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Title: Experiences of home and institution in a secured nursing home ward in the Netherlands: A participatory intervention study

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Keywords:

- Home
- Total institutions
- Nursing home
- Person-centred care
- Qualitative methods
- Participatory approach

Highlights

- We used Goffman's conceptualisation of total institutions and the literature on home as a framework for analysis.
- We conclude that while home and institution may seem to be opposites, they can actually be seen as two ends of a continuum.
- We explore interventions that were implemented to increase the sense of home on a secured nursing home ward.
- The interventions aimed to increase residents' control over everyday, rather than to implement home-like aesthetics.

- We conclude that it is possible to increase the home-like character of a secured nursing home ward through interventions.

1 Experiences of home and institution in a secured nursing home ward in the Netherlands: A
2 participatory intervention study

3 **Abstract**

4 Nursing homes have been criticised for not providing a home for their residents. This article aims to
5 provide insight into (1) the features of home and institution as experienced by residents and caregivers
6 of a secured ward in a nursing home, and (2) how interventions implemented on the ward can
7 contribute to a more home-like environment. For this purpose, a participatory intervention study,
8 involving both caregivers and residents, was carried out. We collected data through qualitative
9 research methods: observations, in-depth interviews and diaries to evaluate the interventions over
10 time. We adopted an informed grounded theory approach, and used conceptualisations of total
11 institutions and home as a theoretical lens. We found that the studied ward had strong characteristics
12 of a total institution, such as batch living, block treatment and limited privacy. To increase the sense
13 of home, interventions were formulated and implemented by the caregivers to increase the residents'
14 autonomy, control and privacy. In this process, caregivers' perceptions and attitudes towards the
15 provision of care shifted from task-oriented to person-centred care. We conclude that it is possible to
16 increase the home-like character of a secured ward by introducing core values of home by means of
17 interventions involving both caregivers and residents.

18 **1. Introduction**

19 Both the meaning and experience of home change over the life course. The home becomes ever more
20 significant in the everyday lives of many older adults, especially those with constrained mobility or
21 chronic illness (Dyck, Kontos, Angus, & McKeever, 2005; Sixsmith et al., 2014). The importance of home
22 is reflected in the wish of many older adults to 'age in place'– to live and eventually die in their own
23 home. Ageing in place enables older adults to maintain relatively high levels of independence and
24 autonomy, and a social network. Current policy in the Netherlands supports older people's wish to
25 remain in their own dwelling or community rather than to move into residential care. This also reduces

26 costs of institutional care (Kamerbrief over langer zelfstandig wonen, 2014). However, people with
27 physical and mental problems, such as dementia, most often reside in nursing homes (Nakrem,
28 Vinsnes, Harkless, Paulsen, & Seim, 2012). Nursing homes are often criticised for not providing a home-
29 like environment (Miller et al., 2013). This can be explained, at least in part, by the fact that they have
30 been developed within a medical model, resembling hospitals rather than a home (Hauge & Heggen,
31 2007). Care is provided as efficiently as possible to accommodate large numbers of people, and so
32 nursing homes typically lack certain core qualities of home such as control, autonomy, choice, privacy
33 and self-determination (Cooney, 2012; Custers, Westerhof, Kuin, Gerritsen, & Riksen-Walraven, 2012;
34 Granbom et al., 2014; Kasser & Ryan, 1999; Persson & Wasterfors, 2009; Stabell, Eide, Solheim,
35 Solberg, & Rustoen, 2004). As a result, it is difficult for many older adults to make themselves 'at home'
36 in a nursing home (Granbom et al., 2014; Shin, 2014). Several studies have found that the core qualities
37 of home are positively linked to the well-being of older people, including those in long-term care
38 settings (Boyle, 2008; Cooney, 2012; Sixsmith et al., 2014). This suggests that feeling at home can
39 enhance the well-being of older adults in long-term care (Cooney, 2012).

40 McCormack (2003, cited in O'Dwyer, 2013) argued that caregivers should attempt to understand their
41 clients' key-values in life, in order to provide meaningful care. Caregiver and care recipient are thus to
42 engage in a meaningful relationship in which the caregiver provides both practical and personal
43 support. Through such meaningful support, person-centred care could contribute to an increased
44 sense of home for nursing home residents. Person-centred care means listening to and respecting
45 residents' needs, as well as showing genuine interest in and openness towards them. Brownie and
46 Nancarrow (2013) wrote that "person-centred approaches to aged care should create the conditions
47 for older people to participate in meaningful lives, and potentially improve their well-being" (p. 7).
48 Hence, caregivers can play a key-role in facilitating and hindering the sense of home that residents
49 experience in a nursing home setting. Harnett (2010) demonstrated in an ethnographic study that a
50 routine culture in nursing homes tends to be reproduced through both staff and resident compliance.

51 She found that it was very difficult for residents to achieve exemptions from nursing home routines,
52 especially when these exemptions implied a disruption or disturbance to the caregivers' activities.

53 We conducted a participatory interventions study on feeling at home in a nursing home setting, in
54 which both the caregivers and residents were involved. In the study, the perspectives of both residents
55 and caregivers on daily life on the ward were analysed first. Subsequently interventions to increase its
56 home-like character were discussed, implemented and monitored in close collaboration between the
57 researchers and caregivers. This article aims to gain insight into (1) features of home and institution as
58 experienced by the residents and caregivers of a secured ward in a nursing home in the north of the
59 Netherlands, and (2) how interventions on the ward can contribute to a more home-like environment.

60 **2. Framing the analysis: (lack of) aspects of home within institutional care settings**

61 *2.1 Nursing homes as total institutions*

62 Two seminal works published in the 1960s have shaped our thinking on home and institutions: Asylums
63 by Erving Goffman (1961) and The last refuge by Peter Townsend (1962). Goffman (1961) developed a
64 theory of 'total institutions', which he defined as places 'of residence and work where a large number
65 of like-situated individuals, cut off from the wider society for an appreciable period of time, together
66 lead an enclosed, formally administered round of life' (p. xiii). Based on his ethnographic study of
67 mental hospitals, Goffman argued that 'total institutions' are characterised by 'block treatment' in
68 which each phase of daily life is tightly scheduled, with one activity leading at a prearranged time into
69 the next. It is enforced by a responsible authority, typically the management of the institution, and
70 imposed through a system of explicit formal rules. Each phase is carried out in the immediate company
71 of a large batch of others, all of whom are treated alike and required to do the same activities at the
72 same place and time. This is called 'batch living'. It also enforces a strict distinction between residents
73 and staff. Although Goffman did not explicitly discuss nursing homes as total institutions, other authors
74 have done so (Clark & Bowling, 1990; van der Horst, 2004).

75 Peter Townsend studied residential care for older people in England and Wales, and his findings
76 resemble the total institution defined by Goffman. He described how people who reside in residential
77 care live an isolated life, with limited mobility and access to society. Residents submit to orderly
78 routines, with a lack of creative occupation and little opportunity to exercise self-determination
79 (Townsend, 1962). Goffmann and Townsend both criticised the routinisation and depersonalisation of
80 institutional life which result from both block treatment and batch living (Higgins, 1989).

81 *2.2 Block treatment*

82 In the follow-up study, Revisiting 'The Last Refuge', Johnson, Rolph, and Smith (2010) found that nearly
83 50 years after Townsend's study not much had changed in residential care, especially with regard to
84 block treatment: the routinisation of everyday life and lack of autonomy for residents. Overall, life in
85 institutional nursing homes follows a set routine prescribed by the organisation, in which residents
86 lack personal choice, privacy and dignity (Ragsdale & Mcdougall, 2008). Other recent studies have also
87 reported characteristics of total institutions in nursing homes: care is routinised and residents have
88 little control over their day, such as whether or not to have a bath and when to get up in the morning,
89 which constrains their autonomy (Cooney, 2012; Harnett, 2010; Persson & Wasterfors, 2009).

90 Tension exists between the institutional routines and the residents' personal desires. Cooney (2012)
91 showed that nursing home residents tried to maintain continuity by performing their normal activities
92 and day-to-day rituals as they did before being admitted to the nursing home. However, the
93 institutional routines that were task- and scheduled-oriented, rather than person-oriented, hindered
94 residents from achieving this and made them less independent. Residents who needed help getting up
95 in the morning and into bed in the evening, in particular, were dependent on the staff's routines
96 (Nakrem et al., 2012).

97 Routines and regulations are part of a nursing home culture which aims to avoid risks of poor quality
98 of care and neglect (Cohen-Mansfield et al., 1995; Persson & Wasterfors, 2009). However, such rules
99 and regulations constrain development towards person-centred homes with more individual choice

100 and autonomy (Miller et al., 2013). Higgins (1989) found that the prevailing culture in nursing homes
101 is paternalistic and overprotective. In nursing home environments, all normal risks are blocked out and
102 residents are protected to a level that would never be achieved at home. In order to allow residents
103 autonomy, staff need to give up some of their own power and control and move towards risk
104 management, that is, incurring an element of calculated risk, rather than risk avoidance (Bland, 1999).
105 However, many nursing homes are still very much concerned with providing a safe environment for
106 their patients (Thomas et al., 2012). This is in itself a laudable aim, but could be taken too far, creating
107 a care environment that is guided by rules and bureaucracy, which carries its own risks. Ulsperger and
108 Knottnerus (2008) found that bureaucracy in a nursing home context can lead to the development of
109 rituals that facilitate physical neglect.

110 *2.3 Batch living*

111 Institutional life is often characterised by batch living, in which everyday life takes place in the company
112 of a batch of other people who are all treated in the same way. All activities of daily living, such as
113 eating and sleeping, are carried out together (Higgins, 1989). Because all the residents are treated the
114 same, and because of the lack of individual choice, personal autonomy and privacy within institutions,
115 residents' self-determination is curtailed (Goffman, 1961). Townsend (1962) and Goffman (1961) both
116 described a process of depersonalisation that occurs when people become part of the institutional
117 system, because individuals are only treated as part of a group, rather than as an individual. Older
118 adults in nursing homes are typically subjected to batch living.

119 Another characteristic of total institutions identified by Goffman (1961) is the separation between staff
120 and residents, both socially and spatially. Within a typical total institution, staff and residents form two
121 different groups with limited interaction. Some argue that a professional distance between staff and
122 residents is necessary to cope with the demanding work, and to protect staff from stress and tension
123 (Buckley & McCarthy, 2009). In nursing home life today, however, this separation is not clear-cut.
124 Several studies have reported how nursing home residents, particularly in small-scale homes, develop

125 connections with staff, especially as a kind of substitution for a lack of contact with family and friends
126 (Buckley & McCarthy, 2009; Cooney, Dowling, Gannon, Dempsey, & Murphy, 2014; Custers et al., 2012;
127 Hauge & Heggen, 2007; Wilkinson, Kiata, Peri, Robinson, & Kerse, 2011). More specifically, Hauge and
128 Heggen (2007) found that nursing home residents preferred to discuss everyday matters with
129 caregivers, rather than with fellow residents, and that residents actively sought contact with caregivers
130 for a private chat. This is related to the observation that nursing home residents seldom develop close
131 friendships with co-residents. The social relationships developed between residents in nursing homes
132 have been compared with the superficial contacts people have on the bus or in a dentist's waiting
133 room. Such relationships are characterised by a degree of formality and distance, and residents say
134 they are friendly, rather than friends, with other residents (Higgins, 1989). Buckley and McCarthy
135 (2009) suggested that staff could play a role in facilitating friendships between residents, since they
136 know the residents well. They also argued that residents who prefer to be alone should not be pushed
137 to engage in social activities.

138 *2.4 Public and private space*

139 The ambiguity of public and private space in institutions has been discussed more recently (Hauge &
140 Heggen, 2007; Nord, 2011a,b). Many of the residents' everyday activities are public, in the presence
141 of other residents, rather than private, making it difficult to maintain a private life (de Veer & Kerkstra,
142 2001; Hauge & Heggen, 2007; Nord, 2011a). Gubrium (1997) found that nursing home residents
143 typically feel at home in their own private space, but not in the public spaces of the nursing home. The
144 bed-sitting room, if available, is often the most important private space for residents; there residents
145 are most 'in charge' (Nord, 2011a). When an individual has control over a place, it becomes 'defensible
146 space', while lack of control undermines such a sense of 'ownership' (Barnes, 2002; Cooney, 2012).
147 Personalisation of a private room marks a sense of territory and control, and is a visual expression of
148 the resident's identity and lifestyle (Cutchin, Owen, & Chang, 2003; Hauge & Heggen, 2007; Higgins,
149 1989; Rechavi, 2009; Shin, 2014). Cooney (2012) suggested that people 'who "created" their own

150 space usually considered the facility their home' (p. 192). A sense of privacy and control over a place
151 has been found to enhance quality of life (Willcocks, Peace, & Kellaheer, 1987).

152 Alternations that are being done in traditionally hospital-like nursing homes to provide a home-like
153 setting are, for example, the creation of smaller residential units and/or providing single rooms (Peace,
154 Kellaheer, & Willcocks, 1997). Other studies have shown that even in nursing homes where residents
155 have single bedrooms and home-like interiors, residents have limited opportunities to develop a
156 private daily life (de Veer & Kerkstra, 2001; Hauge & Heggen, 2007; Peace et al., 1997). Privacy, in
157 terms of control, especially the power to include or exclude other people, is often violated, by
158 caregivers entering the room without waiting for permission, for example (Allan & Crow, 1989; Nord,
159 2011a). Even when private space is available, access to this space is difficult. Hauge and Heggen (2007)
160 found that feeling at home in a nursing home was associated with the freedom to withdraw from the
161 shared space to a private room, which enabled residents to maintain a private life. Immobile residents
162 in particular are often unable to withdraw to a more private place.

163 Based on the literature, we conclude that while home and institution may at first seem to be opposites,
164 they are rather two ends of a continuum. Institutions such as nursing homes can have many home-like
165 features, as described above, and private homes can also have some characteristics of institutions (see
166 also Nord, 2011a). When older adults receive home care, due to ill health or immobility, their sense of
167 home may be disrupted and their private space violated. In such a case, the institutional characteristics
168 of the private home increase (Gillsjo, Schwartz-Barcott, & Von Post, 2011). Acknowledging this fluidity
169 of home and institution-like features will open up a more multi-faceted and nuanced perspective on
170 both nursing homes and private homes. Furthermore, this prevents looking at home-like features as
171 'good' and features of institutions as bad, which could be a tendency when looking at nursing homes
172 from the perspective of person-centred care.

173 **3. Methodology**

174 *3.1 Study setting*

175 In this article, we focus on a ward for people suffering from Korsakov syndrome. The ward, which we
176 will call 'Riverside', is part of a larger nursing home 'Fairview' which also houses two wards for somatic
177 and psychogeriatric patients. Korsakov syndrome is a chronic memory disorder typically caused by
178 long-term alcohol misuse. The syndrome causes problems with processing new information, inability
179 to remember recent events and long-term memory gaps. Because of its relation to alcohol misuse and
180 its similarity to dementia, Korsakov is also known as alcohol dementia. Although learning is difficult for
181 Korsakov patients they are able to learn new things, especially if the information is introduced explicitly
182 and gradually, and if their living environment is quiet, structured and with fixed routines (Kopelman,
183 Thomson, Guerrini, & Marshall, 2009). Many Korsakov patients need help with personal hygiene, since
184 they tend to neglect their appearance. Caregivers have to encourage Korsakov patients, or provide
185 assistance, with changing their clothes and showering Korsakov (Kenniscentrum, 2014).

186 Twenty people live at Riverside, of whom 19 are men. The mean age of the residents is 65 years.
187 Riverside consists of two units with 10 residents each, separated by a corridor. Both units have a
188 permanent team of about 10 caregivers who specialise in caring for Korsakov patients and people with
189 similar syndromes. Other professionals involved in various aspects of the residents' lives include a
190 medical team led by a nursing home doctor, general services providing food and cleaning, and a team
191 of occupational therapists and physiotherapists.

192 *3.2 Approach and data collection methods*

193 This article is part of a larger participatory research project on the well-being of nursing home residents
194 on three geriatric care wards located in different villages in the north of the Netherlands but which are
195 part of the same health care organisation. In this project, no extra financial means or time were
196 provided, besides the fact that caregivers who had to come back to the ward for team meetings were
197 paid for their time. The team of caregivers working at the Korsakov ward signed up for the project
198 voluntarily.

199 The ethical committee of the Faculty of Spatial Sciences reviewed the research proposal. Data
 200 collection for the project was undertaken during a period of one year, from June 2011 to June 2012.
 201 The project can broadly be divided into four partly overlapping phases, as distinguished by Kindon
 202 (2010):

203 (1) exploring the situation, (2) setting up a commonly defined intervention, (3) intervention, and
 204 (4) evaluation and future developments. In the following, we briefly discuss the four phases and the
 205 methods of data collection used in each phase. The aim of the situational analysis was to get more
 206 insight into daily life at Riverside. For that purpose, we collected data through participant observation
 207 and interviewing. Participant observation was conducted during visits on all days of the week during
 208 day and evening hours. MK observed daily life in the communal areas of Riverside and participated
 209 in daily activities, such as lunch and dinner, recreational activities, and special events (such as
 210 Christmas dinner). During the observations, she conducted conversational interviews to clarify the
 211 observations. In-depth interviews were held with five residents and three caregivers, which made it
 212 possible to ask follow up questions to the observations. The in-depth interviews were open-ended
 213 and addressed a wide range of topics. Each interview began with a broad question: 'Please tell me
 214 what it is like to live/work here', followed by questions regarding participants' perceptions of the
 215 provision of care, housing, daily life (including routines and procedures at Riverside), activities, social
 216 contacts and atmosphere. Informed consent was obtained from the participants for all in-depth
 217 interviews.

218 Table 1: Interventions implemented at Riverside categorized by aim

Aim of the interventions	Interventions
To increase residents' autonomy and control	<ul style="list-style-type: none"> • Residents decide when to get up, where to eat, and what to eat. • Residents visit the doctor with the support of caregiver.

	<ul style="list-style-type: none"> Residents attend multi-disciplinary meetings in which their case is discussed.
To minimise disturbance in public space and increase the sense of privacy	<ul style="list-style-type: none"> The placement of a door that detaches the ward from the greater facility. Residents are not disturbed by professionals during recreational activities. More opportunities within the structure for residents to withdraw from the 'batch'.
To increase home like practices	<ul style="list-style-type: none"> Meals are cooked by the caregivers at the ward. Caregivers have meals together with the residents. Residents are involved in domestic tasks such as cooking and doing groceries.
To decrease the feeling of being locked up	<ul style="list-style-type: none"> Residents spend more time outside the facility. Residents are coached more intensively to go for a walk outside the facility on their own.
To provide person-centred care	<ul style="list-style-type: none"> Caregivers listen to residents' wishes and needs. Decisions are made in consultation with the residents. Caregivers decide what rules and regulations they need to provide high quality of care. Caregivers calculate the risks they take, rather than avoiding risky situations

219

220 In the second phase MK presented the perspectives of the residents, i.e. the results of the situational
221 analysis, to the caregivers. The information on what was important to the residents in their daily lives,
222 and on what they wanted to improve, was used by the caregivers to discuss the interventions they

223 wanted to set up to increase residents' well-being. Through discussion, they decided together which
224 interventions to prioritise. For an overview of the developed interventions, see Table 1. We
225 categorised the interventions according to their aims, to provide a clear overview. These categories,
226 however, overlap and are not mutually exclusive. Unlike most other studies on nursing home care,
227 older adults' perceptions and descriptions of daily life in the care facility were thus included in the
228 study (see Wadensten, 2007). In the third phase, the interventions were implemented. The third phase
229 consisted of cycles of action and reflection. The interventions were implemented, evaluated by the
230 team, and subsequently accepted, revised or discarded. Some of the interventions were complex and
231 difficult to carry out, such as changes to make safety regulations less bureaucratic and time consuming,
232 while others were simpler and easier, for example, rules established by the team itself, such as where
233 residents could have dinner.

234 In the fourth phase, five caregivers kept diaries for 10 days in which they were asked to write freely
235 about changes in work practices, how they experienced the interventions and how the residents
236 responded. The data from the diaries were used as input for semi-structured, in-depth interviews with
237 the caregivers. This enabled the researchers to go deeper into the issues brought up by the caregivers.
238 Furthermore, the caregivers' experiences and perceptions of the project were also discussed during
239 the interviews.

240 Conversational interviews were held with residents during observations to gather information about
241 life at Riverside at that point of time. Conducting in-depth interviews with the residents in this phase
242 was challenging, because many had difficulties comparing their current life on the ward with how it
243 had been previously, in part due to their cognitive impairments. As an alternative, MK conducted a
244 focus group discussion with nine residents, in which concrete interventions were discussed and
245 evaluated. Although the focus group discussion provided some information on the residents'
246 experiences, the evaluation of the interventions is mainly based on the detailed accounts of the ten
247 caregivers, the head of the ward, and observations on the ward by MK.

248 The progress of the project was monitored throughout all the phases. MK visited Riverside every two
249 weeks, was present at team meetings, meetings between caregivers and other professionals such as
250 physiotherapists, and conducted observations to monitor how the participants experienced the
251 progress of the project. During the project, caregivers reflected together on how they provide care,
252 when they trust and are supported by each other (or not), and how they feel supported by the
253 management (or not). We found that through these discussions, the caregivers developed a shared
254 vision, and felt ownership for the project and were motivated for the project to succeed. At the start
255 of the project, not all caregivers were enthusiastic about it. This changed gradually as the project
256 progressed, and towards the end, even the most sceptical caregiver told us how her opinion had
257 changes, and how she felt she had become an ambassador of the project.

258 To provide a complete picture of the project and its evaluation, LM conducted three in-depth
259 interviews each with the director of the health care organisation and the project manager, at the
260 beginning, middle and end of the project. These interviews were held to monitor their perceptions of
261 the process over time, their expectations and experiences with the project, and ideas for the future.

262 Through this monitoring, it became clear that some, but not all, of the ideas raised in the situational
263 analysis were addressed in the interventions. Some ideas were recognised as valuable by all
264 participants but were difficult to put into practice, such as the desire of some residents to have their
265 own mailbox. This suggestion stemmed from caregivers opening residents' mail before giving it to
266 them, which residents experienced as a violation of their privacy. In principle, the caregivers agreed
267 that the residents should be in charge of their own mail. However, in practice this had resulted in
268 problems, such as residents not paying bills on time, so the caregivers chose to leave the situation as
269 it was. Overall, we found that the caregivers prioritised interventions that were relatively quick and
270 easy to implement.

271 *3.3 Data analysis*

272 The observational notes and transcripts of the recorded in-depth interviews resulted in written texts.
273 The data were stored on a network space to which only the two authors had access. The names of the
274 residential home, residents and staff have been anonymised and pseudonyms are used in this article.
275 Data analysis was carried out during the first and fourth phases of the research. The process of analysis
276 began with careful reading of the transcripts, followed by open coding (Strauss and Corbin, 1998). In
277 the process of open coding, we found that aspects of home and institution emerged from the data,
278 and that residents related these to their well-being. Subsequently, we used the concepts of home and
279 institution in the process of axial and selective coding. The analysis enabled us to systematically
280 evaluate how the implemented interventions affected both institutional and home-like features within
281 Riverside. We can thus say we adopted an informed grounded theory approach, which means that we
282 used literature on total institutions and home as a framework for the analysis, while also being open
283 to new themes that emerged (Bowen, 2006; Thornberg, 2012). Both authors were involved in the
284 process of data analysis, discussing emerging themes, categories and concepts. Where our
285 interpretations differed, we discussed them until we found common ground, thus improving our
286 understanding and interpretation of the data.

287 **4. Results**

288 *4.1 Block treatment*

289 The Korsakov ward contained elements of both home and institution. Our results focus on the
290 institutional elements and the interventions carried out to make Riverside more home-like. The daily
291 life of the residents is clearly structured and the routines are determined by the staff. The residents
292 are woken up, (helped to) get out of bed and dressed, and all have breakfast together. In the morning
293 and afternoon, residents participate in recreational activities on the other side of the facility, and
294 coming back to Riverside for lunch in between. At the end of the day, the residents have dinner
295 together in the communal dining area. Daily life at the Korsakov ward is highly routinised and the

296 residents have little control over their own lives. Mr Davis stated: 'Everything is decided for me. I'm
297 not a small child!' (Interview, phase 1, Mr Davis, resident).

298 The caregivers understood that the structure is not what residents wanted:

299 Yes, that is how some people feel. Most people want to do their [own] thing: lying in bed, smoking,
300 and especially doing nothing. The majority. And when we then say: you have to get up at 9 o'clock, a
301 quarter to 10 you have to go to the workplace, half past 11 you come back again, 12 o'clock you have
302 to eat, yes, then their life is lived for them (Team meeting, phase 2, Julia, caregiver).

303 Although the caregivers understood some of the residents' frustrations, they decided to maintain the
304 general daily structure at Riverside, reasoning from the specific needs of people with Korsakov
305 syndrome: 'If you give them no structure, you provide no safety, and then they will become an
306 unguided missile' (Interview, phase 4, Julia, caregiver).

307 What the caregivers did change was their style of working. They provided the residents with more
308 control and choice within the daily routines by listening more carefully and by consulting the residents:

309 I have learned to listen more to the residents. In the past I was used to determining everything for the
310 residents. Now I discuss everything with them: at what time would you like to take a shower, how
311 would you like to eat your sandwich? (Diary, phase 4, Paula, caregiver). I can make an agreement [with
312 a resident] that he will shower before going to bed, and not exactly at 7 o'clock ... when it is most
313 convenient to me. Now, when it is most convenient for the resident, that is what I now think is very
314 important. It's not about me finishing my work on time, but that the resident can have a say for himself,
315 'I would rather take a shower before I go to bed or early in the morning when I wake up' (Interview,
316 phase 4, Maria, caregiver). The caregivers found that this way of providing care made the residents
317 feel heard and respected: 'Mr W. commented that since the project, he is more listened to and above
318 all, "I'm taken seriously"' (Diary, phase 4, Julia, caregiver). Linda explained:

319 It's a more open conversation. It may not be your own norms and values, but it's about [the residents']
320 well-being. So, being open to their ideas (Team meeting, phase 4, Linda, caregiver).

321 As an example of respecting the residents' wishes, one resident preferred to sleep in his bed with his
322 clothes and shoes on. Before the project this was not permitted and every night there was a struggle
323 to get him into his pyjamas. During the project, the caregivers decided to allow the resident to do as
324 he wished. They reasoned that there were no direct risks involved as long as certain hygienic standards
325 were met, and came to an agreement with the resident about when to change and wash his clothes.
326 This made it possible for the resident to continue his preferred habit. Through respecting the residents'
327 wishes, the caregivers provide room for residents' self-determination.

328 To increase residents' participation in decisions about their treatment and care, residents were
329 allowed to take part in the multi-disciplinary meetings and to visit the nursing home doctor
330 themselves. At Riverside it had been customary for the caregivers to discuss a resident's medical
331 condition with the doctor without the resident being present. The head of the ward commented:

332 Let our clients visit the doctor, let a [Mark Williams] go to the doctor and say I don't feel that well ...
333 Why not? I mean, why should we tell a doctor how our residents feel? I mean, I don't let my husband
334 go to the doctor's to tell him how I feel ... Our residents are not treated with dignity (Team meeting,
335 phase 2, Helen, head of ward).

336 The caregivers thought that some residents were capable of participating in doctor's visits and multi-
337 disciplinary meetings with the guidance of a caregiver. Although not many residents made use of this
338 new opportunity, it is left to the resident to choose whether he/she wants the caregiver to talk to the
339 doctor.

340 *4.2 Batch living*

341 The residents shared their daily life with other residents. The participants typically described their
342 fellow residents as acquaintances rather than friends, though a small number of residents said that

343 there were others with whom they got along. Our observations confirmed this. Some patients were
344 occasionally seen in each other's company, or helped each other during dinner, for example, with
345 cutting meat. Several residents felt disturbed and irritated by the presence of other residents. One
346 resident described the others: 'It is all about me, me, me and [for me] to eat at first' (Interview, phase
347 1, Mr Davis, resident).

348 One characteristic of Korsakov syndrome is self-centredness, which makes it especially difficult for
349 patients to spend much time in a group. Mr Edwards, who had difficulty coping with environmental
350 stimuli, thought the group of 10 people was too large. He and some other residents expressed a desire
351 to eat in their own rooms, rather than in the communal dining room, which was the common practice.

352 The observations showed that not much interaction occurred between the residents. Some residents
353 would sit together, several smokers would sit next to each other to smoke, for example, but there
354 would not be much conversation. As in many nursing homes, being part of a group which provides a
355 sense of solidarity, companionship, relaxation and fun (Cooney, 2012) was not achieved in our study
356 setting. Our study showed that the presence of a caregiver had an important effect on the atmosphere
357 in the communal room. Caregivers mentioned this:

358 [The residents] would probably not say they need our company, but they will make use of it.... When
359 you leave [the communal room], and return after 15 min or so, the living room will be empty.... But if
360 you stay, make some small talk, watch TV together, make the place comfortable with some food and
361 drinks, then people will stay there much longer (Interview, phase 1, Emma, caregiver).

362 In line with Hauge and Heggen (2007), we found that conversations between the residents came to a
363 standstill when the staff members left the room, while in the company of the caregivers, residents
364 took part in group conversations and made jokes. The caregivers became aware of their impact on the
365 use and atmosphere of the common space and tried to be more present. Besides cooking, they would
366 also eat or drink coffee with the residents. Some of the caregivers already did this before the project,
367 but afterwards it became common practice.

368 Goffman (1961) talked about the distance between care- givers and residents as being part of
369 institutional life. Because the majority of the caregivers did not wear a uniform, there was no visual
370 distance between caregivers and residents, which provided a rather home-like feel to Riverside. Many
371 residents said in the interviews that they liked to talk to and spend time with the caregivers; trips into
372 town to buy clothes or for an appointment at the hospital were greatly appreciated. Nevertheless, the
373 residents said that during these outings the caregivers would watch the clock all the time, which they
374 found disturbing. The social contact between caregivers and residents changed in the course of the
375 project. During the project, the caregivers learned to take more time for individual contact:

376 I've been shopping this afternoon with one of the clients. Client wanted new clothes. We went into
377 [name of town] by bike. We shopped the whole afternoon. Client enjoyed it, was happy with the new
378 clothes. Enjoyed the one-to-one attention. Showed this by treating me to coffee and cake. We took all
379 the time that we needed. Client liked this, and clearly appreciated the outing. I also liked it and think
380 this should happen more often, for example, going to the market, etc. The resident was very positive
381 and would like to go more often (Diary, phase 4, Thomas, caregiver).

382 Other caregivers told us that they saw that residents were satisfied and enjoyed the outings. Staff
383 members, in turn, said they developed an eye for what the residents enjoyed doing, and initiated trips
384 that they knew the residents would enjoy. Thomas is able to take time during the outings, because his
385 colleagues were willing to take up tasks that he could not finish. Documenting the process, we found
386 that the caregivers had to be supported by their colleagues in thinking about and providing care
387 differently. They needed to feel secure and trusted in their professionalism, to be able to go shopping
388 with a resident without being blamed by colleagues for only undertaking fun activities, for instance.
389 Providing good care was not regarded as finishing certain tasks in a shift by one individual caregiver
390 anymore, but rather as a collaborative task with the aim of meeting the residents' needs and wishes.
391 For instance, in the winter, Thomas took a resident ice skating. And [the project] has assisted in that ...
392 I handled it much easier. If [the project] had not been there, possibly I would... have gone ice skating

393 with the client, but in a different way, I guess. [Name of the project] has been an eye-opener, how to
394 do this more easily. Just to spend time and energy in it; rather than only thinking about the cons, also
395 looking at the pros and what it gains. That is such a positive thing, simply looking at the client. That
396 was, in one word, fantastic (Interview, phase 4, Thomas, caregiver).

397 This quote shows how the project enabled Thomas to undertake an activity that allowed a resident to
398 continue an activity from his previous home life, that is, going ice skating on a cold winter day. Thomas
399 regarded the risks associated with ice skating as part of a 'normal' life, and concluded that he could
400 undertake this activity with the resident (see Higgins, 1989, p.164). The management of the institution
401 played an enabling role in this shift from risk avoidance to risk management: they trusted the
402 caregivers to assess the risks involved at the individual rather than collective level and, if necessary, to
403 take precautions to minimise the risks. In addition, caregivers found that their relationships with the
404 residents became more relaxed. One of the caregivers mentioned:

405 [On] Valentine's Day, several co-residents asked if I received anything from my children and husband.
406 I laughed and said 'not yet'. I very much like it that they think about this (Diary, phase 4, Catherine,
407 caregiver).

408 This relates to what Hauge and Heggen (2007) called 'golden moments' in the daily life of nursing home
409 residents, when caregivers shared experiences from their everyday lives with residents, creating a
410 special closeness. Such interactions reshape the relationships between caregivers and residents,
411 closing the gap between them and balancing power relations, making them more equal parties. This
412 development was appreciated by the caregivers, and enhanced their work pleasure.

413 *4.3 Public and private space*

414 Much of the residents' daily life was spent in a public space within Riverside, a common living room
415 which included a seating area, kitchen, dining table and terrace. The living room resembles a private
416 living room in a typical Dutch home, with a sofa, a couple of armchairs, a television, paintings, curtains,

417 some plants and a cage with a bird, the pet of one of the residents. The room has large windows that
418 provide views of the garden and terrace. During holidays, such as Easter and Christmas, the living room
419 is decorated. The kitchen also resembles a typical Dutch kitchen, although it is larger than average, and
420 the dining table and chairs are more institution- like in that they are scratch-resistant and water-
421 repellent. Outside the ward, the facility has a more institutional look: long corridors with handrails
422 along the walls, with access to individual bedrooms and windows that mainly look onto patios. Our
423 initial observations showed that the staff at Riverside made little attempt to separate themselves from
424 the daily lives of the residents socially and spatially. Spatially, not much has changed. Caregivers
425 already used a PC in the common living room for administrative purposes. The aesthetics of the
426 common areas did not change during the project, but changes were made socially and more domestic
427 tasks are now performed in the public spaces. For example, caregivers began heating up the previous
428 evening's leftovers during lunch time for the residents who enjoy the leftovers very much. This practice
429 evokes a sense of homeliness, because it reminds residents of how they used to act at home. The
430 residents are also more involved in domestic tasks in the common living room, such as cooking. A
431 caregiver commented about this in his research diary:

432 The clients like to help with the preparations for dinner: peeling potatoes, cutting or cleaning
433 vegetables, cooking the food. Also, I see that [they] enjoy the food. Clients take the time to eat their
434 dinner. They eat well, and [go back] for a second or third helping. Residents are satisfied with the food.
435 It gives clients satisfaction – that they are able to give a hand (Diary, phase 4, Thomas, caregiver).

436 These findings confirm those of a recent review by van Malderen, Mets, and Gorus (2013), who showed
437 that resident participation positively affected quality of life. From the interviews with the residents, it
438 became clear that they did not experience control over public space. Residents of the different wards
439 walk freely around Fairview, and occasionally psychogeriatric patients would get lost and enter the
440 Korsakov ward or the private rooms of the Korsakov patients, or they took personal belongings. The
441 Riverside residents experienced the presence of these patients as very disturbing, stressful and a

442 violation of their privacy. Outside the ward, the workplace, also located in Fairview, formed a different
443 public space, where residents participated in occupational therapy on weekdays. The workplace is
444 small and many of the residents are easily distracted by other residents and by staff. According to a
445 caregiver:

446 That is also what I noticed with residents, when there is unrest in the workplace, with the coming and
447 going of people, the whole time all around them [...]. They like a calm environment, and some find the
448 disturbance very unsettling (Team meeting, phase 2, Maria, caregiver).

449 Research has shown that disturbance caused by other residents negatively affects feelings of home
450 (Kane et al., 1997, Fiveash, 1998, cited by Hauge & Heggen, 2007). During the project, a new door with
451 an access code was installed, which makes it much more difficult for the other patients to enter
452 Riverside. As a result, the public areas of the Korsakov ward became quieter and were separated from
453 the public spaces of the rest of the facility. Even though the Korsakov residents still share the living
454 room with their fellow residents, it became more a place of their own, without the presence of people
455 they considered outsiders. In the words of one of the caregivers:

456 Yes, it has become more relaxed in the living room. It is more cosy, I think that people are becoming
457 more friendly, also more open (Interview, phase 4, Maria, caregiver).

458 The residents also experienced fewer interruptions during occupational therapy. Work time was
459 previously disrupted by physiotherapists, who would come into the workplace to collect residents for
460 therapy sessions. During the project, it was decided together with the physiotherapists that the
461 residents would not be disturbed during their occupational therapy, but that the physiotherapists
462 would schedule their sessions before or after work time. This intervention illustrates how disruptions
463 in public places have been diminished, and how the residents' (indirect) control over these places has
464 improved.

465 Many residents mentioned that they felt locked up within the facility. Although the residents are able
466 to move about within the facility, the Korsakov ward is part of a secured care facility, which means that
467 residents are not allowed to enter and leave the facility freely. Mr Stewart compared his living situation
468 with imprisonment, while Mr Davis described it as being in quarantine. Several residents expressed a
469 desire to go outside the facility more often. During the project, more emphasis was placed on activities
470 outside the care facility. Rather than having all activities at the terrain of the institution, a characteristic
471 of total institutions (Goffman, 1961), staff members started to shop for groceries with the residents.
472 Every week two staff members together with two residents take a van and make the trip to the
473 supermarket and the butcher's. Emma commented:

474 I believe that they will stay sharper, when you just go outside with them. That is why we stimulate
475 [them], we started to do the cooking, to do the groceries, to go to the supermarket together with the
476 clients and that you let them pay and become aware of what is for sale and what has been changed
477 (Team meeting, phase 4, Emma, caregiver).

478 We like to use this example to illustrate how interventions were implemented. The caregivers
479 discussed what they needed in order to do groceries: transportation, a bank card, a storage room, and
480 a refrigerator. For transportation, the caregivers reserved a van of the health care organisation for one
481 fixed afternoon every week. For storage, they cleaned and emptied a room that was used for other
482 purposes. However, they experienced more difficulties with the purchase of a bigger refrigerator and
483 getting a bank card, because the head of Fairview did not give permission for this at first. In the end,
484 the head of Riverside talked to the project manager, who in turn convinced the Fairview manager to
485 give permission for the purchase of the refrigerator and the use of a bank card. This example illustrates
486 the difficulties that the participants had to overcome as well as the complexity of implementing
487 interventions that involved people outside the ward.

488 Staff members found that residents behaved less as patients outside the facility:

489 I went with Mr Moore, it was [his] birthday and he wanted to buy a cake. I went with him to the HEMA
490 [Dutch retail store]. He didn't want to take his walker, he didn't want an arm because he wanted to
491 show me that he could do it independently [laughs]. That is just fantastic.... He becomes a different
492 person outside the facility (Team meeting, phase 4, Julia, caregiver).

493 The trips enabled residents to participate in everyday life outside the institutional setting, and the
494 reactions from the caregivers demonstrate that they considered this beneficial for the residents'
495 independence and self-esteem.

496 The residents have one private place: their own room. A typical room contains a bed, television and
497 comfortable chair. The majority of the residents had no problem with the small size of the room. They
498 were allowed to decorate the room according to their own wishes. Caregivers told us that some of the
499 residents were homeless before they moved into Riverside, possessing only the clothes they were
500 wearing, so it was difficult for them to make their rooms more personal and less institution-like. For
501 instance, Mr Henderson, who had not brought his own bed when he moved to Riverside, felt that the
502 bed the institution provided made his room look like a hospital room. The private rooms often
503 contained some personal possessions. Mr Edwards, for example, showed MK a clock which had
504 belonged to his parents, an example of a material connection to the past, which can provide a sense
505 of comfort. The walls of his room were also covered with paintings that he had won at the Bingo games
506 organised at the facility. These possessions encompassed events from both his past and current life.

507 The private rooms can be conceptualised as defensible spaces (see Barnes, 2002, p.784). Residents
508 were allowed to lock their doors, which gave some residents a sense of control, signified by the key
509 cord they wear around their necks and practised by including or excluding other people from their
510 room. Even in these private places, residents experienced awkward situations where their privacy was
511 at stake. For instance, they had to share a bathroom with one other resident, which resulted in a lack
512 of control around the use of the toilet. A resident might need to use the toilet when it was already in
513 use, or the noise could wake residents up during the night. Because of the clear daily structure and

514 batch treatment, the residents had little time to withdraw from the common areas to their private
515 room, which impinged on their sense of privacy and feeling of home.

516 The caregivers realised that they had established rules to enhance shared activities, because they
517 thought people would get lonely otherwise. However, in response to the lack of private space
518 experienced, the caregivers gave the residents more opportunities to withdraw from public space, for
519 example, to have dinner in their own room. Although recent studies stress the importance of social
520 connectedness for nursing home residents' quality of life (Buckley & McCarthy, 2009; Cooney et al.,
521 2014), this was not confirmed in our study. This may be related to the clinical nature of Korsakov
522 patients.

523 Our results showed how public space on a Korsakov ward can be made more private, confirming
524 findings by other authors who have discussed the fluid nature of public and private space. Nord
525 (2011a), drawing on Sommer (1969), argued that privacy can occur everywhere in a nursing home,
526 even in public space, through the creation of personal space or a 'micro-spatiality of privacy
527 surrounding a person' (p. 937). She showed how staff can support requests for personal space in public
528 by taking into account personal preferences, for example, by allowing residents personal space during
529 the meals in public spaces. Activities that are regarded as private do not always occur away from other
530 people's gaze (Solove, 2002). Nakrem et al.'s (2012) study showed that the nursing home itself is not
531 associated with home; when residents talked about 'going home' they meant their own room and not
532 the nursing home itself.

533 However, other authors argue that the public and the private should be contrasted and juxtaposed
534 rather than integrated, and that the differences between public and private space should thus be made
535 clearer and more explicit. In line with this train of thought, Young (2004, cited by Nord, 2011a)
536 discussed how personal space in residential care is exclusive to the older person's bedroom, and does
537 not extend to other spaces. Similarly, Hauge and Heggen (2007) argued that a common living room in
538 a nursing home can never facilitate privacy, because people have to share the living room with others

539 who are essentially strangers. As a result, the right to control cannot be fulfilled in this space and the
540 boundaries between the public and the private become unclear.

541 **5. Conclusion**

542 Our study have shown that Riverside is a nursing home ward that shares many elements with total
543 institutions. In this article, we have shown that it is possible to increase the home- like character of
544 such a ward through contextualised interventions. However, we have also shown how several features
545 of institutional life remained. Thus, our findings confirm the idea that home and institution are two
546 ends of a continuum, and show that nursing homes can be relatively institution-like in some ways, and
547 more home-like in others. More specifically, our study shows how elements of home can be introduced
548 to provide a much more home-like feel to an institutional setting.

549 At the start of the project, many residents did not feel at home in the Korsakov ward. This was related
550 to:

- 551 • having no autonomy and control in everyday life, mostly due to the strictly regulated daily
552 activities, the provision of care that was task- and schedule-oriented, and the organisation of group
553 rather than individual activities;
- 554 • having no privacy, because of the focus on group activities in public spaces, the disruptions
555 experienced within Riverside, the shared bathroom, and the limited opportunities to withdraw to one's
556 own room;
- 557 • the secured nature of the ward and the limited opportunities to leave the institution.

558 Riverside became more home-like through various interventions. Discussion about the everyday
559 routines and daily structure was initiated, and the caregivers began to listen more carefully to the
560 residents and to consult them about their preferences. As a result, residents felt 'heard' and
561 acknowledged. Routines were adapted to suit the residents' wishes, where possible. For example, the

562 residents still had to get up to attend occupational therapy at 10 o'clock in the morning, but they could
563 indicate what time they wanted to get up and have breakfast, rather than having the caregivers decide
564 for them. Also, the caregivers allowed the residents to withdraw from the public space and live more
565 of a private life within the existing structure. Public spaces were also made more pleasant: disruptions
566 have reduced, more domestic practices are carried out, and caregivers are present more often, which
567 contributes to a positive atmosphere and fosters interaction between residents. Finally, the caregivers
568 take residents on trips outside the facility more often, in small groups or individually, to go shopping
569 for groceries or clothes, or for recreational activities.

570 This article contributes to the academic discussions on home and (total) institutions. We have shown
571 how core values and feelings of home, can be enhanced within a secured Korsakov ward. The applied
572 interventions did not so much focus on changing the environmental aspects of the nursing home, but
573 rather on increasing the control of residents over their everyday lives. In line with Molony (2007), we
574 conclude that a sense of home in a long-term care facility is about experiencing autonomy, control,
575 choice and privacy, which can be supported by the layout of living spaces such as the ward, common
576 room and private rooms. Features of institutional life, such as a structured environment with fixed
577 routines, as well as the physical features of a nursing home ward, do not hinder such a ward from
578 becoming more home-like.

579 Through the project, caregivers began working more person-centred through an increasing focus on
580 the residents' individual needs and wishes, rather than treating them all alike (see also de Veer &
581 Kerkstra, 2001; Williams et al., 2015). Our study demonstrates how person-centred care can enhance
582 feelings of home, which confirms other findings (Brownie & Nancarrow, 2013; van Malderen et al.,
583 2013). There is not one 'optimal' way of person-centred care for nursing home residents; rather, the
584 best care is always context-dependent and may be different for everyone. This ties in with Custers et
585 al. (2012) who found that taking into account personal preferences of nursing home residents
586 increases their well-being. Thus, achieving person-centred care does require that caregivers depart

587 from routines from time to time and that the preferences of the clients are central, instead of the risks
588 associated with certain activities. Although other studies showed that this is difficult to achieve
589 (Harnett, 2010; Kontos, 1998), we found that true client-centeredness can be enabled through a
590 participatory intervention study. In such a study, it is important that health care organisations allow
591 caregivers to change their way of working in line with their own professional judgement; and that
592 caregivers are able to discuss what they like to change in their way of working. Thus, caregivers can
593 gain autonomy in their way of working and feel ownership over their work.

594 We discussed several interventions to make a nursing home setting more home-like. These
595 interventions were developed in the context of a Korsakov ward in the Northern Netherlands and we
596 see them as contextualised. When translating the interventions to different settings, socio-cultural
597 differences must be taken into account. In spite of the importance of the setting, there are three
598 general best practices that emerged from this project: (1) caregivers should give the residents a say in
599 matters that are meaningful to them, in order to enhance residents' control and autonomy, and with
600 that a sense of home;(2) building trust among caregivers and between caregivers and residents,
601 through good and open communication about the project and interventions, is essential in enhancing
602 a sense of home; and (3) caregivers have to be supported by colleagues working in other disciplines
603 within an institution, such as physiotherapists, cooks, cleaners, and managers.

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612 **References**

- 613 Allan, G., & Crow, G. (Eds.). (1989). *Home and family: Creating the domestic sphere*. London: The
614 MacMillan Press Ltd.
- 615 Barnes, S. (2002). The design of caring environments and the quality of life of older people. *Ageing &*
616 *Society*, 22, 775–789. <http://dx.doi.org/10.1017/S0144686X02008899>.
- 617 Bland, R. (1999). Independence, privacy and risk: Two contrasting approaches to residential care for
618 older people. *Ageing & Society*, 19, 539.
- 619 Bowen, G.A. (2006). Grounded theory and sensitizing concepts. *International Journal of Qualitative*
620 *Methods*, 5(3), 1–9.
- 621 Boyle, G. (2008). Autonomy in long-term care: A need, a right or a luxury? *Disability & Society*, 23(4),
622 299.
- 623 Brownie, S., & Nancarrow, S. (2013). Effects of person-centered care on residents and staff in aged-care
624 facilities: A systematic review. *Clinical Interventions in Aging*, 8, 1–10.
625 <http://dx.doi.org/10.2147/CIA.S38589>.
- 626 Buckley, C., & McCarthy, G. (2009). An exploration of social connectedness as perceived by older adults
627 in a long-term care setting in Ireland. *Geriatric Nursing*, 30, 390–396.
628 <http://dx.doi.org/10.1016/j.gerinurse.2009.09.001>.
- 629 Clark, P., & Bowling, A. (1990). Quality of everyday life in long stay institutions for the elderly. An
630 observational study of long stay hospital and nursing home care. *Social Science & Medicine*, 11,
631 1201. [http://dx.doi.org/10.1016/0277-9536\(90\)90260-Y](http://dx.doi.org/10.1016/0277-9536(90)90260-Y).
- 632 Cohen-Mansfield, J., Werner, P., Weinfeld, M., Braun, J., Kraft, G., Gerber, B., et al. (1995). Autonomy
633 for nursing home residents: The role of regulations. *Behavioral Sciences and the Law*, 13, 415–423.
634 <http://dx.doi.org/10.1002/bsl.2370130309>.

- 635 Cooney, A. (2012). 'Finding home': a grounded theory on how older people 'find home' in long-term care
636 settings. *International Journal of Older People Nursing*, 7, 188–199.
637 <http://dx.doi.org/10.1111/j.1748-3743.2011.00278.x>. Cooney, A., Dowling, M., Gannon, M.E.,
638 Dempsey, L., & Murphy, K. (2014). Exploration of the meaning of connectedness for older people
639 in long-term care in the context of their quality of life: A review and commentary.
640 *International Journal of Older People Nursing*, 192–199. <http://dx.doi.org/10.1111/opn.12017>.
- 641 Custers, A.F.J., Westerhof, G.J., Kuin, Y., Gerritsen, D.L., & Riksen-Walraven, J.M. (2012). Relatedness,
642 autonomy, and competence in the caring relationship: The perspective of nursing home residents.
643 *Journal of Aging Studies*, 26, 319–326. <http://dx.doi.org/10.1016/j.jaging.2012.02.005>.
- 644 Cutchin, M.P., Owen, S.V., & Chang, P.F.J. (2003). Becoming "at home" in assisted living residences:
645 Exploring place integration processes. *Journal of Gerontology*, 58B(4), S234–S243.
646 <http://dx.doi.org/10.1093/geronb/58.4.S234>.
- 647 de Veer, A.J.E., & Kerkstra, A. (2001). Feeling at home in nursing homes. *Issues and Innovations in*
648 *Nursing Practice*, 35(3), 427. <http://dx.doi.org/10.1046/j.1365-2648.2001.01858.x>.
- 649 Dyck, I., Kontos, P., Angus, J., & McKeever, P. (2005). The home as a site for long-term care: Meanings
650 and management of bodies and spaces. *Health & Place*, 11, 173–185.
651 <http://dx.doi.org/10.1016/j.healthplace.2004.06.001>.
- 652 Gillsjo, C., Schwartz-Barcott, D., & Von Post, I. (2011). Home: The place the older adult can not imagine
653 living without. *BMC Geriatrics*, 11(10). <http://dx.doi.org/10.1186/1471-2318-11-10>.
- 654 Goffman, E. (1961). *Asylums: Essays on the social situation of mental patients and other inmates*. New
655 York: Doubleday and Sons.

- 656 Granbom, M., Himmelsback, I., Haak, M., Löfqvist, C., Oswald, F., & Iwarsson, S. (2014). Residential
657 normalcy and environmental experiences of very old people: Changes in residential reasoning over
658 time. *Journal of Aging Studies*, 29, 9–19. <http://dx.doi.org/10.1016/j.jaging.2013.12.005>.
- 659 Gubrium, J.F. (1997). *Living and dying and Murray Manor*. Charlottesville: University Press of Virginia.
- 660 Harnett, T. (2010). Seeking exemptions from nursing home routines: Residents' everyday influence
661 attempts and institutional order. *Journal of Aging Studies*, 24, 292–301.
662 <http://dx.doi.org/10.1016/j.jaging.2010.08.001>.
- 663 Hauge, S., & Heggen, K. (2007). The nursing home as a home: A field study of residents' daily life in the
664 common living rooms. *Journal of Clinical Nursing*, 17(4), 460–467.
665 <http://dx.doi.org/10.1111/j.1365-2702.2007.02031.x>.
- 666 Higgins, J. (1989). Homes and institutions. In G. Allan, & G. Crow (Eds.), *Home and family: Creating the*
667 *domestic sphere* (pp. 159–173). Basingstoke, UK: Palgrave Macmillan.
- 668 Johnson, J., Rolph, S., & Smith, R. (2010). *Residential care transformed: Revisiting 'the last refuge'*.
669 Basingstoke, UK: Palgrave Macmillan.
- 670 Kamerbrief over langer zelfstandig wonen [Letter to parliament on independent living]. Retrieved from
671 [http://www.rijksoverheid.nl/documenten-en-publicaties/kamerstukken/2014/06/04/kamerbrief-](http://www.rijksoverheid.nl/documenten-en-publicaties/kamerstukken/2014/06/04/kamerbrief-over-langer-zelfstandig-wonen.html)
672 [over-langer-zelfstandig-wonen.html](http://www.rijksoverheid.nl/documenten-en-publicaties/kamerstukken/2014/06/04/kamerbrief-over-langer-zelfstandig-wonen.html)(2014, June).
- 673 Kasser, V.G., & Ryan, R.M. (1999). The relation of psychological needs for autonomy and relatedness to
674 vitality, well-being and mortality in a nursing home. *Journal of Applied Social Psychology*, 29(5),
675 935–954. <http://dx.doi.org/10.1111/j.1559-1816.1999.tb00133.x>.
- 676 Kenniscentrum, Korsakov (2014). *Leven met korsakov [life with korsakov]*. Retrieved from
677 <http://www.korsakovkenniscentrum.nl>

- 678 Kindon, S. (2010). Participatory action research. In I. Hay (Ed.), *Qualitative methods in human geography*
679 (pp. 259–277) (3rd ed.). Don Mills: Oxford University Press.
- 680 Kontos, P.C. (1998). Resisting institutionalization: Constructing old age and negotiating home. *Journal of*
681 *Aging Studies*, 12(2), 167–180. [http://dx.doi.org/10.1016/S0890-4065\(98\)90013-5](http://dx.doi.org/10.1016/S0890-4065(98)90013-5).
- 682 Kopelman, M.D., Thomson, A.D., Guerrini, I., & Marshall, E.J. (2009). The korsakoff syndrome: Clinical
683 aspects, psychology and treatment. *Alcohol & Alcoholism*, 44(2), 148–154.
684 <http://dx.doi.org/10.1093/alcalc/agn118>.
- 685 Miller, S.C., Looze, J., Shiled, R., Clark, M.A., Lepore, M., Tyler, D., et al. (2013). Culture change practice
686 in U.S. nursing homes: Prevalence and variation by state medicaid reimbursement policies. *The*
687 *Gerontologist*, 54(3), 434–445. <http://dx.doi.org/10.1093/geront/gnt020>.
- 688 Molony, S.L. (2007). Psychometric testing of an instrument to measure the experience of home.
689 *Research in Nursing & Health*, 30, 518–530. <http://dx.doi.org/10.1002/nur.20210>.
- 690 Nakrem, S., Vinsnes, A.G., Harkless, G.E., Paulsen, B., & Seim, A. (2012). Ambiguities: Residents'
691 experience of 'nursing home as my home'. *International Journal of Older People Nursing*, 8(3), 216–
692 225. <http://dx.doi.org/10.1111/j.1748-3743.2012.00320.x>.
- 693 Nord, C. (2011a). Architectural space as a moulding factor of care practices and resident privacy in
694 assisted living. *Ageing & Society*, 31, 934–952. <http://dx.doi.org/10.1017/S0144686X10001248>.
- 695 Nord, C. (2011b). Individual care and personal space in assisted living in Sweden. *Health & Place*, 17, 50–
696 56. <http://dx.doi.org/10.1016/j.healthplace.2010.02.008>.
- 697 O'Dwyer, C. (2013). Official conceptualizations of person-centered care: which person counts? *Journal*
698 *of Ageing Studies*, 27, 233–242. <http://dx.doi.org/10.1016/j.ageing.2013.03.003>.
- 699 Peace, S., Kellaher, L., & Willcocks, D. (1997). *Re-evaluating residential care*. Buckingham: Open
700 University Press.

- 701 Persson, T., & Wasterfors, D. (2009). "Such trivial matters:" how staff account for restrictions of
702 residents' influence in nursing homes. *Journal of Aging Studies*, 23, 1–11.
703 <http://dx.doi.org/10.1016/j.jaging.2007.09.005>.
- 704 Ragsdale, V., & Mcdougall, G.J. (2008). The changing face of long-term care: Looking at the past decade.
705 *Issues in Mental Health Nursing*, 29, 992. [http:// dx.doi.org/10.1080/01612840802274818](http://dx.doi.org/10.1080/01612840802274818).
- 706 Rechavi, T.B. (2009). A room for living: Private and public aspects in the experience of the living room.
707 *Journal of Environmental Psychology*, 29(1), 133–143.
708 <http://dx.doi.org/10.1016/j.jenvp.2008.05.001>.
- 709 Shin, J. (2014). Making home in the age of globalization: A comparative analysis of elderly homes in the
710 U.S. and Korea. *Journal of Environmental Psychology*, 37, 80–93.
711 <http://dx.doi.org/10.1016/j.jenvp.2013.12.001>.
- 712 Sixsmith, J., Sixsmith, A., Fänge, A., Naumann, D., Kucsera, C., Tomsone, S., et al. (2014). Healthy ageing
713 and home: The perspective of very old people in five European countries. *Social Science & Medicine*,
714 106, 1–9. <http://dx.doi.org/10.1016/j.socscimed.2014.01.006>.
- 715 Solove, D.J. (2002). Conceptualising privacy. *California Law Review*, 90(4), 1088–1155.
- 716 Sommer, R. (1969). *Personal space: The behavioral basis of design*. Englewood Cliffs, New Jersey:
717 Prentice-Hall.
- 718 Stabell, A., Eide, H., Solheim, G.A., Solberg, K.N., & Rustoen, T. (2004). Nursing home residents'
719 dependence and independence. *Journal of Clinical Nursing*, 13, 677–686.
720 <http://dx.doi.org/10.1111/j.1365-2702.2004.00942.x>.
- 721 Strauss, A., & Corbin, J. (1998). *Basics of qualitative research. Techniques and procedures for developing*
722 *grounded theory (2nd Edn.)*. Thousand Oaks: Sage.
- 723 Thomas, K.S., Hyer, K., Castle, N.G., Branch, L.G., Andel, R., & Weech-Maldonado,

- 724 R. (2012). Patient safety culture and the association with safe resident care in nursing homes. The
725 Gerontologist, 52(6), 802–811. <http://dx.doi.org/10.1093/geront/gns007>.
- 726 Thornberg, R. (2012). Informed grounded theory. Scandinavian Journal of Educational Research, 56(3),
727 243–259. <http://dx.doi.org/10.1080/00313831.2011.581686>.
- 728 Townsend, P. (1962). The last refuge: A survey of residential institutions and homes for the aged in
729 England and Wales. London: Routledge and Kegan Paul.
- 730 Ulsperger, J.S., & Knottnerus, J.D. (2008). The social dynamics of elder care: Rituals of bureaucracy and
731 physical neglect in nursing homes. Sociological Spectrum, 28(4), 357–388.
732 <http://dx.doi.org/10.1080/02732170801898422>.
- 733 van der Horst, H. (2004). Living in a reception centre: The search for home in an institutional setting.
734 Housing, Theory and Society, 21, 36–46. <http://dx.doi.org/10.1080/14036090410026806>.
- 735 van Malderen, L., Mets, T., & Gorus, E. (2013). Interventions to enhance the quality of life of older people
736 in residential long-term care: A systematic review. Ageing Research Reviews, 12, 141–150.
737 <http://dx.doi.org/10.1016/j.arr.2012.03.007>.
- 738 Wadensten, B. (2007). Life satisfaction and daily life in a nursing home as described by nursing home
739 residents in Sweden. International Journal of Older People Nursing, 2, 180–188.
740 <http://dx.doi.org/10.1111/j.1748-3743.2007.00067.x>.
- 741 Wilkinson, T.J., Kiata, L.J., Peri, K., Robinson, E.M., & Kerse, N.M. (2011). Quality of life for older people
742 in residential care is related to connectedness, willingness to enter care, and co-residents.
743 Australasian Journal of Ageing, 31, 52–55. <http://dx.doi.org/10.1111/j.1741-6612.2010.00503.x>.
- 744 Willcocks, D.M., Peace, S.M., & Kellaheer, L.A. (1987). Private lives in public places. London: Tavistok.

745 Williams, J., Hadjistavropoulos, T., Ghandehari, O. O., Yao, X., & Lix, L. (2015). An evaluation of a person-
746 centred care programme for long-term care facilities. *Ageing & Society*, 35(3), 457–488.
747 <http://dx.doi.org/10.1017/S0144686X13000743>.