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Author(s): Salminen, Hanna; von Bonsdorff, Monika E.; McPhee, Deborah; Heilmann, Pia

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The extended late career phase – examining senior nursing professionals

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The extended late career phase – examining senior nursing professionals

Purpose: By relying on sustainable career perspective and recent studies on senior employees' late career phase, this study examines senior (50+) nurses' late career narratives in the context of extending retirement age. Given the current global nursing shortage, there is a pressing need to find ways on how to promote longer and sustainable careers in the healthcare field. Yet, there is limited knowledge about the extended late career phase of senior nurses.

Design/methodology/approach: Empirical data were derived from 22 interviews collected among senior (50+) nursing professionals working in a Finnish university hospital. The qualitative interview data was analysed utilizing a narrative analysis method. As a result of the narrative analysis, four career narratives were constructed.

Findings: The findings demonstrated that senior nurses' late career narratives differed in terms of late career aspirations, constraints, mobility and active agency of one's own career. The identified career narratives indicate that the building blocks of sustainable late careers in the context of extending retirement age are diverse.

Originality: So far, few studies have investigated the extended late career phase of senior employees in the context of a changing career landscape.

Research limitations: The qualitative interview data was restricted to senior nurses working in one university hospital. Interviews were conducted on site and some nurses were called away leaving some of the interviews shorter than expected.

Practical implications: To support sustainable late careers requires that attention be based on the whole career ecosystem covering individual, organizational and societal aspects and how they are intertwined together.

Keywords: late career, nurses, senior, sustainable career, retirement reform, Finland

Introduction

As workforces in many countries are aging, the slowing down of workforce growth is leading to labour shortages in certain areas in the long run. This development has been especially evident in some labour-intensive sectors, such as healthcare, where staff shortages are highlighted as a current problem in several countries (The Organisation for Economic Co-operation and Development (OECD), 2019a). One way to address this shortage is by prolonging work careers. Recently, many of the OECD countries have introduced pension reforms and a subsequent increase in pension eligibility ages (OECD, 2019b). For example, because of recent retirement reforms in Finland, there has been a slight positive trend in terms of an increased retirement age. In 2017, the average retirement age was 61.2. Similarly, the number of senior Finnish individuals participating in working life is slowly growing (Finnish Centre for Pensions, 2018). Still, the labour market participation among senior employees in Finland is lower compared to other Nordic countries (Riekhoff and Järnefelt, 2017).

While individuals' careers are extended due to the increasing retirement age, they are also becoming more unpredictable, fragmented, and multidirectional than ever before (Baruch and Rousseau, 2019). Thus, along with societal and organizational level actions to extend the late career phase of senior employees (Veth *et al.*, 2018), it is equally important to understand the ways in which senior employees themselves experience prolonging the late phase of their careers. Although, there are several studies on the changing nature of careers, there is limited theoretical knowledge about the building blocks of a sustainable and successful late career phase in the context of prolonging working life (De Vos and Van der Heijden, 2017; Hennekam, 2015; Kooij, 2015; Zacher, 2015). Thus, a nuanced understanding regarding the late career phase of senior employees and transition to retirement is needed (Ferraro *et al.*, 2018; Prahash *et al.*, 2019).

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3 It has been argued that prolonging the late career phase demands resilience, continuous
4 learning, and active agency of one's own career from senior employees (De Vos and Van der
5 Heijden, 2017; Salminen, von Bonsdorff and von Bonsdorff, 2019). However, during the late
6 career phase, senior employees may face several challenges such as decreasing physical
7 health and fluid cognitive abilities, such as information processing (e.g. Salthouse, 2012).
8 Prolonging the late career phase can be particularly challenging for senior employees in
9 certain fields and jobs, which are physically burdensome by nature (Riekhoff and Järnefelt,
10 2017). Thus, physical work may pose a concrete barrier to work later in life (Beehr, Glazer,
11 Nielson, and Farmer, 2000; Prakash *et al.*, 2019; Schlosser, Zinni, and Armstrong-Stassen,
12 2012). For example, senior nursing professionals face both physical and psychological
13 demands at work (Clendon and Walker, 2016). Given the current global nursing shortage,
14 there is a pressing need to find ways on how to promote longer and sustainable careers in the
15 healthcare field (Merkel *et al.*, 2019; Price and Reicher, 2017). For healthcare organizations,
16 it is of the utmost importance to understand how they can support an extended late career
17 phase of their senior nursing professionals. So far, however, there is little knowledge about
18 nurses' needs and expectations during the late career phase (Price and Reichert, 2017).
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40 The objective of this study is to take an individual level perspective and explore senior
41 (aged 50+) nursing professionals' late career narratives in the context of prolonging the late
42 career phase. Theoretically, this inquiry relies on new career theories and especially a
43 sustainable career model. Empirically, this study relies on qualitative interview data collected
44 among senior nursing professionals aged 50+, defined as 'senior employees', because labour
45 market participation traditionally decreases from age 50 onward (see e.g. OECD, 2006). This
46 threshold has also been commonly used in previous studies focusing on senior nursing
47 professionals (see e.g. Clendon and Walker, 2016) as well as other senior employees (Prakash
48 *et al.*, 2019).
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3 Data for this study was collected among 22 senior Finnish nursing professionals in
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5 December 2016. This coincides with the latest retirement reform, which came into act at the
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7 beginning of 2017 in Finland (Pension Reform, 2017), less than a month after the interviews
8
9 were conducted. Because of the reform, the official retirement age was raised - a change
10
11 which concerned many of the studied senior nursing professionals. From 2017 onward, the
12
13 retirement age in Finland increases by three months per year until it reaches 65 years.
14
15 Furthermore, for those born in 1965 or later, the retirement age is determined by their life
16
17 expectancy (OECD, 2019b). This is significant especially for those employees, such as
18
19 nursing professionals, whose work is both mentally and physically demanding. Continuing to
20
21 work many years longer than their planned retirement age may prove to be impossible. In
22
23 fact, the positive connection between poor mental and physical health and early retirement
24
25 intentions has been widely documented (Sejbaek, Nexø and Borg, 2012; Topa, Depolo, and
26
27 Alcover, 2019; von Bonsdorff *et. al.* 2010a). As such, the retirement reform provides an
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29 interesting context for this study.
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35 This study contributes to previous studies in the following ways. First, this research
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37 inquiry investigates the diverse late career experiences and trajectories in the context of an
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39 extended late career phase, which has thus far received little attention (Duberley and
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41 Carmichael, 2016). Further, the research on the changing nature of careers has primarily
42
43 focused on younger generations, leaving the opportunity to refocus on how the changing and
44
45 prolonging of careers are perceived by senior employees (De Vos & Segers, 2013; Salminen
46
47 and von Bonsdorff, 2017), where much less is currently known. Moreover, senior employees
48
49 have often been studied as passive objects of organizational practices and less attention has
50
51 been given to their active agency in terms of managing their own careers during the late
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53 career phase (Kooij, 2015). By relying on the concept of a sustainable career, this study aims
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55 to further the understanding of the building blocks of sustainable careers in the context of an
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3 extended late career phase (cf. De Vos and Van der Heijden, 2017, Kooij, 2015). Second,
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5 quantitative approaches have been the dominant methodology employed in studies related to
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7 senior employees' late career and transition into retirement (Riekhoff and Järnefelt, 2017;
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9 Schlosser *et. al.*, 2012; Veth *et. al.*, 2018). This study employs a narrative approach for
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11 analysing the qualitative interview data and provides nuanced understandings of diverse late
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13 career trajectories in the context of an extended late career phase. Finally, the Finnish pension
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15 reform which came into place in the beginning of 2017 acts as an interesting contextual
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17 element in this study.
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22 This paper is organized as follows. After the introduction, new career models and the
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24 sustainable career model are discussed in relation to an extended late career phase. Next, a
25
26 description of the data collection, main characteristics of the informants and the narrative
27
28 analysing process will be discussed. In the results section, the four career narratives
29
30 constructed from the analysis are presented. In the discussion and conclusion, the main
31
32 findings are discussed relative to the theoretical framework and previous studies. The paper
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34 ends with practical implications, limitations, and suggestions for future research.
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40 **Theoretical framework**

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42 Changes in the labour market and in society influence contemporary careers and employees
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44 at different career phases (De Vos and Van der Heijden, 2017; Veth *et al.*, 2018). As a result
45
46 of societal-level changes such as retirement reforms, globalization and technological changes
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48 (e.g. digitalization), careers are not only changing and becoming longer, but are also
49
50 becoming more unpredictable, non-linear and unique (Baruch and Rousseau, 2019). In
51
52 traditional career models, careers are often illustrated as a steady and linear movement inside
53
54 one organization representing an organizational career (Clarke, 2013). Similarly, the late
55
56 career phase in traditional career theories (e.g. Super, 1980) is usually characterized as a
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1
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3 gradual decline ending at retirement (Lytle *et al.*, 2015). However, over the years, the
4
5 traditional view of careers as a linear and unbreakable path from graduation to retirement has
6
7 been replaced by more diverse views of careers (Clarke, 2013; De Vos and Van der Heijden,
8
9 2017). This means that instead of a gradual decline and withdrawal from working life, a late
10
11 career phase can include new and diverse career movements (Lytle *et al.*, 2015; Veth *et al.*,
12
13 2018; Wang and Schultz, 2010). Thus, the transition from work to retirement is getting
14
15 blurrier than before (Salminen and von Bonsdorff, 2017). For example, there is a growing
16
17 tendency to return to work after being retired (Kojola and Moen, 2016; Schlosser *et al.*,
18
19 2012). So-called bridge employment refers to all kinds of work after retirement including
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21 part-time, full-time and temporary work (Feldman and Beehr, 2011; Veth *et al.*, 2018).
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23 Bridge employment can be defined as a flexible work arrangement whereby bridge
24
25 employees have an ongoing (i.e. non-temporary) relationship with the pre-retirement
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27 organization, or as contingent bridge employment where employees have a temporary work
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29 arrangement with their former or another organization (Mariappanadar, 2013; Schlosser *et*
30
31 *al.*, 2012).
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38 The changing career landscape has resulted in several new career models, such as
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40 boundaryless career (Arthur, 1994), protean career (Hall, 2004), and Kaleidoscope career
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42 (Mainiero and Sullivan, 2005). Each of these new career models provides a particular
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44 viewpoint on how careers have recently changed or are changing (Salminen and von
45
46 Bonsdorff, 2017). For example, a boundaryless career underlines career mobility (Arthur,
47
48 1994) including physical movements inside and outside organizational boundaries, but also
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50 psychological mobility is related to mobility referring to individuals' abilities for career
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52 movements (Clarke, 2013). Whereas, a protean career is illustrated as a career, in which an
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54 individual can reshape his or her competencies and skills as a means to remain employable
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56 (Clarke, 2013). The protean career highlights an individual's adaptability and active agency
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2
3 of one's own career (Hall, 2004). A Kaleidoscope career, on the other hand, underlines an
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5 individual's constant search during his/her career for a balance between work and non-work
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7 demands (Cohen *et al.*, 2009; Mainiero and Sullivan, 2005). Each of these career concepts
8
9 focuses on specific elements needed from individuals to survive and thrive under the new
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11 career landscape (Salminen and von Bonsdorff, 2017). In particular, they underscore the
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13 importance of employability throughout the career as well as the increasing responsibility of
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15 individuals for managing their own careers compared to traditional, organizational careers
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17 (Clarke, 2013; Kooij, 2015).
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22 The new career models have also received some criticism. For example, it has been
23
24 argued that traditional, organizational careers still exist along with the new career models
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26 (Clarke, 2013). Furthermore, there are only a few studies which have investigated the new
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28 career models from the late career perspective (Salminen and von Bonsdorff, 2017). Also,
29
30 minor attention has been given to the dark side of new careers (Baruch and Rousseau, 2019).
31
32 For example, there can be several individual factors, such as deteriorating health, low career
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34 capital and unemployment, which may inhibit individuals' abilities for career movements,
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36 active agency of one's career or the possibilities to find a balance between work and non-
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38 work demands (Kooij, 2015; Salminen & von Bonsdorff, 2017; Tempest and Coupland,
39
40 2016). Furthermore, there can be organizational and societal level factors, such as age-related
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42 stereotypes and age discrimination which can inhibit career mobility during the late career
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44 phase (Ferraro *et al.*, 2018). Consequently, a more holistic perspective on changing careers
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46 and on the interconnections between individual, organizational and societal level is needed
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48 (Baruch and Rousseau, 2019).
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54 Recently, a sustainable career model has been introduced (Baruch and Rousseau, 2019;
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56 De Vos and Van der Heijden, 2017; McDonald and Hite, 2018). It stresses the importance of
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58 safeguarding and developing human capital at the individual, organizational and societal level
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3 over time and thereby fosters continuity (De Vos and Van der Heijden, 2017). According to
4
5 this model, individual careers should be understood as a part of a larger career ecosystem (De
6
7 Vos and Van der Heijden, 2017). For example, Baruch and Rousseau (2019, p. 92) have
8
9 defined career ecosystem as “*a social system of employment and career-related development*
10
11 *and opportunity that emerges from interdependencies among actors or entities, including*
12
13 *individuals, networks, firms, and social institutions*”. The sustainable career model
14
15 acknowledges that there are different top-down and bottom-up processes which shape
16
17 individual careers (Baruch and Rousseau, 2019). Retirement reform is one example of a top-
18
19 down process which has a direct impact on senior employees’ late career phase. Whereas, in
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21 a bottom-up process, the career ecosystem is developed by individuals, who evaluate and
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23 modify their connections to the career ecosystem through legal and psychological contracts
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25 (Baruch and Rousseau, 2019).
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31 Conceptually, the sustainable career shares some similar elements with the boundaryless,
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33 protean and Kaleidoscope career models (De Vos & Van der Heijden, 2017; McDonald and
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35 Hite, 2018). For example, McDonald and Hite’s (2018, p. 350) definition for the sustainable
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37 career states: “*the variety of paid and unpaid work experiences that provide continual growth*
38
39 *and renewal and that intersect multiple life contexts resulting in meaning and well-being for*
40
41 *individuals over time.*” In accordance with the boundaryless career, sustainable career
42
43 highlights career movements across different types of context (De Vos and van der Heijden,
44
45 2017). In line with protean career, sustainable career emphasizes that careers are driven by the
46
47 person rather than by the organization. However, the sustainable career model acknowledges
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49 that there can be vulnerable groups, which may not have adequate career competencies to
50
51 manage one’s own career (De Vos and Van der Heijden, 2017). Similar to the Kaleidoscope
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53 career, the sustainable career also emphasizes career choices that meets one’s personal needs,
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55 allows work and family life to be successfully combined, and promotes the continuous
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3 development of skills and competencies and a sufficient feeling of security and continuity in
4 the labour market throughout one's career (De Vos and Van der Heijden, 2017; McDonald and
5 Hite, 2018).
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10 In the context of an extended late career phase and successful ageing at work, a
11 sustainable career relates to individuals' abilities to preserve their resources and thereby their
12 ability to maintain health, motivation and workability (Kooij, 2015). Several key
13 characteristics have been associated with sustainable careers (De Vos and Van der Heijden,
14 2017; Kooij, 2015; McDonald and Hite, 2018). McDonald and Hite (2018) have identified
15 longevity, resilience, interdependency and social justice as essential elements of sustainable
16 careers. Longevity refers to career longevity and acknowledges individuals' needs to work
17 later in life (McDonald and Hite, 2018). However, during the late career phase, individual
18 differences in career capital and abilities to respond to career changes are likely to influence
19 individuals' abilities to continue working (Tempest and Coupland, 2016).
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33 Resilience describes an individual's ability to bounce back from adversities faced
34 during one's career (McDonald and Hite, 2018). An extended late career phase may entail
35 different adversities, such as career plateau, ageism and unemployment (Salminen and von
36 Bonsdorff, 2017). Furthermore, work-related hardships can occur along with non-work-
37 related hardships such as illness or death of a loved one (Salminen et al., 2019). For example,
38 the study by Salminen et al. (2019) showed that adversities (such as health problems, death of
39 a family member) were rather common among senior nursing professionals and the level of
40 resilience was positively related to their intentions to continue working until their official
41 retirement age and even beyond.
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54 Interdependency as an element of sustainable career, highlights the influence of
55 multiple work and non-work-related elements on an individual's career (McDonald and Hite,
56 2018). For example, during a late career phase, there are not only a number of diverse factors,
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3 such as physical health, financial needs and family responsibilities, but there is also the
4
5 attractiveness of leisure time which is likely to have an impact on senior employees' late
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7 career decisions, such as bridge employment (Beehr and Bennett, 2015; Schlosser *et al.*,
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9 2012; Wang and Schultz, 2010). There can also be gender differences in late career paths and
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11 retirement intentions (Duberley and Carmichael, 2016; Foster and Walker, 2013; August,
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13 2011).
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17 Finally, the social justice element of sustainable careers stresses the need for a more
18
19 inclusive organizational and societal culture as a means to cultivate sustainable careers
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21 (McDonald and Hite, 2018). Along with pension reforms and other societal level actions,
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23 prevailing attitudes, norms and perceptions regarding ageing and prolonging working careers
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25 at the societal level can influence organizational practices that influence on older employees'
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27 late careers (Rudman, 2015; Salminen *et al.*, 2018). Age-sensitive and inclusive
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29 organizational practices and career opportunities can be considered especially important in
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31 the context of an extended late career phase, because senior employees may encounter a
32
33 career plateau and ageism during their late career (Salminen and von Bonsdorff, 2017).
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35 Together, individual, organizational and societal factors form intertwined combinations,
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37 which are likely to produce diverse late career paths (Kojola and Moen, 2016).
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43 Promotion of sustainable careers is particularly timely in the healthcare field, where
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45 mid-and late-career nursing professionals form a major cohort of the nursing workforce
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47 (Price and Reichert, 2017). Due to a global shortage of nursing professionals (Armstrong-
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49 Stassen *et al.*, 2015), several studies have investigated organizational practices, such as
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51 human resource management (HRM), (Salminen *et al.*, 2019) as well as nurse managers' role
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53 in retaining senior nursing professionals for as long as possible (Armstrong-Stassen *et al.*,
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55 2015). Further, there is evidence that certain HRM practices, such as training and
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57 development opportunities are important across career phases, which highlights the
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3 significance for professional growth also during the late career phase (Price and Reichert,
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5 2017). Additionally, studies have found that senior nursing professionals' value flexible work
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7 arrangements, such as reduced working hours, control over schedules, job sharing and shift
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9 selection during the late career phase (Clendon and Walker, 2016; Kojala and Moen, 2016).
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11 However, there are few studies which have examined the changing landscape of older nursing
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13 professionals and their active agency during an extended late career phase.
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19 **Data collection and analysis**

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21 As a career can be defined as sequences of a person's work experiences over time (Arthur *et*
22
23 *al.*, 1989), narratives can be considered significant for making sense of individual careers
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25 (Bujold 2004, Cohen and Mallon 2001). In this study, qualitative data was collected among
26
27 senior nursing professionals by interviewing 22 senior (aged 50+), registered nursing
28
29 professionals in December 2016. All interviewees worked in a large university hospital in
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31 Finland. There are 15 central hospitals, as well as five (5) university hospitals in Finland
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33 (Keskimäki *et al.*, 2019) where the most demanding treatments are completed. Permission to
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35 conduct this study was received from the hospital's ethics committee. An invitation was sent
36
37 by e-mail by the hospital's HR department to all senior registered nursing professionals
38
39 working at the hospital. The nursing professionals who were willing to participate in the
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41 study were asked to contact the researcher directly by e-mail. The interviews were semi-
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43 structured and conducted in person, except for one interview, which was conducted by phone.
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49 The age of the interviewees varied from 50 to 64. The mean age of the interviewees
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51 was 56 years. One of the interviewees had already retired and returned to work with a short-
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53 term contract. Another one was retiring during the interview process. The age-range can be
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55 justified by the notion that nurses work experiences and career expectations are seen to be
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57 related more on the career stage than on their chronological age (Price and Reichert, 2017).
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3 Furthermore, as individuals age, the increased variation between the levels of work ability,
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5 for example (Ilmarinen, 2009), may be reflected in the diverse career paths we typically find
6
7 in the late stages of work careers. The interviewees worked in different medical care units in
8
9 four different locations. They represented diverse wards covering intensive care, internal
10
11 medicine, radiology, surgery, endocrinology, urology, cardiac, psychiatry, and neonatal
12
13 intensive care unit. Five of the interviewed nursing professionals were male. In 2017, over 90
14
15 per cent of the nursing professionals were female and less than 10 per cent male in Finland
16
17 (Statistics Finland, 2017).
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22 The semi-structured interviews covered four broad themes: 1) career history, 2)
23
24 transition into retirement, 3) challenges related to late career phase and, 4) learning and
25
26 development. First, the senior nursing professionals were asked to describe their career
27
28 history from their graduation to the current phase. Second, interviewees' feelings, thoughts,
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30 plans and expectations regarding retirement were probed. Third, interviewees were asked to
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32 reflect on what kind of factors enabled or hindered their abilities to continue working at a
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34 senior age. The fourth theme focused on changes in the current job, needs for continuous
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36 learning and opportunities to develop oneself.
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41 The length of the interviews varied from 16 to 60 minutes (Table 1) and were
42
43 conducted on the hospital premises in a confidential area. The nurses were able to participate
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45 in the interview during working hours, resulting in some nurses having less time than others
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47 to be interviewed due to busy schedules. Content-wise there was not a great difference
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49 between shorter and longer interviews. This might be explained by the fact that the nurses
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51 who were interested in participating in the study were provided with detailed information
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53 about the content of the interviews prior to the interviews. To protect the identity of the
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55 interviewees, we have provided a pseudonym in our narrative, noting their respective age.
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3 Saturation had been achieved after about 15 interviews. Saturation is defined as
4 reaching that point of diminishing returns where the interviews add nothing new to the
5 understanding of the subject (Glaser & Strauss, 1967). Having the additional interviews
6 further confirmed the results, allowing for a richer analysis. All interviews were tape-
7 recorded with the assurance of confidentiality. After the interview process, the tape-recorded
8 interviews were transcribed verbatim. The interviews were conducted in Finnish. The
9 preliminary analysis was made in Finnish and materials used for the in-depth analysis were
10 translated into English.
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22 *[insert Table 1 around here]*
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24 In this study, a narrative study approach was adapted for the purpose of analysing the
25 qualitative data. Narratives are a central form of knowledge by which individuals give
26 meaning to their actions (Bruner 1986; Polkinghorne 1988). Furthermore, careers are often
27 expressed by using metaphors and stories (Inkson, 2004). Stories like late career narratives,
28 are not only interesting because of the content, but also because they convey emotions and
29 meanings (Hyde, 2008). Narratives illustrate how individuals make sense of the world in
30 which they live (Souto-Manning, 2014). Furthermore, a narrative study approach highlights
31 contextuality (Josselson, 2011) and a retrospective reflection (Freeman, 2015). In other
32 words, human experience has a crucial narrative dimension, and it is organized along a
33 temporal, sequential order of “first this, then that”, “befores and afters” (see Czarniawska,
34 2004; Schütze, 1987, p. 15). The narrative study approach can also be justified by the fact
35 that narratives can be used as a tool in sense-making of lived experiences (Casey *et al.*,
36 2016), because it enables the researchers an opportunity to uncover, for example, meanings
37 and characterizations that would be otherwise remain unexplored (Hyde, 2008). For example,
38 recently, a narrative analysis in a health care context was used in a study by Hahn *et al.*,
39 (2021) when they examined joy and meaning of nurse managers’ work. Therefore, the
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3 narrative study approach enables researchers to uncover the nuances of the complex career
4
5 landscape which influenced and shaped senior nursing professionals' late career phase in
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7 previous studies (Kojola and Moen, 2016).
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10 Narrative research can be carried out in different ways (Eriksson and Kovalainen,
11
12 2016). For example, Polkhorne (1995) distinguishes between analysis of narratives and
13
14 narrative analysis (see Eriksson and Kovalainen, 2016). The former concerns the analysis of
15
16 collected stories, whereas the latter refers to analysing data in a way that one or more
17
18 narratives is formed based on the analysing process (Eriksson and Kovalainen, 2016). In this
19
20 study, the latter approach was chosen. Narrative analysis as a process includes: 1) overall
21
22 reading of the data, 2) multiple readings from different perspectives and components, 3)
23
24 iterative reading and, 4) conversation with theoretical literature (Josselson, 2011). At the
25
26 heart of narrative analysis is how to interpret stories, and more specifically, the texts that tell
27
28 the stories (Patton 2002, p. 118). The narrative analysis requires 'creativity and
29
30 craftsmanship' (Tengblad *et al.*, 2005).
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35 According to Riesmann (1993; 2004), a narrative analysis can focus on the content,
36
37 structure, interaction or performative aspects of the narratives (Eriksson and Kovalainen,
38
39 2016, p. 222). This study focused on the content of the narratives, in other words, "*what is*
40
41 *told*" (see Eriksson and Kovalainen, 2016, p. 222; Riesmann, 2004) was the focus of the
42
43 analysis instead of how the narrative is told or the dialogue between an interviewee and the
44
45 researcher (Riesmann, 2004). The purpose was to concentrate on nurses' late career
46
47 experiences in the context of delayed retirement age. The analysis started by carefully reading
48
49 the transcribed narratives several times over to become familiar with the interview data.
50
51 Notes were also made during the review. The thematic approach to the narrative analysis was
52
53 adapted so that we could categorize the different late career experiences. These narratives
54
55 were contrasted against the theoretical pre-understanding regarding senior employees' late
56
57
58
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1
2
3 career phase and changing nature of careers. In addition, attention was paid on the main
4
5 differences and similarities of the late career narratives. Several iterations of the analysis took
6
7 place to identify the main elements of different late career narratives. Two researchers
8
9 independently reviewed the narratives and met on three separate occasions to arrive at a
10
11 consensus on the overarching narratives. As a result of this analysis, four narratives were
12
13 constructed: 1) “*struggle with finding a balance*”, 2) “*flexible work arrangements*”, 3) “*to the*
14
15 *end*” and 4) “*unleashing the full potential*”. The iterative nature of the analysis process,
16
17 achieved over time, resulted in producing a nuanced understanding of the late career phase
18
19 among senior nursing professionals.
20
21
22

23 24 **Findings**

25
26 Each of the four narratives found in our analysis are discussed in turn below.

27 28 **“Struggle with finding a balance”**

29
30 In the first late career narrative, deteriorating health and workability framed the late career
31
32 narrative. There was a constant struggle to find a balance with deteriorating individual
33
34 resources and work demands. For example, one nursing professional had experienced several
35
36 health problems in recent years due to poor indoor air in her workplace. Her deteriorating
37
38 health had resulted in her questioning whether or not she would be able to continue working
39
40 full-time until the official retirement age: “*I have struggled a lot with whether I should save*
41
42 *myself... I really enjoy working here... but my health is at stake...*”, ‘Miranda, 54’.
43
44

45
46 Further, working full-time until official state-sanctioned retirement was often considered
47
48 difficult due to health-related problems. The constant struggle with deteriorating work ability
49
50 complicated the late career phase for some of the senior nursing professionals and forced
51
52 them to find alternative ways to continue working. For example, ‘Rose, 61’, had applied for a
53
54 partial old-age pension so she could cope with the multiple health-related problems, which
55
56
57
58
59
60

1
2
3 emerged in a short period of time: *Everything [illnesses] hit at once... and it felt like*
4
5 *everything falls on [my shoulders]. Now, I have applied for a partial old-age pension....*
6
7

8 Another issue of finding balance was that the transition from work to retirement was
9
10 mainly seen as a relief of the constant burden at work. There was an obvious disappointment
11
12 regarding extending the retirement age, as noted by 'Theresa, 56': "*Well, of course I waited*
13
14 *for [the retirement] and I wish that the retirement age will not be raised anymore*". In this
15
16 career narrative, possibilities for a lightened workload during the late career phase, for
17
18 example, in the form of part-time work, were often desired among the senior nursing
19
20 professionals.
21
22

23
24 In some cases, the struggle with health problems and deteriorating workability were
25
26 worsened by other hardships, such as a death of a family member or caregiving
27
28 responsibilities to immediate family members. For example, another nurse just entering
29
30 retirement, had confronted several, non-work-related adversities during their late career
31
32 phase. But she had also experienced a great joy of her newly born grandchild. These non-
33
34 work-related factors had influenced her decision to work part-time before her actual
35
36 retirement:
37
38

39
40 *There were many overlapping issues... and then I felt totally exhausted. It felt*
41
42 *that... I need to have a break, and I told a doctor that I will not return to work*
43
44 *before I feel that I can again confront a patient which needs me...I was already at*
45
46 *that age, that I thought that I will not return to a full-time job... and then there was*
47
48 *the grandchild and I felt that I have enough resources for my private life, that I*
49
50 *want to also have my private life. It [part-time job] was a good solution for me.*
51
52

53 'Olga, 64'

54
55
56 Another nurse, taking a career break in the form of a sabbatical leave, achieved relief
57
58 from stressful work that enabled her to devote time and energy for her grandchild:
59
60

1
2
3 *These problems [here] with indoor air have been tremendous. And last summer ...*
4
5 *my daughter-in-law asked if it is possible for me to take time off from work and take*
6
7 *care of the grandchildren... It was what I had been dreaming about... I took a year*
8
9 *off from work...It felt so good [having sabbatical].... I felt myself refreshed [after*
10
11 *the sabbatical]. ‘Miranda, 54’*
12
13

14
15 Along with non-work-related hardships, there were also work-related factors such as
16
17 constant changes at work which were seen to complicate the extended late career phase. For
18
19 example, a nurse described the situation in the following way:
20
21

22 *I have to say that it is perhaps hard to find work motivating ...the work itself is*
23
24 *challenging... and there are dozens of heavy lifts to be performed several times of*
25
26 *day... so I feel that I am not able to work full-time until the retirement age.*
27
28 *‘Theresa, 56’*
29
30

31 Another example of work-related hardship is short-term, temporary contracts, which
32
33 overshadowed one senior nursing professional’s career narrative. For ‘Linda, 57’, short-term,
34
35 temporary contracts together with health-related problems had resulted in career insecurity as
36
37 she was forced to move from one organization to another causing an extra burden on her
38
39 career: “...they [temporary contracts] were short, one following another...I have always had
40
41 to search for a job... it has been a necessity”.
42
43
44

45 An accumulation of setbacks, such as health problems, a divorce, a death of a loved one
46
47 or difficulties in one’s own work characterized some of these late career narratives where the
48
49 nurses struggled to find a balance. Some of the hardships experienced made it difficult to
50
51 continue full-time work during the late career stage. Due to the adversities experienced
52
53 during the late career phase, many of the senior nurses had actively searched for ways to ease
54
55 their burden and find balance. For them, a part-time job, a sabbatical leave or an early
56
57 retirement were ways to handle the adversities and struggles during the late career phase.
58
59
60

1
2
3 Furthermore, positive aspects outside the work context, such as grandchildren and freedom
4 from work demands and constant changes at work acted as a pull factor towards retirement.
5
6

7
8 ***“Flexible work arrangements”***
9

10 Work-related factors framed the second late career narrative. Both positive (such as content
11 of the work, flexible work arrangements, good work community and supervisory support) and
12 negative (such as heavy workload, fast tempo and workplace bullying) work-related factors
13 characterized senior nursing professionals’ late career narratives. The motive to continue
14 working until retirement age was closely related to the characteristics of one’s own work. For
15 example, the positive work atmosphere was considered to be a motivator during the late
16 career stage. Furthermore, confidence in one’s own competencies as well as the competence
17 of the colleagues provided meaningfulness and feeling of empowerment among the senior
18 nurses. For example, a male nurse describes his thoughts in the following way:
19
20
21
22
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29

30
31 *Well, this is a good workplace and [we have] a big, competent work community...*

32
33 *It is an empowering issue. And then the work is, from the most part, meaningful...*

34
35 *But, from time to time, the workload is tremendous as well as the flow of patients.*

36
37
38 ‘Hans, 59’
39

40 The senior nursing professionals representing this career narrative felt that an extended
41 late career phase was largely contingent upon the policies of their employer. They also felt
42 that the delayed retirement age was not currently given enough consideration by the
43 employer. They posited that the organisation was not prepared enough for the growing
44 number of senior nursing professionals who would require flexible work arrangements to
45 allow them the ability to continue working until the official retirement age. Senior nursing
46 professionals representing this career narrative perceived that the organization is responsible
47 for taking into consideration the needs of an aging workforce:
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2
3 *...there is [so much] ageing employees, and their workload needs to be lightened.*

4
5
6 *Who is going to do that work...? ‘Violet, 57’*

7
8 *Those [managerial practices] should be reciprocal, conversational...Some [senior*
9
10 *nursing professionals] are healthier and some not that healthy, but when one ages,*
11
12 *and if you have done shift work for 30 years, it is a long time. There will be*
13
14 *problems with health... ‘Betty, 54’*

15
16
17 Although the senior nurses had not yet experienced major health problems, they
18
19 perceived that over the coming years they were going to need some work adjustments so that
20
21 they could continue to work until the official retirement age. For example, ‘Sara, 53’, was
22
23 worried that the organisation may not provide enough possibilities for a flexible work
24
25 arrangement during the final years of her career: “*...it has not been thought [of at the*
26
27 *organization] ... if I have to change my job and do something else, because I will not be able*
28
29 *to cope with my old job. A more sustainable career should be found.*”
30
31

32
33 In this narrative grouping, the senior nursing professionals actively utilized the existing
34
35 HR practices available to promote their workability. For example, several organisational
36
37 practices were considered to improve their abilities to continue working until the official
38
39 retirement age. There were already some flexible work arrangements in use at the workplace,
40
41 which enabled them to adjust their resources with the work demands. Examples of these
42
43 flexible work arrangements were a timebank and an autonomy in scheduling shifts:
44
45

46
47 *One good thing is that I take part in the organizations’ timebank...I have always*
48
49 *one holiday week [in the timebank] ... so I can take one day off if there are*
50
51 *enough people at work... It is a good way to help you continue to work.*

52
53 ‘Dorothy, 56’

54
55 *...we have autonomy in terms of scheduling our shifts, so you are able to*
56
57 *influence your own shifts..... for me, mornings are difficult, because I have joint*
58
59
60

1
2
3 *pain and stiffness.... So, I prefer doing evening and night shifts,...it fits well to*
4
5 *my current situation. 'Nathalia, 55'*

6
7
8 *Now I do two shifts. I stopped the night shifts approximately five years ago.*
9
10 *[Because] I could not no longer recover from the night shifts and I was not my*
11
12 *best anymore in the night shifts. 'Violet, 57'*

13
14
15 Senior nursing professionals appeared to look for organizational practices which would
16
17 bring flexibility to the late career phase and increase their ability to continue working until
18
19 the official retirement age.

20 21 ***"To the end"***

22
23
24 Cautious intentions to continue working until the official retirement age and beyond
25
26 characterized the third late career narrative. For example, one of the male nursing
27
28 professionals had decided to return to work after being retired for a short time, and he had
29
30 prudent intentions to continue the bridge employment: *...I think always half a year ahead and*
31
32 *then I evaluate [whether or not to continue bridge employment], that is wise to do. 'Gabriel,*
33
34 *61'.*

35
36
37 In this narrative grouping, the extended late career phase was not considered
38
39 problematic and the senior nursing professionals felt that their own physical and
40
41 psychological abilities allowed them to continue working until the official retirement age. For
42
43 instance, 'Whesley, 52', was irritated by the negative discourses in his workplace regarding
44
45 the extended late career phase: *"Some people yearn for... retirement. I am sick and tired of*
46
47 *that... I have joked that I will be here as long as I can..."*

48
49
50 Although, the senior nurses in this narrative had firm intentions to continue working
51
52 until the official retirement age, they also acknowledged that deteriorating health may cause
53
54 problems during their late career phase. One senior nurse contemplated how the possible
55
56 changes in physical and mental resources may affect her ability to continue working:
57
58
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60

1
2
3 *Well, yes, I have thought about it whether I am able [to continue working until*
4 *retirement age]... because our work is physically very hard. And in our work,*
5 *also attentiveness, sensitivity and meticulousness are required... So, am I able*
6 *to be attentive and meticulous enough and how is my memory going to function,*
7 *for example. So, I have pondered those kinds of things. 'Emily, 54'*

8
9
10
11
12
13
14
15 In contrast to the first and second narrative groupings, these 'to the end' narratives
16
17 gather together those narratives where senior nurses shared that they did not have any work-
18
19 related obstacles or difficulties. For example, Kathy (57) felt that her current career phase
20
21 was rather easy, because her personal life did not include any major burdens such as having
22
23 to provide caregiving to immediate family members:

24
25
26 *Well, the family-related issues need to be in shape [in order to be able to*
27 *continue working until retirement age]... [now] everything is going well with my*
28 *son and my husband. And my parents are still alive... And me and my siblings*
29 *visit them [parents] in turn. 'Kathy, 57'*

30
31
32
33
34
35 Also, some of our interviewees noted that work-related issues, such as the content of
36
37 the work, work environment or managerial practices were not considered particularly
38
39 problematic in terms of continuing to work until retirement age. Some of the nurses had
40
41 confided in us about one particular problem at their workplace. Bullying was raised as an
42
43 important organizational issue; some senior nurses chose to 'alienate' themselves from such
44
45 negative practices, as a way to safeguard their mental health. Wesley, 52, for example,
46
47 maintained that he had actively tried to avoid being in the "inner circle" of negative events at
48
49 the workplace.

50
51
52
53
54 Despite our interviewees' abilities and willingness to continue working until retirement
55
56 age, intentions and plans regarding the final years of their careers in nursing were dealt with
57
58 cautiously in this narrative grouping. For instance, there was no great interest towards making
59
60

1
2
3 job changes or prospecting new career opportunities among these senior nursing
4
5 professionals even though the finiteness of the working career was acknowledged. As noted
6
7 by Amelia, 55: *“When you think 10 years back, three years is nothing, it is a short time, but*
8
9 *when you think 10 years forwards...you just need to keep up with the constant [hurry]...”*.

12 Furthermore, some of the interviewees emphasized that they were happy with their
13
14 career and its trajectory. For example, Emily, 54 described how she had been satisfied in her
15
16 career under the same employer. She indicates, *“I have loved this work so much and I have*
17
18 *not felt it [studying further] necessary”*.

21 ***“Unleashing the full potential”***

23 The fourth and final career narrative grouping resembled new possibilities and opportunities
24
25 during the late career phase. For instance, one of the nursing professionals dreamt about
26
27 entrepreneurship during the final years of his career. Continuous learning and a strong sense
28
29 of professional competence characterized his career narrative:

32
33 *I feel that my professional competence has become stronger so much that I am*
34
35 *confident that I can do my work well... and I have also lots of responsibilities. I*
36
37 *attend training also all the time... It is a signal for me that I can handle my*
38
39 *work... ‘Frans, 59’*

42 The senior nursing professionals representing this career narrative did not feel major
43
44 challenges in their work ability. They were motivated and engaged with their work and
45
46 working after retirement was considered one option among others. This sentiment is
47
48 expressed by ‘Paul, 50’: *“I like working and I have worked since a young age, so I don’t have*
49
50 *anything against it [bridge employment]...”*. Work-related issues, such as technological
51
52 changes were perceived by some as a challenge. ‘Jane, 57’, described her response to
53
54 technological changes in the following way: *“You just have to jump on board, and I have*
55
56 *done that...”*.

1
2
3 Active agency in one's own career and a search for new experiences were evident in
4
5 this career narrative. Consequently, senior nurses felt that the late career phase provides
6
7 meaningful career experiences. Ines, '56', had worked for a long time as a nurse, but she had
8
9 also earned another degree from a totally different field and she was actively trying to find
10
11 ways to fulfil her potential during her late career phase:
12
13

14
15 *Well, my official retirement age is 64, because I was born in the 1960s. But I*
16
17 *don't really think about my retirement age... I think that during the final years*
18
19 *at work, I can do something meaningful for myself and others. I could use my*
20
21 *strengths and feel enthusiasm and joy of the work that I do.... 'Ines, 56'*
22
23

24 Even mobility over organizational boundaries was viewed as a possible option during
25
26 the late career phase:
27

28
29 *I get easily excited about new things. I sometimes wonder, is this [the job] I*
30
31 *really want to do? Is there something else? Should I study more? ...I still wonder*
32
33 *what I could do in the future, because there is still over 10 years of work before*
34
35 *retirement. 'Cecilia, 53'*
36
37

38 Some obstacles were seen to hamper career progress to be able to achieve their
39
40 potential. For example, ageism in the labour market was considered one obstacle:
41

42
43 *After the age of 40, it is much harder to get a job, especially a permanent job...*
44
45 *Inside this house [hospital] there are some [job] opportunities...but outside, I*
46
47 *have tried a few times, there were 30 to 50 other applicants each time, and I was*
48
49 *in the top three every time...but I did not get the job.... 'Frans, 59'*
50
51

52 Possibilities for new career movements inside and outside organizational boundaries as
53
54 well as active agency of one's own career characterized this particular career narrative.
55
56

57 58 Discussion 59 60

1
2
3 Less is known about the extended late career phase under the new career landscape that
4
5 includes changing careers and other similar models (Kooij, 2015; Salminen and von
6
7 Bonsdorff, 2017). This study answered the call to take a nuanced and detailed focus on the
8
9 late career phase and transition into retirement among senior employees (Ferraro *et al.*, 2018;
10
11 Lytle *et al.*, 2015). We investigated senior nursing professionals' late career narratives in the
12
13 context of the extended late career phase in Finland. Four late career narratives were
14
15 constructed by means of the narrative analyses process. In these career narratives, the
16
17 different aspects of the career ecosystem, such as organizational practices as well as the
18
19 changing individual resources and individual aspirations were intertwined together resulting
20
21 in diverse understanding of late career paths in nursing.
22
23
24
25

26 The first late career narrative highlighted personal constraints. Notably, deteriorating
27
28 health hampered some senior nursing professionals' abilities to continue working until their
29
30 postponed official retirement age. In this career narrative, we also found that earlier career
31
32 setbacks and family issues intertwined and influenced late careers. The findings of this study
33
34 reinforce suppositions noted by Feldman and Beehr (2011) that senior employees evaluate
35
36 their work experiences, personal resources and their aspirations when they plan the transition
37
38 into retirement. Our results are also in line with the study by Duberley and Charmichael
39
40 (2016), who also found that cumulative life experiences, both positive and negative,
41
42 influenced senior nurses' expectations towards retirement.
43
44
45
46

47 Longing for flexibility characterized the second narrative grouping. Insufficient
48
49 organizational practices were seen as a possible risk to prolonging the late career phase. From
50
51 the perspective of sustainable careers, it seems that there are older nursing professionals who
52
53 feel there are not enough elements in their organization which would have supported their
54
55 opportunities for flexibility and preparing for changes during the late career phase (cf.
56
57 McDonald and Hite, 2018). At the same time, existing HRM practices, such as a time bank
58
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1
2
3 and autonomy in scheduling own shifts, were in active use for some and were considered
4
5 useful tools to ease and maintain workability during the late career phase. In line with
6
7 previous studies (Clendon and Walker, 2016; Kojala and Moen, 2016; Prakash *et al.*, 2019),
8
9 flexible work arrangements, such as reduced working hours, control over schedules, job-
10
11 sharing and shift selection are significant factors influencing senior employees' extended late
12
13 career phase and timing of retirement.
14
15

16
17 In the third career narrative, the late career intentions were somewhat prudent and in
18
19 flux, providing support for previous studies (e.g. Kojala and Moen, 2016). However, there
20
21 was also a demonstration of resilience and determination to continue working until the
22
23 official retirement age. There is some evidence from previous studies that supports the notion
24
25 that resilience is positively related to senior nurses' intentions to continue working until the
26
27 official retirement age (Salminen *et al.*, 2019). In this career narrative, the need for
28
29 organizational practices to support an extended late career phase was not deemed to be as
30
31 important compared to the second narrative grouping. Also, there were also some active
32
33 attempts to avoid negative aspects of the work, such as workplace bullying. In the healthcare
34
35 field, workplace bullying is rather common (Mortensen *et al.*, 2018) and may act as push
36
37 factor for early retirement. It may also speak to the resilience of nurses as previously
38
39 mentioned.
40
41
42
43

44
45 In the fourth career narrative, the late career phase was characterised by active agency
46
47 of individuals. For some, the late career phase was seen to offer new career opportunities and
48
49 prospects leading us to the conclusion that the fourth career narrative resembled most of the
50
51 new career concepts, such as sustainable career (De Vos and Van der Heijden, 2017).
52
53 Similarly, Duberley and Charmichael (2016) in their study identified a group of senior female
54
55 employees called 'enabled', who demonstrated active agency in terms of managing their own
56
57 late career choices. However, although the late career stage was seen as a potential phase for
58
59
60

1
2
3 personal growth and career renewal (Wang and Shi, 2014), it was also acknowledged that
4
5 societal and organizational factors, such as age discrimination, can hamper one's career
6
7 progression during the late career phase (Hennekam, 2015).
8
9

10 11 12 ***Practical Implications*** 13

14 Due to the ageing workforce and delayed or abolished retirement age, there will be a growing
15
16 number of senior employees in the labour market in the future. Thus, the number of senior
17
18 employees working in many organizations will increase. Consequently, organizations need to
19
20 put more effort than before to find ways to safeguard their human capital and retain their
21
22 senior employees (De Vos and Van der Heijden, 2017). The findings of this study indicate
23
24 that some senior employees, working in physically demanding jobs, are likely to benefit from
25
26 flexible work arrangements such as reduced number of shift work, the use of time bank and
27
28 shorter working hours. However, there are also senior employees who do not feel a need for
29
30 age sensitive HRM practices during the late career phase. For some senior employees, an
31
32 extended late career can mean a flourishing career phase. For them, opportunities for career
33
34 advancement and career renewal can act as push factor for continuing to work until
35
36 retirement age and even beyond. Hence, for HR professionals and managers, it is important to
37
38 understand the diverse late career aspirations among senior employees as well as the longer
39
40 career trajectories behind senior employees' late career intentions and decisions.
41
42
43
44
45

46 47 ***Limitations and suggestions for future research*** 48

49 This study relied on qualitative interview data collected among senior, mainly female,
50
51 nursing professionals in Finland. The number of the interviews limits the generalisation of the
52
53 results.
54

55
56 Due to busy schedules, and interviews on site, some nurses were pulled away from our
57
58 interviews, with the potential loss of information. Lengthier interviews could have possibly
59
60

1
2
3 resulted in a more detailed and nuanced data. Consideration for interviews away from
4
5 nurses' immediate work area would be recommended.
6

7
8 Possible gender differences were not analysed in this study. Thus, investigating the
9
10 diverse late career path of senior female and male nursing professionals provides an
11
12 interesting avenue for future studies.
13

14
15 Finally, the data for this study was collected before the COVID-19 pandemic. During
16
17 the pandemic, the healthcare sector and nursing professionals were under great pressure.
18
19 Thus, investigating the career narratives of senior nursing professionals after the pandemic
20
21 and how it may have changed their thoughts regarding the extended late career phase could
22
23 provide an interesting avenue for future studies. This would provide an opportunity to
24
25 conduct a longitudinal study with the same participants.
26
27
28
29

30 31 **Conclusion**

32
33 In conclusion, the findings and our analysis indicate that the building blocks of
34
35 sustainable late careers in the context of prolonging working life are diverse (De Vos and
36
37 Van der Heijden, 2017; Hennekam, 2015; Zacher, 2015). The extended late career is shaped
38
39 by multiple aspects of the multi-level career ecosystem (Baruch and Rousseau, 2019). In
40
41 Finland, the extended late career phase is a result of top-down measures aiming at narrowing
42
43 the sustainability gap caused by the ageing population. From the voices of individual nurses
44
45 heard through the narrative themes, the extended late career phase requires resources to
46
47 maintain their workability and employability during the final years of their careers.
48
49 Healthcare organizations, on the other hand, need to find ways to navigate through budgetary
50
51 constraints and the increasing need for healthcare services due to the ageing population. At
52
53 the same time, the nursing shortage is worsening due to the aging of senior nurses and the
54
55 occupational turnover of younger nurses (Ensio et al., 2019). Human resources management,
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1
2
3 as an organizational resource, has an instrumental role to play in this respect through their
4
5 practices aimed at an extended late career phase. Due to the increasing cohorts of mid- and
6
7 late-career nursing professionals (Price and Reichert, 2017), a detailed understanding of this
8
9 complex career ecosystem is required to ensure support and to safeguard sustainable careers
10
11 in the context of an extended working life of this valuable health care resource.
12
13

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26

27 **References**

- 28
29 Armstrong-Stassen, M., Freeman, M., Cameron, S., and Rajacich, D. (2015), "Nurse
30
31 managers' role in older nurses' intention to stay", *Journal of Health Organization and
32
33 Management*, Vol. 29, No. 1, pp. 55–74.
34
35 Arthur, M. B., Hall, D. T., and Lawrence, B. S. (1989), Generating new directions in career
36
37 theory: The case for a transdisciplinary approach. In M. B. Arthur, D. T. Hall & B. S.
38
39 Lawrence (Eds.), *Handbook of career theory* (pp. 7–25), Cambridge: Cambridge
40
41 University Press.
42
43 Arthur, M.B. (1994), "The boundaryless career: A new perspective for organizational
44
45 inquiry", *Journal of Organizational Behavior*, Vol. 15 No 4, pp. 295–306.
46
47 August, R.A. (2011), "Women's later life career development: Looking through the lens of
48
49 the Kaleidoscope career model", *Journal of Career Development*, Vol. 38 No 3, pp.
50
51 208–236.
52
53 Baruch, Y. and Rousseau, D.M. (2019), "Integrating psychological contracts and ecosystems
54
55 in career studies and management", *Academy of Management Annals*, Vol. 13, No 1,
56
57 pp. 84–111.
58
59 Beehr, T., Glazer, S., Nielson, N., and Farmer, S. (2000), "Work and nonwork
60
predictors of employees' retirement ages", *Journal of Vocational Behavior*, Vol.
57, pp. 206-225.
Beehr, T.A. and Bennett, M.M. (2015), "Working after retirement: features of bridge
employment and resource directions", *Work, Aging and Retirement*, Vol. 1 No 1, pp.
112–128.
Bruner, J. (1986), "Actual minds, possible worlds", Cambridge, MA: Harvard University
Press.
Bujold, C. (2004). "Constructing career through narrative", *Journal of Vocational Behavior*,
64 (3), 470–484.
Czarniawska, B. (2004). *Narratives in social science research*. Thousand Oaks, CA: Sage.

- 1
2
3 Casey, B., Proudfoot D., and Corbally, M. (2016), "Narrative in Nursing Research: An
4 Overview of Three Approaches", *Journal of Advanced Nursing*. Vol.72 No 5, pp.
5 1203-1215.
- 6
7 Clarke, M. (2013), "The Organizational Career: Not Dead but in Need of Redefinition", *The*
8 *International Journal of Human Resource Management*, 24 (4): 684–703.
- 9
10 Clendon, J. and Walker, L. (2016), "Nurses aged 50 and their perceptions of flexible
11 working", *Journal of Nursing Management*, Vol. 24, pp. 336–346.
- 12
13 Cohen, L. and Mallon, M. (2001), "My brilliant career? Using stories as a methodological
14 tool in careers research", *International Studies of Management and Organization*, Vol.
15 31 No 3, pp. 48–68.
- 16
17 Cohen, L., Duberley J., and Musson G. (2009), "Work–Life Balance? An Autoethnographic
18 Exploration of Everyday Home–Work Dynamics", *Journal of Management Inquiry*,
19 Vol. 18 No 3, pp. 229-241.
- 20
21 De Vos, A. and Segers, J. (2013), "Self-directed career attitude and retirement intentions",
22 *Career Development International*, Vol. 18 No 2, pp. 155–172.
- 23
24 De Vos, A. and Van der Heijden, B.I.J.M. (2017), "Current thinking on contemporary
25 careers: the key roles of sustainable HRM and sustainability of careers", *Current*
26 *Opinion in Environmental Sustainability*, Vol. 20, pp. 41–50.
- 27
28 Duberley, J. and Carmichael, F. (2016), "Career pathways into retirement in the UK: Linking
29 older women's pasts to the present", *Gender, Work and Organizations*, Vol. 23, No 6,
30 pp. 582–599.
- 31
32 Ensio, A., Lammintakanen, J., Härkönen, M., & Kinnunen, J. 2019. Finland. In A.M
33 Rafferty, R. Busse, B. Zander-Jentsch, W. Sermeus, & L. Bruyneel (Eds.)
34 *Strengthening health systems through nursing: Evidence from 14 European countries*.
35 Health Policy Series No 52.
36 [http://www.euro.who.int/en/publications/abstracts/strengthening-health-systems-](http://www.euro.who.int/en/publications/abstracts/strengthening-health-systems-through-nursing-evidence-from-14-european-countries-2019)
37 [through-nursing-evidence-from-14-european-countries-2019 /](http://www.euro.who.int/en/publications/abstracts/strengthening-health-systems-through-nursing-evidence-from-14-european-countries-2019) Accessed September 21,
38 2019.
- 39
40 Erikson, P. and Kovalainen, A. (2016), "*Qualitative methods in business research*", 2nd
41 Edition. London: SAGE Publications Ltd.
- 42
43 Feldman, D.C. and Beehr, T.A. (2011), "A three-phase model of retirement decision
44 making", *American Psychologist*, Vol. 66 No 3, pp. 193–203.
- 45
46 Ferraro, H. S., Prussia, G. and Mehrotra, S. (2018), "The impact of age norms on career
47 transition intentions", *The Career Development International*, Vol. 23 No 2, pp. 212–
48 229.
- 49
50 Finnish Centre for Pensions. (2018). "Effective retirement age slightly higher in 2017".
51 <https://www.etk.fi/en/tiedote/effective-retirement-age-slightly-higher-in-2017/>
52 Accessed June 2nd, 2020.
- 53
54 Foster, L. and Walker, A. (2013), "Gender and active ageing in Europe", *European Journal*
55 *of Aging*, Vol. 10 No 1, pp. 3–10.
- 56
57 Freeman M. (2015), "Narrative as a Mode of Understanding Method, Theory, Praxis." In A.
58 De Fina & A. Georgakopoulou (eds), *The Handbook of Narrative Analysis*, John Wiley
59 & Sons, pp. 21-37.
- 60
61 Glaser, B.G. and Strauss, A.L. (1967), "*The Discovery of Grounded Theory: Strategies for*
62 *Qualitative Research*". Chicago: Aldine; 1967.
- 63
64 Hahn J., Galuska L., Polifroni E. C. and Dunnack H. (2021). Joy and Meaning in Nurse
65 Manager Practice: A Narrative Analysis. *The Journal of Nursing Administration*,
66 Vol.51, No. 1, pp. 38-42.
- 67
68 Hall, D.T. (2004), "The Protean Career: A Quarter-century Journey", *Journal of Vocational*
69 *Behavior*, Vol. 65 No 1, pp. 1–13.

- 1
2
3 Heilmann, P. (2017), "Age management in organisations. The perspective of middle-aged
4 employees." In I. Aaltio, A.J. Mills & J.H. Mills (eds), *Ageing, organisations and*
5 *management. Constructive discourses and critical perspectives*. Cham: Palgrave
6 McMillan, pp. 141–157.
- 7
8 Hennekam, S. (2015), "Career success of older workers: the influence of social skills and
9 continuous learning ability", *Journal of Management Development*, Vol. 34 No 9, pp.
10 1113–1133.
- 11
12 Hyde P. (2008), "Working with stories: diverse tales of organizational life", *Qualitative*
13 *Research in Organizations and Management*, Vol. 3 No 2, pp. 147–158.
- 14
15 Ilmarinen J. (2009), "Work ability—a comprehensive concept for occupational health
16 research and prevention". *Scan J Work Environ Health*, Vol. 1, pp. 1-5.
- 17
18 Inkson, K. (2004), "Images of career: Nine key metaphors", *Journal of Vocational Behavior*,
19 Vol. 65, pp. 96–111.
- 20
21 Josselson, R. (2011), Narrative Research Constructing, Deconstructing and Reconstructing
22 Story. In: Wertz, F. J., Charmaz, K., McMullen, L. M., Josselson, R., Anderson, R. &
23 McSpadden, E. (eds.) *Five Ways of Doing Qualitative Analysis: Phenomenological*
24 *Psychology, Grounded Theory, Discourse Analysis, Narrative Research, and Intuitive*
25 *Inquiry*. New York: Guilford Press. 224-242.
- 26
27 Keskimäki, I., Tynkkynen, L.K., Reissell, E., Koivusalo, M., Syrjä, V., Vuorenkoski, L.,
28 Rechel, B. & Karanikolos, M. (2019), Finland: Health system review. *Health Systems*
29 *in Transition*, 21(2): 1–166.
- 30
31 Kojola, E. and Moen, P. (2016), "No more lock-step retirement: Boomers' shifting meanings
32 of work and retirement", *Journal of Aging Studies*, Vol. 36, pp. 59–70.
- 33
34 Kooij, D. T. A. M. (2015), "Successful Aging at Work: The Active Role of Employees",
35 *Work, Aging and Retirement*, Vol. 1, No. 4, pp. 309–319.
36 <https://doi.org/10.1093/workar/wav018>
- 37
38 Lytle M.C, Foley, P.F. and Cotter, E.W. (2015), "Career and Retirement Theories: Relevance
39 for Older Workers Across Cultures", *Journal of Career Development*, Vol. 42 No. 3,
40 pp. 185–198.
- 41
42 Mainiero, L.A., and Sullivan, S.E. (2005), "Kaleidoscope Careers: An Alternative
43 Explanation for the "Opt-out" Revolution", *Academy of Management Executive*, Vol.
44 19, No 1, pp. 106–123.
- 45
46 Mariappanadar, S. (2013), "Do retirement anxieties determine bridge employment
47 preference? A study among pre-retirees in the Australian construction industry",
48 *Personnel Review*, Vol. 42 No 2, pp. 176–204.
- 49
50 McDonald, K.S. and Hite, L. M. (2018). "Conceptualizing and Creating Sustainable
51 Careers." *Human Resource Development Review*, Vol. 17, No. 4, pp. 349-372.
52 [doi:10.1177/1534484318796318](https://doi.org/10.1177/1534484318796318)
- 53
54 Merkel, S., Ruokolainen, M. & Holman, D. (2019). Challenges and practices in promoting
55 (ageing) employees working career in the health care sector – case studies from
56 Germany, Finland and the UK. *BMC Health Services Research*, Vol 19, p. 918.
- 57
58 Mortensen, M. & Baarts, C.A. (2018). Killing ourselves with laughter ...mapping the
59 interplay of organizational teasing and workplace bullying in hospital work life.
60 *Qualitative Research in Organizations and Management: An International Journal*,
Vol. 13 No. 1, pp. 10–31.
- 61
62 OECD (2019a), "Health at a Glance 2019: OECD Indicators", OECD Publishing, Paris.
63 <https://doi.org/10.1787/4dd50c09-en> / Accessed June 2nd, 2020.
- 64
65 OECD (2019b), "Pensions at a Glance 2019: *OECD and G20 Indicators*, OECD Publishing,
66 Paris, <https://doi.org/10.1787/b6d3dcfc-en>. / Accessed June 2nd, 2020.

- 1
2
3 OECD (2006), “Live longer, Work longer”, OECD, Paris. http://www.keepeek.com/Digital-Asset-Management/oecd/employment/live-longer-work-longer_9789264035881-en#page1 / Accessed June 2nd, 2020.
- 4
5
6
7 Official Statistics of Finland. (2017). “Employment. Industry, employer sector and jobs 2017,
8
9
10
11
12 1. Ten most common occupational groups of employed persons, employed women and
employed men in 2017 compared to 2012”. Helsinki: Statistics Finland.
http://www.stat.fi/til/tyokay/2017/04/tyokay_2017_04_2019-11-01_kat_001_en.html/
13
14
15 / Accessed May 25th, 2020.
- 16 Patton, M.Q. 2002. *Qualitative research & evaluation methods*. Thousand Oaks, CA: Sage.
- 17 Pension reform. (2017), [https://www.etk.fi/wp-content/uploads/pension-reform-2017-](https://www.etk.fi/wp-content/uploads/pension-reform-2017-booklet.pdf)
18
19
20
21
22 [booklet.pdf](https://www.etk.fi/wp-content/uploads/pension-reform-2017-booklet.pdf) / Accessed June 2nd, 2020.
- 23 Polkinghorne, D.E. (1988), “Narrative knowing and the human sciences”, Albany, NY: State
24
25
26
27
28
29
30
31
32
33
34
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56
57
58
59
60
University of New York Press.
- Prakash, K.C., Oakman, J., Nygård, C-H., Siukola, A. Lumme-Sandt, K., Nikander, P. &
Neupane, S. (2019), Intention to retire in employees over 50 years. What is the role of
work ability and work life satisfaction? *International Journal of Environmental
Resources and Public Health*, Vol. 16, 2500.
- Price, S. and Reichert, C. (2017), “The importance of continuing professional development to
career satisfaction and patient care: meeting the needs of novice to mid- to late-career
nurses throughout their career span”, *Administrative Sciences*, Vol. 7, No. 17,
doi:10.3390/admsci7020017
- Riekhoff, A-J. and Järnefelt, N. (2017), “Gender differences in retirement in a welfare state
with high female labour market participation and competing exit pathways”, *European
Sociological Review*, Vol. 33 No 6, pp. 791–808.
- Riessman, C.K. (1993), “Narrative analysis. *Qualitative research methods*”. Volume 30. Newbury Park: Sage.
- Riessman, C.K. (2004), “Narrative interviewing”. In M.S. Lewis-Beck, A. Bryman & T.
Futing Liao. *The SAGE Encyclopedia of social science research methods, Volume 2*.
Thousand Oaks: Sage, pp. 709–710. <http://dx.doi.org/10.4135/9781412950589.n611/>
/ Accessed January 8th, 2019.
- Rudman. D.L. (2015), “Embodying positive aging and neoliberal rationality: Talking about
the aging body within narratives of retirement”, *Journal of Aging Studies*, Vol. 34,
August, pp. 10-20.
- Salminen, H., von Bonsdorff, M.B., and von Bonsdorff, M.E. (2019), “Investigating the links
between resilience, perceived HRM practices, and retirement intentions”. *Evidence-
based HRM: A Global Forum for Empirical Scholarship*, Vol. 7 No. 1, pp. 75–92.
- Salminen, H. and von Bonsdorff, M.E. (2017), “Late career and retirement in the context of
changing careers”. In I. Aaltio, J.H. Mills & A.J. Mills (eds.) *Ageing, organisations and
management: Constructive discourses and critical perspectives*. Cham: Palgrave
Macmillan, pp. 89–111.
- Salthouse, T. A. (2012), “Consequences of age-related cognitive declines”, *Annual Review of
Psychology*, Vol. 63, pp. 201–226.
- Schlosser, F., Zinni, D., and Armstrong-Stassen, M. (2012), “Intention to Unretire: HR and
the boomerang effect”, *Career Development International*, Vol. 17 No. 2, pp. 149–167.
- Schütze, F. (1987), *Das Narrative Interview in Interaktionsfeldstudien I*. Hagen:
Fernuniversität.
- Sejbaek, C. S., Nexø, M. A., and Borg, V. (2012), Work-related factors and early retirement
intention: a study of the Danish eldercare sector. *Eur. J. Public Health* 23, 611–616. doi:
10.1093/eurpub/cks117

- 1
2
3 Souto-Manning M. (2014), "Critical narrative analysis: the interplay of critical discourse and
4 narrative analyses", *International Journal of Qualitative Studies in Education*, Vol. 27,
5 No. 2, pp. 159–180.
- 6 Super, D.E. (1980), "A life-span, life-space approach to career development", *Journal of*
7 *Vocational Behavior*, Vol. 16, No. 3, pp. 282-298.
- 8 Tengblad S., Solli R. and Czarniawska B. (2005), *The Art of Science*. Copenhagen:
9 Copenhagen Business School Press.
- 10
11 Tempest, S. and Coupland, C. (2016), "Lost in time and space: Temporal and spatial
12 challenges facing older workers in a global economy from a career capital perspective",
13 *The International Journal of Human Resource Management*, Vol. 28, No 15, pp. 2159–
14 2183.
- 15
16 Topa G., Depolo, M., and Alcover, C-M. (2018). "Early Retirement: A Meta-Analysis of Its
17 Antecedent and Subsequent Correlates", *Front. Psychol.*, 8:2157.
18 doi:10.3389/fpsyg.2017.02157
- 19
20 Veth, K.N., Van der Heijden, B.I.J.M., Korzilius, H.P.L.M, De Lange, A.H., and Emans,
21 B.J.M. (2018), "Bridge over an ageing population: Examining longitudinal relations
22 among human resource management, social support, employee outcomes among bridge
23 workers", *Frontiers in Psychology*, Vol. 9 Article 574. doi: 10.3389/fpsyg.2018.00574.
- 24
25 von Bonsdorff, M. E., Huuhtanen, P., Tuomi, K., and Seitsamo, J. (2010a), "Predictors of
26 employees' Early Retirement intentions: An 11-year longitudinal study". *Occup. Med.*,
27 60, 94–100.
- 28
29 Wang, M. and Schultz, K.S. (2010), "Employee retirement: A review and recommendations
30 for future investigation", *Journal of Management*, Vol. 36 No 1, pp. 172–206.
- 31
32 Zacher, H. (2015). "Successful ageing at work", *Work, Aging and Retirement*, Vol.1, No. 1,
33 pp. 4–25.
34
35
36
37
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39
40
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Table 1 The Interview Data

Pseudonymized names	Age	Gender	Length of the interview (minutes)	Number of transcribed pages	Career narrative
Amelia	55	Female	16	5	3
Betty	54	Female	42	7	2
Cecilia	53	Female	39	11	4
Dorothy	56	Female	58	11	2
Emily	54	Female	25	8	3
Frans	59	Male	45	12	4
Gabriel	61	Male	31	8	3
Hans	59	Male	40	11	2
Ines	56	Female	55	12	4
Jane	57	Female	37	9	4
Kathy	57	Female	35	9	3
Linda	57	Female	61	9	1
Miranda	54	Female	52	12	1
Nathalia	55	Female	69	16	2
Olga	64	Female	42	8	1
Paul	50	Male	46	12	4
Queenie	56	Female	60	11	4
Rose	61	Female	45	12	1
Sara	53	Female	53	14	2
Theresa	56	Female	39	10	1
Whesley	52	Male	39	9	3
Violet	57	Female	32	8	2

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