostic cognitive and attentional ability of care home residents.

Similarly, care home staff told us in their interviews that they felt men were less interested in films generally and would only want to watch action or war movies; it is not possible to say whether the relatively low number of men taking part in our study was because they did not want to take part, or a consequence of staff’s recruitment practices. Further investigation is therefore merited into the variable social, affective and life-history factors which shape how individual residents approach a film on a given day. Like Bjørnskov *et al.* (2018), we found that care home staff often believed that certain films would, or would not, engage residents only to find the opposite to be true. For this reason, Bjørnskov *et al.* (2018) have highlighted the importance of sometimes trying something new or unexpected. Further research is therefore needed to explore and identify the principles and processes behind selecting the ‘right film’, in recognition that this choice should go beyond consideration of cognition and

attention, but taking into account the individual, cultural and social factors within each person's past, person and future. Film undoubtedly has the potential to create physical, social and temporal opportunities for residents to express agentic selfhood and to participate more fully in their care home communities, but only if we commit to moving beyond the general hypercognitive bias in the field that dismisses relationships and emotions as secondary to memory and cognitive function.

Limitations

Both participating homes were privately funded with good Care Inspectorate quality ratings, limiting the extent to which the findings from our study transfer into other settings. Thus, further research is needed to explore the benefits and challenges of film screenings in a more diverse range of care homes and care home populations. Shimamura's model of psychocinematics provided a framework balanced between film studies and health and social science, bringing together issues of aesthetics and cognition in its consideration of the audience's engagement with a given film. Addressing every element in the framework, including our own Social component, may have limited more in-depth exploration of specific, promising areas. For example, sustained analysis of the residents' Sensory experience may have yielded more data about how the film screenings offered physical benefits comparable to other activities such as dance or gardening. Future research could situate Shimamura's model alongside related theories of spectatorship, such as embodied visuality (Sobchack 2004), allowing for more versatility in the areas of focus.

There are some further methodological limitations in our study. Ideally, it would have been more rigorous to have two observers present for the entire film screening; but we made the pragmatic decision to conduct staff interviews during this time in order to be least disruptive to the care home schedule. We also experienced some contextual challenges in collecting

data in care home B (fewer staff available and competing with other scheduled activities) therefore our findings may predominantly reflect the experience of care home A. Moreover, our data generation strategy in both homes meant that only initial reactions to the film were captured, that is, whilst watching and in the discussions that followed immediately afterwards. To more effectively capture the impact of film viewing on the care home community, an unstructured ethnographic approach with researchers embedded in the care home environment over long periods could have yielded important insights into the long term or delayed impacts of the film viewing experience on both residents and staff. Such embedded ethnographic work is particularly effective in care home settings (Hockey, 1990). Moreover, our presence in the home and the facilitation of the discussion groups could be considered a part of the 'intervention' itself, meaning that residents may have gleaned much of the social connectivity benefits from the discussion, rather than directly from the film itself. This is not necessarily a limitation but is an important point to note in future development of this work to understand if and how film screenings could/should be supported and facilitated in future to maximise benefits. Finally, care home residents' experiences of ageing and their perceptions of time and meaning may be qualitatively different from the position of the – much younger - authors. While we have endeavoured to approach this paper with reflexivity and an ethnographic stance that values observation and interaction as a means of insight into social worlds, we must also acknowledge that this paper is situated within our own ways of being in and viewing the world and must be interpreted as such.

Conclusion

Care home residents experience a loss of autonomy compounded by loneliness and social isolation, leading to a loss of sense of self and connection with others. This study is the first to explore the opportunities and challenges of facilitating collective film screenings in care homes from a holistic psychocinematic perspective and offers useful insights into the rich potential for film to enhance the care home community, facilitate social connectivity and

promote resident well-being. Our findings demonstrate that film viewing is far from passive and that, by dismissing it as such, care homes are missing out on its therapeutic, community-building potential. Our paper highlights how watching films in care homes does not simply enable residents to reminisce but can enhance residents' present and enable them to look towards the future. To maximise the full potential of film to enhance care home residents' sense of self and social connection, it is important to capitalise on these three benefits. Future research is needed to develop an evidence base for film as a practical resource in care homes to promote social connectivity, selfhood and social wellbeing. This research should adopt a psychocinematic perspective, in which cognitive ability and attention are only one part of a complex socio-temporal understanding of spectatorship.

References

- Andersson I, Pettersson E and Sidenvall B (2007) Daily life after moving into a care home—experiences from older people, relatives and contact persons. *Journal of Clinical Nursing*, **16**, 1712-1718.
- Astell AJ, Ellis MP, Bernardi L, Alm N, Dye R, Gowans G and Campbell J (2010) Using a touch screen computer to support relationships between people with dementia and caregivers. *Interacting with Computers*, **22**, 267-275.
- Bazin A and Gray H (1960) The ontology of the photographic image. *Film Quarterly*, **13**, 4-9.
- Bjørnskov S, Møller Jensen A and Gregersen R (2018) Usability of films designed for people with dementia in a nursing home setting. *Dementia*, 1471301218794791.
- Bradshaw SA, Playford ED and Riazi A (2012) Living well in care homes: a systematic review of qualitative studies. *Age and ageing*, **41**, 429-440.
- Brenske S, Rudrud EH, Schulze KA and Rapp JT (2008) Increasing activity attendance and engagement in individuals with dementia using descriptive prompts. *Journal of Applied Behavior Analysis*, **41**, 273-277.
- Caserta MS and Lund DA (2003) Video Respite® in an Alzheimer's Care Center: Group versus Solitary Viewing. *Activities, Adaptation & Aging*, **27**, 13-28.
- Cowl AL and Gaugler JE (2014) Efficacy of creative arts therapy in treatment of Alzheimer's disease and dementia: A systematic literature review. *Activities, Adaptation & Aging*, **38**, 281-330.
- Costa F, Ockelford A, Hargreaves DJ (2018) Does regular listening to preferred music have a beneficial effect on symptoms of depression and anxiety amongst older people in

- residential care? The qualitative findings of a mixed methods study. *Music and Medicine*, **10**, 54-62.
- de Medeiros K, Beall E, Vozzella S and Brandt J (2009) Television viewing and people with dementia living in long-term care: A pilot study. *Journal of Applied Gerontology*, **28**, 638-648.
- Dewing, J (2008) Process consent and research with older persons living with dementia. *Research Ethics Review*, **4**, 59–64.
- Dewing J, McCormack B (2017) Creating flourishing workplaces. In B. McCormack & T.C. McCance (Eds.) *Practice in Nursing and Health Care. Theory and Practice* (pp. 150–161) Chichester, West Sussex: Wiley & sons.
- Downs M (2013) Embodiment: The implications for living well with dementia. *Dementia*, **12**, 368-374.
- Drageset J, Espehaug B and Kirkevold M (2012) The impact of depression and sense of coherence on emotional and social loneliness among nursing home residents without cognitive impairment—a questionnaire survey. *Journal of Clinical Nursing*, **21**, 965-974.
- Dreyfus HL (1991) *Being-in-the-world: A commentary on Heidegger's being and time, division I*. Cambridge, MA: Massachusetts Institute of Technology.
- Dröes RM, Boelens-Van Der Knoop EC, Bos J, Meihuizen L, Ettema TP, Gerritsen DL, Hoogeveen F, De Lange J and SchöLzel-Dorenbos CJ (2006) Quality of life in dementia in perspective: An explorative study of variations in opinions among people with dementia and their professional caregivers, and in literature. *Dementia*, **5**, 533-558.
- Elias SMS, Neville C and Scott T (2015) The effectiveness of group reminiscence therapy for loneliness, anxiety and depression in older adults in long-term care: A systematic review. *Geriatric Nursing*, **36**, 372-380.
- Forder J and Fernandez JL (2011) *Length of stay in care homes*. PSSRU Discussion Papers (2769). PSSRU, London School of Economics and Political Science, London, UK.
- Gordon AL, Franklin M, Bradshaw L, Logan P, Elliott R and Gladman JR (2013) Health status of UK care home residents: a cohort study. *Age and ageing*, **43**, 97-103.
- Grøndahl VA, Persenius M, Bååth C and Helgesen AK (2017) The use of life stories and its influence on persons with dementia, their relatives and staff—a systematic mixed studies review. *BMC Nursing*, **16**, 28.
- Guzmán-García AHJC, Hughes JC, James IA and Rochester L (2013) Dancing as a psychosocial intervention in care homes: a systematic review of the literature. *International Journal of Geriatric Psychiatry*, **28**, 914-924.
- Hagan R, Manktelow R, Taylor BJ and Mallett J (2014) Reducing loneliness amongst older people: a systematic search and narrative review. *Ageing & Mental Health*, **18**, 683-693.
- Hawkins RJ, Prashar A, Lusambili A, Ellard DR and Godfrey M (2018) 'If they don't use it, they lose it': how organisational structures and practices shape residents' physical movement in care home settings. *Ageing & Society*, **38**, 1817-1842.
- Hazan H (1980) *The limbo people: A study of the constitution of the time universe among the aged*. Routledge Kegan & Paul.

- Hernandez RO (2007) Effects of therapeutic gardens in special care units for people with dementia: Two case studies. *Journal of Housing for the Elderly*, **21**, 117-152.
- Hockey JL (1990) *Experiences of Death: An Anthropological Account*. Edinburgh: Edinburgh University Press.
- Izod J and Dovalis J (2014) *Cinema as therapy: Grief and transformational film*. Routledge.
- Jenkins N (2014) Dementia and the inter-embodied self. *Social Theory & Health*, **12**, 125-137.
- Jenkins R (2014) *Social identity*. London: Routledge.
- Knight T and Mellor D (2007) Social inclusion of older adults in care: Is it just a question of providing activities? *International Journal of Qualitative Studies on Health and Well-being*, **2**, 76-85.
- Kracauer S (1997) *Theory of film: The redemption of physical reality*. New Jersey: Princeton University Press.
- LaingBuisson (2013) *Care of elderly people: UK market survey 2013*. London: Laing & Buisson.
- Lawrence V, Fossey J, Ballard C, Moniz-Cook E and Murray J (2012) Improving quality of life for people with dementia in care homes: making psychosocial interventions work. *British Journal of Psychiatry*, **201**, 344-351.
- Macintosh A and Laventure B (2014) "Care... about physical activity" in care homes in Scotland. *Working with Older People*, **18**, 20-127.
- McCormack B (2004) Person-centredness in gerontological nursing: an overview of the literature. *Journal of Clinical Nursing*, **13**, 31-38.
- Mozley C (2017) *Towards quality care: outcomes for older people in care homes*. London: Routledge.
- Mulvey L (2006) *Death 24x a second: Stillness and the moving image*. London: Reaktion Books.
- Peace S and Holland C (2001) Homely residential care: a contradiction in terms? *Journal of Social Policy*, **30**, 393-410.
- Plantinga CR (2009) *Moving viewers: American film and the spectator's experience*. CA: University of California Press.
- Port CL, Gruber-Baldini AL, Burton L, Baumgarten M, Hebel JR, Zimmerman SI and Magaziner J (2001) Resident contact with family and friends following nursing home admission. *The Gerontologist*, **41**, 589-596.
- Ritchie J, Lewis J, Nicholls CM and Ormston R. (2013) *Qualitative Research Practice: A Guide for Social Science Students and Researchers*. CA: Sage.
- Sharp S (2007) *Home from home: A report highlighting opportunities for improving standards of dementia care in care homes*. Alzheimer's Society.
- Shimamura AP (2013) *Psychocinematics: Exploring cognition at the movies*. Oxford: Oxford University Press.

Smit D, De Lange J, Willemse B and Pot AM (2017) Predictors of activity involvement in dementia care homes: a cross-sectional study. *BMC Geriatrics*, **17**, 175-194

Sobchack V (2004) *Carnal thoughts: Embodiment and moving image culture*. CA: University of California Press.

Theurer K, Mortenson WB, Stone R, Suto M, Timonen V and Rozanova J (2015) The need for a social revolution in residential care. *Journal of Aging Studies*, **35**, 201-210.

Timonen V and O'Dwyer C (2009) Living in institutional care: residents' experiences and coping strategies. *Social Work in Health Care*, **48**, 597-613.

Victor CR (2012) Loneliness in care homes: a neglected area of research? *Aging Health*, **8**, 637-646.

Woods B, O'Philbin L, Farrell EM, Spector AE, Orrell M (2018) Reminiscence therapy for dementia. *Cochrane Database of Systematic Reviews* 2018, Issue 3. Art. No.: CD001120. DOI: 10.1002/14651858.CD001120.pub3.

Young R, Camic PM and Tischler V (2016) The impact of community-based arts and health interventions on cognition in people with dementia: A systematic literature review. *Aging & Mental Health*, **20**, 337-351.

Table 1. Care home characteristics

Care home	Type	Number of residents	Resident mix	Staff : resident ratio	Location	Care Inspectorate rating
A	Private	Max. 54 residents	Approximately 75 per cent female, 25 per cent male	1 : 5	Suburban	Excellent
B	Private	Max. 66 residents	Approximately 66 per cent female, 33 per cent male	1 : 5	Suburban	Good

Table 2. Film Screening Schedule and Participant Involvement Breakdown by week				
Care Home A				
In total, 9 residents and 4 staff involved over 3 weeks. Broken down as follows:				
Week	Film Choice	Attended film screening	Stayed for discussion group	Took part in a staff interview
1	<i>You Were Never Lovelier</i> (Seiter, 1942) https://www.imdb.com/title/tt0035583/	9 female residents 3 female care assistants 1 female activities co-ordinator	5 residents (1 left during the film, 3 opted out of group discussion) 2 care assistants	1 care assistant 1 activities co-ordinator
2	<i>Send Me No Flowers</i> (Jewison, 1964) https://www.imdb.com/title/tt0058571/	9 female residents 3 female care assistants 1 female activities co-ordinator	7 residents (2 opted out of group discussion) 1 care assistant 1 activities co-ordinator	2 care assistants 1 activities co-ordinator (follow on interview)
3	<i>Down Argentine Way</i> (Cummings, 1940) https://www.imdb.com/title/tt0032410	8 female residents 2 female care assistants 1 female activities co-ordinator	8 residents 1 care assistant 1 activities co-ordinator	1 activities co-ordinator (follow on interview)
Care Home B				
In total, 17 residents, 5 relatives and 5 staff involved over 3 weeks. Broken down as follows:				
Week	Film	Attended film screening	Stayed for discussion group	Took part in a staff interview
1	<i>You Were Never Lovelier</i> (Seiter, 1942) https://www.imdb.com/title/tt0035583/	3 male, 14 female residents 1 female activities co-ordinator 2 female care assistants 1 male care assistant 1 male, 4 female visiting relatives.	All residents stayed All relatives stayed 1 activities co-ordinator	Activities co-ordinator
2	<i>Down Argentine Way</i> (Cummings, 1940) https://www.imdb.com/title/tt0032410	6 female residents no staff	2 residents (4 left the room during the film and did not return).	None
3	<i>Gentlemen Prefer Blondes</i> (Hawks, 1953) https://www.imdb.com/title/tt0045810	2 male, 8 female residents 1 female activities co-ordinator 5 female visiting relatives	Discussion group did not take place because of another scheduled event in the home	None

Table 3. ISKE-S Observation Schedule with prompts

Intention	Sensation
<i>How are the audience responding to the filmmaker's artistic intention? How are they reacting to the genre? Cinematic style?</i>	<i>How are the audience responding physically to the film e.g. laughing, posture, clapping etc? Note down specific examples – what did they do, what prompted this response?</i>
Knowledge	Emotions
<i>What knowledge are the audience bringing to the film? Do they appear familiar/unfamiliar with the stars/music/era/filmmaker/story etc? What tells us this? What impact does this have?</i>	<i>What emotions are the audience expressing e.g. happiness, sadness, romance, humour etc. Note down specific examples – what did they do, what prompted this response?</i>
Social Connectivity	
<i>How is the film a shared social experience? What verbal/non-verbal connections are on display? Note down specific examples – what did they do, what prompted this, what was the impact on social connection? What conversations are prompted (about the film or otherwise?)</i>	

Table 4. ISKE-S Audience Discussion Group Semi-Structured Guide
Introduction
<i>Remind participants of the purpose of the study and reiterate participant information sheet – i.e. digital recording, right to leave at any time, reminders about confidentiality and anonymity, offer the chance to stay for discussion or leave.</i>
<i>N.B Make sure that all elements of the ISKES framework are covered but be flexible. Be guided by participants and only use prompts when needed.</i>
Intention
<i>Focus the discussion on today's film e.g. how did you enjoy the film today? What did you like? Would you have preferred something different, if so why? Also pick up on any specific examples from the observations Broadly discuss genres/types e.g. what are your favourite types of film to watch and why?</i>
Sensation
<i>Focus on bodily sensations e.g. restlessness, engrossed in the action, laughing, crying, getting up to dance, clapping etc. Pick up on examples from the observations. Discuss spectatorship more generally e.g. where do you most enjoy watching films? What type of environment do you like?</i>
Knowledge
<i>Explore residents' prior knowledge of the film and how this shaped spectatorship e.g. had you seen this film before? What were you expecting the film to be like? Pick up on examples from the observations Use opportunities to follow up on conversations arising from the audience that showcase their knowledge of stars, filmmakers, era, items shown on screen etc</i>
Emotions
<i>How did the film make you feel today? Pick up on examples from observations e.g. "I noticed you were laughing a lot at X, what did you like? How did it make you feel?" Etc. How did you feel before watching the film compared to now? Did your feelings change during the film? Broadly discuss film in relation to emotion e.g. do you ever choose films to match your mood?</i>
Social Connectivity
<i>Focus first on the film today e.g. How did you feel about watching the film with other people today? What did you like about this? What did you not like? Was there anything that could be done differently? Broadly discuss viewing preferences e.g. How do you generally like to watch films e.g. on your own, or with others? Which do you prefer and why?</i>
Close
<i>Invite participants to share anything else they would like to add before the discussion ends. Thank participants for attending and explain what will happen next week.</i>

Table 5. ISKE-S Staff Interviews Semi-Structured Guide
Introduction
<i>Remind staff of the purpose of the study and reiterate participant information sheet – i.e. digital recording, right to withdraw, reminders about confidentiality and anonymity.</i>
Intention
<i>What do residents seem to like, or not like, about the film today? Why? (prompt for examples) Do you think they would have preferred a different type of film? Why? Why not? How does this compare to last week? What types of film do they normally enjoy? Why? What other genres have you tried and how did this go? How do you normally choose these?</i>
Sensation
<i>Tell me about how the residents reacted physically to the film today – if needed prompt staff to think about whether they noticed residents laughing, crying, singing along, feeling bored/restless at times? (ask for specific examples and use examples from the observation notes to help if needed) Are these the type of reactions you expected? Why? Why not? How does this compare to last week? And to your previous experiences of using film with the residents?</i>
Knowledge
<i>Do you know if the residents have seen this film before? If so, were their reactions the same as in the earlier viewing(s), or was there a change in their response? How do you think this knowledge shapes their experience of the film or not? Can you give examples?</i>
Emotions
<i>How were the residents feeling before watching the film (e.g. excited/interested/reluctant etc)? Did their feelings seem to change once the film started/after it was finished? How did this compare to last week? And to your previous experiences of using film?</i>
Social Connectivity
<i>Do you think the experience of group viewing had an impact on the residents' physical and emotional reactions to the film? How? Why? Can you give examples? How does this compare to last week? If it was different, why? Did the film prompt conversations between staff members and fellow residents, before, during or after the screening? What do you think could have been done differently to help the residents enjoy the film more?</i>
Close
<i>Is there anything else you would like to add that you have not had the chance to say? Thank staff for their time and re-join the film screening.</i>