BMJ Open Stakeholder involvement in care transition planning for older adults and the factors guiding their decisionmaking: a scoping review

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ABSTRACT

Objective To synthesise the existing literature on care transition planning from the perspectives of older adults, caregivers and health professionals and to identify the factors that may influence these stakeholders' transition decision-making processes.

Design A scoping review guided by Arksey and O'Malley's six-step framework. A comprehensive search strategy was conducted on 7 January 2021 to identify articles in five databases (MEDLINE, Embase, CINAHL Plus, PsycINFO and AgeLine). Records were included when they described care transition planning in an institutional setting from the perspectives of the care triad (older adults, caregivers and health professionals). No date or study design restrictions were imposed.

Setting This review explored care transitions involving older adults from an institutional care setting to any other institutional or non-institutional care setting. Institutional care settings include communal facilities where individuals dwell for short or extended periods of time and have access to healthcare services.

Participants Older adults (aged 65 or older), caregivers and health professionals.

Results 39 records were included. Stakeholder involvement in transition planning varied across the studies. Transition decisions were largely made by health professionals, with limited or unclear involvement from older adults and caregivers. Seven factors appeared to guide transition planning across the stakeholder groups: (a) institutional priorities and requirements; (b) resources; (c) knowledge; (d) risk; (e) group structure and dynamic; (f) health and support needs; and (g) personality preferences and beliefs. Factors were described at microlevels, mesolevels and macrolevels.

Conclusions This review explored stakeholder involvement in transition planning and identified seven factors that appear to influence transition decisionmaking. These factors may be useful in advancing the delivery of person and family-centred care by determining how individual-level, group-level and system-level values guide decision-making. Further research is needed to understand how various stakeholder groups balance these factors during transition planning in different health contexts.

STRENGTHS AND LIMITATIONS OF THIS STUDY

- ⇒ This review considered transition planning among the care triad (defined as older adults, caregivers and healthcare professionals).
- ⇒ A wide range of transition experiences were described across the records, involving various care settings and patient conditions.
- ⇒ The identification of factors required subjective interpretation, as few records specifically focused on identifying the factors that guided participants' decision-making.
- ⇒ Participant characteristics were lacking in several records, making it difficult to assess participant
- ⇒ Some relevant information may have been missed, as inclusion criteria were focused on describing transitions from institutional care settings.

INTRODUCTION

Increased interest in person and familycentred care (PFCC) has emerged over the past several decades.¹ PFCC is an approach to healthcare, whereby care decisions are driven by the individual's needs, preferences and desired outcomes.² In this value-based approach, patients and families are considered partners in their care and contribute important knowledge and experience to care and treatment decisions. The growing popularity of this approach represents an ideological shift from the biomedical model to one that emphasises a holistic view of the individual with specific medical, social, mental, emotional and spiritual needs.³ PFCC policies and practices are now widely recognised as an important indicator of healthcare quality, and many healthcare systems globally are making progress towards achieving a higher standard of PFCC.4

While many believe that a PFCC approach is justified on moral grounds,⁵ the benefits of adoption include improved individual-level



and system-level outcomes as demonstrated by studies showing greater self-efficacy, levels of satisfaction and individual well-being among patients and families. Additionally, PFCC interventions have been associated with a better use of resources and decreased health system costs in certain therapeutic areas. 6 9 10

The successful delivery of PFCC may be a particularly important contributor to enhanced management of complex health processes like care transitions. Care transitions are broadly defined as the transfer of patients between different settings, services or care providers. They represent periods of high vulnerability and risk due to the potential for adverse events and breakdowns in communication. Despite the promise of PFCC, a recent review on care transitions reported a mixed effect of the impact of PFCC on patient-oriented outcomes leading the authors to reflect on the core components of the approach, and conclude that PFCC interventions must incorporate several core components to successfully improve transition outcomes. If

Shared decision-making (SDM) is often viewed as one of the core components of PFCC. SDM is a collaborative approach to decision-making, whereby health professionals and patients consider options and evidence together before making joint decisions. This approach may be particularly useful in the context of care transitions, since the decisions will likely impact caregivers and health professionals in addition to the patient. Specifically, the outcomes of transition decision-making can influence health professionals' planning and resource allocation, as well as caregivers' responsibilities for care coordination and delivery.

Despite the significant impact that care transition decisions can have on the lives of these stakeholders, there is considerable evidence that patients and families are not included in, and have limited influence over, transition planning and decision-making. This may be particularly true for older patient populations, as SDM becomes more complex due to their higher health needs and reduced ability to self-manage. This lack of involvement is further problematised by the reality that different stakeholders may have conflicting goals during the transition. The absence of patient and family voice during care transitions may therefore result in system goals being prioritised over the goals of the individual patients and their families.

A lack of patient and family involvement in care transition planning and decision-making raises important questions about the quality of care during transitions and the extent to which they are person centred. Therefore, the aim of this review is to synthesise the available literature on care transition planning from the perspectives of older adults, caregivers and health professionals, and identify the core factors that appear to influence transition decision-making. By identifying these factors, we may better determine the extent to which care transitions are person centred, and how they may be strengthened in the future.

METHODS

This scoping review examined care transition planning and decision-making from the perspectives of older adults, caregivers and health professionals. We followed the methods outlined by Arksey and O'Malley²⁸ and adhered to Tricco et als²⁹ Preferred Reporting Items for Systematic Reviews and Meta-Analyses extension for Scoping Reviews checklist to report our findings. Arksey and O'Malley²⁸ advanced a six-step framework for conducting scoping reviews: (1) identifying the research question; (2) identifying relevant studies; (3) study selection; (4) charting the data; (5) collating, summarising and reporting; and optionally (6) consulting and translating knowledge. A copy of the review protocol can be accessed by contacting the authors. This scoping review did not involve any direct collection of data from participants; therefore, informed consent was not required.

Inclusion criteria

We included all published literature where the record: (1) reported empirical peer-reviewed research; (2) described a care transition from an institutional care setting (eg, hospital, rehabilitation facility, nursing home) to any other care setting; (3) described decision-making and/or planning related to the transition; and (4) included data collected from the multiple perspectives of older adults, caregivers and health professionals. Data from these multiple perspectives were necessary in order to better understand the extent to which the stakeholder groups were involved in decision-making and the different factors that they considered during their transition experiences. No study type or design restrictions were implemented; however, due to the focus on reporting of stakeholder experiences, included records often adopted qualitative methodologies. Differences in qualitative methodologies and approaches were not accounted for during analysis. Only records published in English were included. Records were excluded when their methodology was unclear and when the perspectives of older adults could not be clearly identified or differentiated from younger participants. A small selection of records describing hypothetical transitions were excluded due to potential differences in predicted and actual transition decisions. Records focused on transitions at the end of life were excluded due to the unique nature of this type of transition and the factors that may be considered by stakeholders. Consistent with scoping review methodology, a critical appraisal to assess the quality of the included records was not undertaken.³⁰

Search strategy

A comprehensive search strategy was developed in consultation with a health sciences librarian at the University of Toronto (online supplemental file 1). The search was designed to retrieve records that described all of the following concepts: (1) a care transition; (2) decision-making or care planning; and (3) the triad perspectives of older adults, caregivers and health professionals (see table 1). Relevant search terms relating to these concepts



Table 1 Operational de	Table 1 Operational definitions of core concepts					
Concept	Definition					
Institutional care setting	Communal facilities where individuals may dwell for short or extended periods of time and have access to healthcare services. Examples may include: hospitals, rehabilitative centres, nursing homes, long-term care facilities, assisted living facilities, aged care homes, personal care homes, residential facilities, etc.					
Care transition	The transfer of patients between different services, providers and/or settings.					
Transition planning and decision-making	The process of preparing for a care transition and choosing between multiple options.					
Older adult	Person aged 65 years or older.					
Caregiver	A family member or friend who provides unpaid care to another person, either at home or in a care institution.					
Health professional	A licensed or unlicensed care provider who offers paid medical, treatment or support services to a patient.					

were drawn from published reviews and expanded on through a preliminary literature search and using the research teams' existing knowledge. The search strategy was executed in the following databases due to their focus on health research: MEDLINE, AgeLine, Embase, PsycINFO and CINAHL Plus. No date or study design restrictions were imposed. The search strategy was validated by ensuring the retrieval of a selection of key publications identified through a preliminary literature search.

Selection of sources of evidence

The search was executed in January 2021 and all records retrieved were imported into Covidence, a web-based software platform designed to facilitate screening. Duplicates were removed and records were screened in two stages. First, 90% of titles and abstracts were independently reviewed by two authors (SC, KMK) based on preidentified selection criteria. Discrepancies were resolved between the authors through periodic discussions. The remaining 10% of records were screened by one author (SC) as a high degree of screening consistency was observed. In the second stage of screening, two authors (SC, KMK) independently screened and discussed the full text of all remaining records.

Data extraction and synthesis

Two authors (SC, KMK) independently reviewed and charted the data from included records into a detailed data abstraction form. Data charting was used to summarise, organise and interpret the data from the records according to key themes. For each record, the following types of data were extracted: general record information (ie, journal, author, publication date, country of publication, title) and research methods and design (ie, study objective, settings, participant characteristics, methods of data collection and analysis). Information on the factors that influenced transition planning and decision-making was also extracted. Factors were defined as any ideas or circumstances that stakeholders considered when making transition decisions and selecting subsequent care arrangements. Although the authors of some records had explicitly identified these factors (eg, perceived costs of care deterring participants from certain options),

in many cases they were identified iteratively using the central themes reported in the research. To determine the themes, two authors (SC, KMK) identified an initial list of factors that were clearly expressed in the records. Each extracted factor represented a theme, as it was a recurring idea presented across multiple records (online supplemental file 2). The factors were then reviewed by all members of the research team who then refined the list of factors by making suggestions for further grouping or ungrouping. Once the parameters of each factor were defined, one author (SC) reviewed all included records again to ensure that the factors were extracted consistently. One author (SC) then explored and compared these factors by participant type and demographics (eg, sex and ethnicity, when available) and discussed these findings with the research team.

To present an overview of all information retrieved, and to establish the breadth and scope of the literature, the results of the review are reported in two formats: (1) a simple numerical description of the distribution of the records coupled with data visualisations; and (2) a narrative synthesis and content mapping of core topics of interest (online supplemental file 3). Data synthesis and mapping was an iterative process facilitated through multiple team meetings. In these meetings, team members discussed, refined and defined the final list of factors. Due to limited time and resources, the optional sixth step of Arksey and O'Malley's scoping review framework, 'consulting and translation knowledge', was not completed.

Patient and public involvement

No patient was involved.

RESULTS

The initial search resulted in 10356 records. After deduplication, 7198 records remained for title and abstract screening. A total of 266 full-text records were reviewed, and 39 were included in this review (figure 1). A summary of the characteristics of the included records is presented in table 2. Records were published between

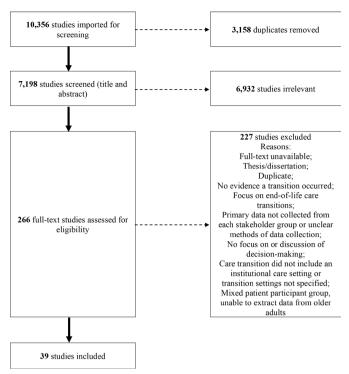


Figure 1 Preferred Reporting Items for Systematic Reviews and Meta-Analyses (PRISMA) flow diagram depicting record identification and selection.

Table 2 Overview of included record characteristics (n=39)						
Characteristic	n (%)					
Year						
1980–1989	1 (2.5)					
1990–1999	9 (23)					
2000–2009	9 (23)					
2010–2015	8 (20.5)					
2016–2021	12 (31)					
Country						
Australia	1 (2.5)					
Canada	15 (38)					
Finland	1 (2.5)					
Multiple (European)	1 (2.5)					
Sweden	3 (8)					
USA	13 (33)					
UK	5 (13)					
Average number of participants						
Older adults	16					
Caregivers	19					
Health professionals	37					
Other	20*					

In all three cases, these participants were described as key

1981 and 2019, with the majority published in the last 11 years (n=20; 51.3%). Included records described studies conducted in North America (n=28; 71.8%), Europe (n=10; 25.6%) and Australia (n=1; 2.6%).

Nearly all of the included records described qualitative studies (n=37; 94.9%). The remaining two records used mixed methods (5.1%). Common study designs included: ethnography (n=14; 35.9%); case study (n=6; 15.4%); exploratory qualitative (n=6; 15.4%); interpretive research (n=4; 10.3%); and grounded theory (n=3; 7.7%). Interviews were the predominant method for collecting data across the studies (n=37; 94.9%). Records also described observational data collection (n=22; 56.4%), document review (n=13; 33.3%) and focus groups or group workshops (n=4; 10.3%). The majority of included records described studies with more than one method of data collection (n=24; 61.5%).

All studies collected data from the perspectives of older adults, caregivers and health professionals. Many studies included health professionals from the initial transition setting as well as the final transition destination or community (n=16; 41.0%). Three records describing two studies included data from key informants throughout the health system (7.7%). In general, the study populations included more women than men. Only seven studies reported the participants' ethnicities (17.9%), the majority of whom were white.

A variety of patient populations and transition types were described. Nearly all records described transition experiences from a hospital setting (n=34; 87.1%). Transition destinations varied across the studies; however, in most cases at least a portion of the older adults transitioned home (n=30; 76.9%). Other transition destinations included: nursing homes; retirement homes; skilled nursing facilities; rehabilitation facilities; rest homes; long-term care; and convalescent care homes. In many cases, the older adult participants transitioned between more than two locations.

Degree of stakeholder involvement

The degree of stakeholder involvement in transition planning and decision-making varied across the records. In many cases, there was evidence that health professionals made transition decisions with limited communication with the patients and families. 18 23 31-50 Decisions were generally made by health professionals in team meetings or through exchange of informal communications. A few records mentioned cases where family conferences were held to include the patient or family in planning. 34 40 44 49 51-57 Although it was not clearly stated in the records, the authors implied that many decisions were made through informal conversations between health professionals, patients and families. Jewell⁴⁰ noted that although this style of communication was often preferred by health professionals, 'patients and/or carers felt poorly served by such an approach' (p 1293). Several records also described limited involvement and knowledge of, communication with and recognition of the role

informants.

Table 3 Factors that influence transition planning and decision-making					
Factor	Description				
Institutional priorities and requirements	Policies and objectives of the organisation or care institution.				
Resources	Individual, group or organisational-level supports or assets. These may be tangible (eg, financial) or intangible (eg, time) in nature.				
Knowledge	Information and awareness of the patient, the healthcare system and the variety of options available for transition.				
Risk	Perceptions of risk and safety associated with a decision.				
Group structure and dynamic	The extent to which stakeholders are involved (or not involved) in planning, their agreed-upon roles and responsibilities and the quality of their interpersonal relationships and communication.				
Health and support needs	Perceived current and future physical and mental capacity of the patient and their anticipated support needs.				
Personality, preferences and beliefs	The individual's unique pattern of thinking, feeling or behaving, and what they want and hope to achieve.				

of community health professionals during transitions, creating challenges during and after transitions. 31 40-42 52 Despite this, there was recognition that involvement of community health professionals could strengthen transition planning and decision-making.¹⁸

Records reported conflicting views on transition planning between stakeholders. 18 35 36 40 43 58 When patients and families disagreed with health professionals' recommendations, their capacity to make decisions was questioned.^{23 35 56 59} In one study, Durocher et al noted that all participants associated ageing with a gradual loss of agency and decline in capacity.³⁴ This led to the expectation among participants that older adults' engagement in decision-making would decline over time. Similarly, other records suggested that some health professionals held paternalistic or ageist attitudes, 23 32-34 49 52 60 which compromised patients and families' capacity to influence transition planning.

Factors influencing transition planning and decision-making

A variety of factors influencing transition planning and decision-making processes across stakeholder groups were described and are summarised in table 3. These factors included: (a) institutional priorities and requirements; (b) resources; (c) knowledge; (d) risk; (e) group structure and dynamic; (f) health status and support needs; and (g) personality, preferences and beliefs (figure 2). Typically, the factors were described at the level of the individual (microlevel); however, in some cases, the factors were described at the group levels or system levels (mesolevels and macrolevels).

Institutional priorities and requirements

Several records described how institutional-level and system-level priorities and requirements influenced transition options and decision-making. These institutional priorities were sometimes privileged over the priorities of the patients and families. 36 49 54 Challenges emerged in transition planning due to requirements of the initial transition settings and the transition destinations. Records noted that institutions were under pressure to discharge patients as quickly as possible in order to comply with insurance requirements and free up beds. 32 44 46 49 59 61 62 As a result, discharge planning often began on admission; however, this early focus hindered the process of preparing patients for discharge. 42 46 47 49 53 In one record, health professionals reported trying to conserve resources by discharging patients on certain days to maximise insurance usage. 63 Transition options were further constrained by the admission criteria set by the discharge destinations. 37 47 63 Lack of space and availability of services in the community exacerbated challenges by limiting transition options. 41 48 Finally, privacy and confidentiality concerns restricted communication between different stakeholders

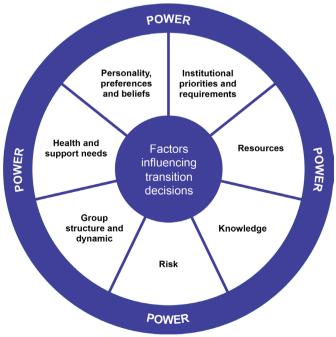


Figure 2 Visual display of the factors influencing stakeholders' transition decisions.

both within and between settings, complicating transition planning. 43 47 62

Resources

Transition decisions were influenced by the decision support resources available to the patient and family, as well as in the community. Social, psychological, financial and familial resources were identified. 40 49 59 The most critical resource influencing transition decisions was the availability and support of a caregiver. Caregivers acted as an advocate for the patients during transition planning, ensuring that their interests were upheld. 18 31 37 46 51 58 64 Lack of caregiver involvement sometimes resulted in care arrangements that the patients did not prefer. 18 33 65 Caregivers also helped to share information and knowledge with the patient, ensuring that they understood what was happening.³⁹ Despite this, it was important not to overrely on caregivers, as there were limits to the support that they could provide. 46 58 Several records also described how financial resources influenced transition decisions. In particular, perceived costs of care might shift the older adults and families' decisions, 58 63 while availability of health insurance might alter health professionals' recommendations.⁶³ Ultimately, without sufficient social and financial supports, certain transition 'options' were not

Time also influenced transition planning, both in terms of its availability as a resource, and identifying the most appropriate timing for decisions. In a few records, health professionals described insufficient time to prepare and plan for the transition. 33 59 62 Depending on the type of service, different amounts of time were required to prepare. 52 Similarly, patients and families found that decisions needed to be made rapidly, creating a challenge for transition planning. 41 46 48 However, limited time was not universal, as Rhynas et al¹⁸ found that time pressure had no influence on transition decisions. The success of the care transitions was sometimes dependent on the timing of the decisions being made. Robinson et al⁶¹ described how discharge dates may be manipulated by health professionals in order to ensure that relevant staff and services were available. Additionally, since many patients' care needs and capacity fluctuated over time, it was important to make decisions when the patients' condition had stabilised and they could participate effectively. 40 49 51 56-58 65

Knowledge

Knowledge of the patient and the various options for transition settings influenced planning. Several records described how patients and families were insufficiently informed and prepared to make or follow a transition plan. ¹⁸ ³⁷ ³⁸ ⁴⁰ ⁴⁴ ⁴⁶ ⁴⁷ ⁴⁹ ⁵⁴ ⁵⁷ Further, the authors noted that patients and families at times lacked the knowledge to prepare themselves to participate in decisions, or felt ambivalent or reluctant to seek information. ³⁷ ⁴² This reality constrained decision-making by limiting the patients and families' capacity to participate. Conversely, health professionals' medical expertise garnered them

power and authority when making decisions on behalf of patients and families.²³ Health professionals' confidence in their decisions was strengthened with knowledge of the patients themselves⁶¹ and a clear understanding of their role in transition planning, as well as the roles of others. 42 46 47 51 62 One record described how health professionals privileged their own knowledge above the knowledge of the patients and families when making decisions.⁵³ Similarly, two records described how health professionals used the knowledge imbalance between themselves and the patients by withholding information about different options.^{37 38} Finally, in some instances, patients, families and health professionals each lacked knowledge and awareness of the benefits and resources available in the community.^{41 51} This impeded transition planning by restricting the number of options under consideration.

Risk

Perceptions of risk and safety had an important influence on how different stakeholders viewed the transitions and justified their decisions. In some cases, health professionals and caregivers delayed or interrupted transitions due to concerns that the older adult was not ready. 33 50 52 As a result, they sometimes prioritised the older adults' safety over the older adults' preferences. 18 23 34 53 56 A language of risk was used to justify the transition decisions being made or recommended. 18 In one record, a caregiver 'defined capacity as being capable of making a decision that was safe' (Poole et al, p8).⁵⁶ However, stakeholders appeared to weigh the risks associated with each transition option differently. In particular, while older adults were often comfortable transitioning home, health professionals and caregivers sometimes expressed concern with this option. These conflicting views meant that certain transition options could not be executed by the older adults due to the perceived risks that others held.²³

Group structure and dynamic

The quality of the relationships and communication between different stakeholders had an important influence on transition planning. Several records suggested that poor communication and coordination between professionals challenged transition planning. 31 40 42 46 51 52 57 61 In particular, limited communication between institutional providers and community providers resulted in poor continuity in care. Unclear responsibilities and roles within teams were also a challenge, therefore some participants suggested having one health professional in charge of coordinating transition efforts. 33 51 52 It was often unclear whether patients and families were recognised as equally valuable team members during transition planning. Further, several records described how caregivers were often responsible for navigating the health system and arranging services. 39 41 65 66 Thus, their inclusion in the team was important to ensure successful planning. In fact, Robinson et al⁶¹ noted that strong



relationships between family and health professionals led to greater likelihood that all stakeholders would agree on decisions. Ultimately, trust was a recurring theme across the records, as it helped to strengthen all stakeholders' comfort and confidence with the decisions. ³⁷ ⁴⁴ ⁵² ⁶¹ ⁶² ⁶⁴

Health status and support needs

Although a patient's health status and support needs should logically influence their involvement in transition decisions, few records described consideration of this factor. Two records described how the patients' current health statuses impeded their capacity to participate in decision-making.^{37 38} Specifically, patients with sensory loss, language barriers or high medication use had limited opportunities to share their perspectives during planning. Records also referenced discordance between the individuals' preferences for care, and their medical and social needs. 18 23 In these cases, the patients' health needs were typically prioritised over their preferred choice of care arrangement. Finally, higher health needs influenced transition planning by reducing the number of executable options. 18 23 48 64 Patients who required complex care needed more health professionals and services to be involved.⁶² For example, Mead et al⁶⁴ described how patients were transferred between assisted living facilities as a result of their shifting care needs.

Personality, preferences and beliefs

Many records emphasised the importance of recognising the older adults and families' personalities and incorporating their preferences into transition planning; however, it was unclear whether this occurred in practice. Several records described conflicting stakeholders' views towards transitions, which challenged planning processes. ³⁵ ³⁶ ⁴³ ⁵⁸ ⁶¹ Health professionals in two studies specifically noted difficulty incorporating family preferences into transition decisions. ⁴³ ⁵⁹ Finally, two records described how older adults' mindsets and attitudes influenced transition planning, suggesting that more positive mindsets led to greater autonomy in decision-making and subsequent care. ⁵¹ ⁶⁰

DISCUSSION

This review explored stakeholder involvement in transition planning and identified seven key factors that appeared to influence stakeholders' decision-making. Findings were analysed with a specific focus on PFCC to determine the extent to which SDM occurs during care transition planning. SDM is an approach to care planning that is expected to strengthen healthcare experiences and outcomes by better aligning care with the preferences and needs of patients and families; however, it can be challenging to implement in practice due to conflicting stakeholder expectations.

Across the included records, transition decisions were largely made by health professionals. While there was evidence that some patients and families were involved in the transition planning, their involvement varied on a case-by-case basis. This finding is consistent with existing literature on transition planning, 17 which shows that 'although the majority of older people would wish to be involved in decision-making in practice they are often not encouraged, or enabled, to participate in SDM'(Bunn et al, p10).²⁶ Transition decisions were influenced by a variety of microlevel, mesolevel and macrolevel factors. These factors included: (a) institutional priorities and requirements; (b) resources; (c) knowledge; (d) risk; (e) group structure and dynamic; (f) health status and support needs; and (g) personality, preferences and beliefs. The factors both influenced, and were influenced by, the broader context in which decision-making occurred, including who was involved, to what extent and what options were considered.

In reflecting on the range of factors that influenced transition decisions, it appears that power may also play a role. Power impacted the extent to which each factor influenced the transition decisions. Power has been previously defined as 'the degree of control over material, human intellectual and financial resources by different sections of society'67 (p 41). In this review, it appeared that power permeated factors like resources, time, knowledge and group structure to impact the transition options under consideration. As Joseph-Williams et ali⁸ point out, if patients do not know or understand the options available, then they are unable to participate in SDM. To date, many scholars have written about the deep-rooted power imbalances between patients, families and health professionals during clinical encounters. This review affirmed the existence of a power imbalance during transition planning, as health professionals' knowledge and training was often privileged over the patients and families' perspectives. As Kaminskiy⁶⁹ notes, power in SDM can be so pervasive that 'certain groups do not question, but instead accept certain situations without conflict' (p 24). This reality was reinforced in this review, as in many cases patients and families willingly deferred decision-making authority to the health professionals. Similarly, although health professionals appeared to lead decision-making in many cases, their decisions were often impacted by structural factors beyond their control. These included, for example, institutional goals to discharge patients as quickly as possible, and a lack of available bed spaces in the community. According to Thomas et al, 70 these structural factors can have a profound impact on SDM by constraining the control health professionals have over their decisions, and prioritising health system efficiencies over PFCC.

It also appeared that factors were weighed differently depending on the broader context of the transitions. In several records, the older adults' available resources and anticipated health needs took precedence over their preferences for the transition. This was most apparent in records where the older adults expressed a clear preference to return home, and their caregivers or health professionals resisted this transition due to lack of available

supports and perceived risks involved. In several records, factors like health and support needs, risk and resources also influenced health professionals' recommendations for transitional care. The subjective weighting of these factors sometimes led to disagreements between stakeholders. This reality illustrates the lasting influence of the biomedical model, where medical outcomes are valued more highly than other outcomes that might be more meaningful to the individual (eg, quality of life).

Future research might explore the relative weighing of these different factors during transition planning from the perspectives of patients, families and health professionals. As Kaminskiy⁶⁹ comments, SDM is a complex process and power imbalances, conflict between stakeholders and resource constraints have served to limit its uptake in practice. Therefore, greater understanding of how each stakeholder weighs these factors when making transition decisions may offer an opportunity to address these tensions prioritise them and move towards more person and family-centred transition planning.

Although SDM has emerged as a high priority in many health settings, concerns have been raised over the value of the approach and its implementation. For example, some scholars have questioned the assumption that all patients wish and are able to participate in SDM.⁷¹ This finding was also observed in this scoping review as some health professionals and caregivers questioned the capacity of the older adults to safely participate in decision-making. A recent systematic review by Waddell et al^{72} observed similar attitudes among health professionals and suggested that these perspectives can act as a barrier to successful SDM implementation. Other clinician-related, patient-related, organisational-level and system-level characteristics can also negatively influence the implementation of SDM, and Elwyn et al have argued that recognition of SDM as the 'right thing to do' may not be sufficient to support its implementation in practice.⁷³ Rather, specific strategies from the field of implementation science and evaluation of the broader, long-term outcomes associated with SDM may be required. Some strategies to support the implementation and maintenance of SDM include: training stakeholders in the use of decision support tools, engaging champions to raise awareness and support for SDM, embedding SDM in policies and clinical practice guidelines, offering incentives to participate in SDM and monitoring performance related to SDM. 74 75 Future research may focus on evaluating the effectiveness of each of these strategies and the shortterm and long-term consequences of implementing SDM overall.

Stakeholders' specific social and cultural contexts should also be explored as prior research has shown that patient characteristics (eg, ethnicity, gender) can influence healthcare experiences. Records included in this review had inconsistent reporting of participant demographics, and often did not offer an in-depth analysis of experiential differences based on participants' age, sex, gender or ethnicity. However, existing literature suggests

that there may be gendered differences in care transition pathways, 77 and that minority groups may experience enhanced difficulties during care transitions. 76 This review did find some potential differences in transition planning and decision-making between urban and rural geographies. Specifically, some records reported that rural institutions faced challenges related to access to community care and nuanced differences between rural and urban transition practices and cultures. Yet, while healthcare inequities facing rural populations are often described in health research, further exploration of the multidimensional and heterogenous healthcare experiences of older adults in rural settings is warranted. 78

Further research on how the broader context shapes transition planning is also needed. During the COVID-19 pandemic there has been evidence that the factors influencing transition decisions may have been altered or reweighted. For example, in April 2021 the Government of Ontario, Canada issued emergency orders to allow hospitals to transfer patients without consent in an effort to alleviate pressure on the healthcare system. ⁷⁹ Additionally, there is evidence that some older adults and families left care institutions like long-term care, a decision that was rarely executed prepandemic. 80-83 These examples show the significant impact that the broader social and political contexts can have on transition decision-making. Research in this area may help emphasise the complexity of transition planning, and which factors are most critical for guiding decision-making in different contexts. Research may also focus on examining the unique roles of older adults, caregivers and institutional and community health professionals in these new care contexts.

Limitations

This review has some limitations. First, some relevant articles may have been missed due to the complexity of care transitions, the breadth of literature on the topic and limiting records to the English language. Second, while the included records all described transition planning and decision-making, they did not focus specifically on the factors influencing this process. Therefore, the identification of factors required the subjective interpretation of the authors. Despite this, common factors persisted across the records, all of which had been previously described in the literature on care transitions. Third, records included in this review adopted a myriad of designs, approaches and methodologies which result in subtle differences in data and reporting. Although we did not account for these differences when synthesising findings across the records, we focused on consistently defining and extracting our findings across all records. Fourth, there was no patient or family involvement in the identification of factors for this review. Including patient and family representation on the authorship team may have added further nuance to the interpretation of factors and served to validate our findings. Finally, the included records often lacked demographic information on the



sex and ethnicity of participants making it impossible to assess participant diversity across the records.

CONCLUSION

This review described stakeholder involvement in transition planning and identified key factors influencing transition decisions. Findings may be useful for developing a framework on transition planning, guiding future research, raising awareness of the variation in stakeholder involvement during care transitions and supporting the successful implementation of PFCC.

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Competing interests KK holds the Dr Mathias Gysler Research Chair in Patient and Family Centred Care at the Institute for Better Health at Trillium Health Partners.

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REFERENCES

- 1 van Diepen C, Wolf A. "Care is not care if it isn't person-centred": A content analysis of how Person-Centred Care is expressed on Twitter. Health Expect 2021:24:548–55.
- 2 NEJM Catalyst. What is patient-centered care? New Engl J Med Catalyst 2017.
- 3 Lines LM, Lepore M, Wiener JM. Patient-Centered, Person-centered, and Person-directed care: they are not the same. *Med Care* 2015;53:561–3.

- 4 Guastello S, Jay K. Improving the patient experience through a comprehensive performance framework to evaluate excellence in person-centred care. *BMJ Open Qual* 2019;8:e000737.
- Epstein RM, Street RL. The values and value of patient-centered care. *Ann Fam Med* 2011;9:100–3.
- Gluyas H. Patient-Centred care: improving healthcare outcomes. Nurs Stand 2015;30:50–9.
- 7 Pirhonen L, Olofsson EH, Fors A, et al. Effects of person-centred care on health outcomes-A randomized controlled trial in patients with acute coronary syndrome. *Health Policy* 2017;121:169–79.
- 8 Rathert C, Wyrwich MD, Boren SA. Patient-Centered care and outcomes: a systematic review of the literature. *Med Care Res Rev* 2013;70:351–79.
- 9 Pirhonen L, Gyllensten H, Olofsson EH, et al. The cost-effectiveness of person-centred care provided to patients with chronic heart failure and/or chronic obstructive pulmonary disease. Health Policy Open 2020:1:100005.
- 10 Sahlen K-G, Boman K, Brännström M. A cost-effectiveness study of person-centered integrated heart failure and palliative home care: based on a randomized controlled trial. *Palliat Med* 2016;30:296–302.
- 11 Dawda P, Russell L, World Health Organization,, World Health Organization,, Department of Service Delivery and Safety. *Transitions of care*, 2016.
- 12 Health Quality Ontario. BestPATH: transitions of care. Health Quality Ontario, 2012: 1–51.
- 13 Ashbourne J, Boscart V, Meyer S, et al. Health care transitions for persons living with dementia and their caregivers. BMC Geriatr 2021;21:285.
- 14 Backman C, Chartrand J, Crick M, et al. Effectiveness of personand family-centred care transition interventions on patient- oriented outcomes: a systematic review. Nurs Open 2021;8:721–54.
- 15 Smith MA. The role of shared decision making in patient-centered care and orthopaedics. *Orthop Nurs* 2016;35:144–9.
- 16 Elwyn G, Frosch D, Thomson R, et al. Shared decision making: a model for clinical practice. J Gen Intern Med 2012;27:1361–7.
- 17 Dyrstad DN, Testad I, Aase K, et al. A review of the literature on patient participation in transitions of the elderly. Cogn Technol Work 2015;17:15–34.
- 18 Rhynas SJ, Garrido AG, Burton JK, et al. New care home admission following hospitalisation: how do older people, families and professionals make decisions about discharge destination? A case study narrative analysis. Int J Older People Nurs 2018;13:e12192.
- 19 LeClerc CM, Wells DL, Craig D, et al. Falling short of the mark: tales of life after hospital discharge. Clin Nurs Res 2002;11:242–63.
- 20 Andersen IC, Thomsen TG, Bruun P, et al. Patients' and their family members' experiences of participation in care following an acute exacerbation in chronic obstructive pulmonary disease: a phenomenological-hermeneutic study. J Clin Nurs 2017;26:4877–89.
- 21 Bragstad LK, Kirkevold M, Foss C. The indispensable intermediaries: a qualitative study of informal caregivers' struggle to achieve influence at and after hospital discharge. BMC Health Serv Res 2014;14:331.
- 22 Clarke A, Sohanpal R, Wilson G, et al. Patients' perceptions of early supported discharge for chronic obstructive pulmonary disease: a qualitative study. Qual Saf Health Care 2010;19:95–8.
- 23 Hicks E, Sims-Gould J, Byrne K, et al. "She was a little bit unrealistic": Choice in healthcare decision making for older people. J Aging Stud 2012;26:140–8.
- 24 Neiterman E, Wodchis WP, Bourgeault IL. Experiences of older adults in transition from hospital to community. Can J Aging 2015;34:90–9.
- Pearson P, Procter S, Wilcockson J, et al. The process of hospital discharge for medical patients: a model. J Adv Nurs 2004;46:496–505.
- 26 Bunn F, Goodman C, Russell B, et al. Supporting shared decision making for older people with multiple health and social care needs: a realist synthesis. BMC Geriatr 2018;18:165.
- 27 Richardson A, Blenkinsopp A, Downs M, et al. Stakeholder perspectives of care for people living with dementia moving from hospital to care facilities in the community: a systematic review. BMC Geriatr 2019;19:202.
- 28 Arksey H, O'Malley L. Scoping studies: towards a methodological framework. Int J Soc Res Methodol 2005;8:19–32.
- Page Tricco AC, Lillie E, Zarin W, et al. PRISMA extension for scoping reviews (PRISMA-ScR): checklist and explanation. Ann Intern Med 2018;169:467–73.
- 30 Munn Z, Peters MDJ, Stern C, et al. Systematic review or scoping review? Guidance for authors when choosing between a systematic or scoping review approach. BMC Med Res Methodol 2018;18:143.
- 31 Bailey C, Hewison A, Karasouli E, et al. Hospital care following emergency admission: a critical incident case study of the



- experiences of patients with advanced lung cancer and Chronic Obstructive Pulmonary Disease. *J Clin Nurs* 2016;25:2168–79.
- 32 Bull MJ, Kane RL. Gaps in discharge planning. *J Appl Gerontol* 1996;15:486–500.
- 33 Congdon JG. Managing the incongruities: the hospital discharge experience for elderly patients, their families, and nurses. *Appl Nurs* Res 1994;7:125–31.
- 34 Durocher E, Gibson BE, Rappolt S. Mediators of marginalisation in discharge planning with older adults. *Ageing Soc* 2017;37:1747–69.
- 35 Durocher E, Kinsella EA, Gibson BE, et al. Engaging older adults in discharge planning: case studies illuminating approaches adopted by family members that promote relational autonomy. *Disabil Rehabil* 2019;41:3005–15.
- 36 Efraimsson E, Sandman P-O, Hydén L-C, et al. How to get one's voice heard: the problems of the discharge planning conference. J Adv Nurs 2006:53:646–55.
- 37 Gladden JC. Information exchange: critical connections to older adult decision-making during health care transitions. *Geriatr Nurs* 2000;21:213–8.
- 38 Jeffs L, Saragosa M, Law M, et al. Elucidating the information exchange during interfacility care transitions: insights from a qualitative study. BMJ Open 2017;7:e015400.
- 39 Jeffs L, Saragosa M, Law MP, et al. The role of caregivers in interfacility care transitions: a qualitative study. Patient Prefer Adherence 2017;11:1443–50.
- 40 Jewell SE. Discovery of the discharge process: a study of patient discharge from a care unit for elderly people. J Adv Nurs 1993;18:1288–96.
- 41 Magilvy JK, Congdon JG. The crisis nature of health care transitions for rural older adults. *Public Health Nurs* 2000;17:336–45.
- 42 McWilliam CL, Sangster JF. Managing patient discharge to home: the challenges of achieving quality of care. *Int J Qual Health Care* 1994;6:147–61.
- 43 Palonen M, Kaunonen M, Åstedt-Kurki P. Family involvement in emergency department discharge education for older people. J Clin Nurs 2016;25:3333–44.
- 44 Slatyer S, Toye C, Popescu A, et al. Early re-presentation to hospital after discharge from an acute medical unit: perspectives of older patients, their family caregivers and health professionals. J Clin Nurs 2013;22:445–55.
- 45 Smallegan M. Decision making for nursing home admission: a preliminary study. J Gerontol Nurs 1981;7:280–5.
- 46 Toscan J, Mairs K, Hinton S, et al. Integrated transitional care: patient, informal caregiver and health care provider perspectives on care transitions for older persons with hip fracture. Int J Integr Care 2012;12:e13.
- 47 Toscan J, Manderson B, Santi SM, et al. "Just another fish in the pond": the transitional care experience of a hip fracture patient. Int J Integr Care 2013;13:e023.
- 48 Trigg L, Kumpunen S, Holder J, et al. Information and choice of residential care provider for older people: a comparative study in England, the Netherlands and Spain. Ageing Soc 2018;38:1121–47.
- 49 Wells DL. A critical ethnography of the process of discharge decision-making for elderly patients. Can. J. Aging 1997;16:682–99.
- 50 Wells DL, LeClerc CM, Craig D, et al. Evaluation of an integrated model of discharge planning: achieving quality discharges in an efficient and ethical way. Can J Nurs Res 2002;34:103–22.
- 51 McWilliam CL. From hospital to home: elderly patients' discharge experiences. Fam Med 1992;24:457–68.
- 52 Bull MJ, Roberts J. Components of a proper hospital discharge for elders. J Adv Nurs 2001;35:571–81.
- 53 Durocher E, Gibson BE, Rappolt S. Rehabilitation as "destination triage": a critical examination of discharge planning. *Disabil Rehabil* 2017;39:1271–8.
- 54 Efraimsson E, Rasmussen BH, Gilje F, et al. Expressions of power and powerlessness in discharge planning: a case study of an older woman on her way home. J Clin Nurs 2003;12:707–16.
- 55 Hedberg B, Johanson M, Cederborg A-C. Communicating stroke survivors' health and further needs for support in care-planning meetings. J Clin Nurs 2008;17:1481–91.
- 56 Poole M, Bond J, Emmett C, et al. Going home? An ethnographic study of assessment of capacity and best interests in people with dementia being discharged from hospital. BMC Geriatr 2014;14:56.
- 57 Toles M, Colón-Emeric C, Naylor MD, et al. Transitional care in skilled nursing facilities: a multiple case study. BMC Health Serv Res 2016:16:186.
- 58 Popejoy LL. Complexity of family caregiving and discharge planning. J Fam Nurs 2011;17:61–81.
- 59 Dill AE. The ethics of discharge planning for older adults: an ethnographic analysis. Soc Sci Med 1995;41:1289–99.

- 60 McWilliam CL, Brown JB, Carmichael JL, et al. A new perspective on threatened autonomy in elderly persons: the disempowering process. Soc Sci Med 1994;38:327–38.
- 61 Robinson CA, Bottorff JL, Lilly MB, et al. Stakeholder perspectives on transitions of nursing home residents to hospital emergency departments and back in two Canadian provinces. J Aging Stud 2012;26:419–27.
- 62 Stolee P, Elliott J, Byrne K, et al. A framework for supporting postacute care transitions of older patients with hip fracture. J Am Med Dir Assoc 2019;20:414–9.
- 63 Ayele R, Jones J, Ladebue A, et al. Perceived costs of care influence post-acute care choices by clinicians, patients, and caregivers. J Am Geriatr Soc 2019;67:703–10.
- 64 Mead LC, Eckert JK, Zimmerman S, et al. Sociocultural aspects of transitions from assisted living for residents with dementia. Gerontologist 2005;45 Spec No 1:115–23.
- 65 Jenkins CL. Care arrangement decisions for frail older women: quantitative and qualitative perspectives. *J Women Aging* 2000;12:3–20.
- 66 Magilvy JK, Lakomy JM. Transitions of older adults to home care. Home Health Care Serv Q 1992;12:59–70.
- 67 Veneklasen L, Miller V. Power and empowerment. PLA Notes 2002;43:39–41.
- 68 Joseph-Williams N, Edwards A, Elwyn G. Power imbalance prevents shared decision making. BMJ 2014;348:g3178.
- 69 Kaminskiy E. The elephant in the room: a theoretical examination of power for shared decision making in psychiatric medication management. Social Inclusion 2015;4:20.
- 70 Thomas A, Kuper A, Chin-Yee B, et al. What is "shared" in shared decision-making? Philosophical perspectives, epistemic justice, and implications for health professions education. J Eval Clin Pract 2020;26:409–18.
- 71 Brown SL, Salmon P. Reconciling the theory and reality of shared decision-making: A "matching" approach to practitioner leadership. *Health Expect* 2019;22:275–83.
- 72 Waddell A, Lennox A, Spassova G, et al. Barriers and facilitators to shared decision-making in hospitals from policy to practice: a systematic review. *Implement Sci* 2021;16:74.
- 73 Elwyn G, Frosch DL, Kobrin S. Implementing shared decision-making: consider all the consequences. *Implementation Sci* 2015;11:114.
- 74 Tan ASL, Mazor KM, McDonald D, et al. Designing shared decision-making interventions for dissemination and Sustainment: can implementation science help translate shared decision making into routine practice? MDM Policy Pract 2018;3:2381468318808503.
- 75 Scholl I, LaRussa A, Hahlweg P, et al. Organizational- and system-level characteristics that influence implementation of shared decision-making and strategies to address them a scoping review. Implementation Sci 2018;13:40.
- 76 Barreto EA, Guzikowski S, Michael C, et al. The role of race, ethnicity, and language in care transitions. Am J Manag Care 2021;27:e221–5.
- 77 Mudrazija S, Thomeer MB, Angel JL. Gender differences in institutional long-term care transitions. Womens Health Issues 2015;25:441–9.
- 78 Poulin LIL, Skinner MW, Hanlon N. Rural gerontological health: emergent questions for research, policy and practice. Soc Sci Med 2020;258:113065.
- 79 CBC News. Ontario hospitals allowed to transfer patients without consent, 2021. Available: https://www.cbc.ca/news/canada/toronto/ ontario-emergency-orders-hospitals-1.5982362 [Accessed 03 Oct 2021].
- 80 Dunham J. Should you remove your loved one from a long-term care home?. CTV News [Internet], 2020. Available: https://www.ctvnews. ca/health/coronavirus/should-you-remove-your-loved-one-from-along-term-care-home-1.4890219 [Accessed 07 Nov 2020].
- 81 Graham J. Should you bring your mom home from assisted living during the pandemic? KNH [Internet], 2020. Available: https://khn. org/news/should-you-bring-mom-home-from-assisted-living-during-the-pandemic/
- 82 Grant K, Stuek W. Families face tough call over removing loved ones from long-term care. the Globe and Mail [Internet], 2020. Available: https://www.theglobeandmail.com/canada/article-families-face-tough-call-over-removing-loved-ones-from-long-term-care/ [Accessed 07 Nov 2020].
- 83 Welsh M. Families struggle with "difficult decision" whether to remove loved ones from long-term care homes amid pandemic. Toronto Star [Internet], 2020. Available: https://www.thestar.com/news/canada/2020/04/06/families-struggle-with-difficult-decision-whether-to-remove-loved-ones-from-long-term-care-homes-amid-pandemic.html?rf [Accessed 07 Nov 2020].

Supplementary File 1.

MEDLINE search strategy

Continuity of Patient Care/ Patient Transfer/ 3 Patient Handoff/ 4 Patient Navigation/ 5 Aftercare/ Transitional Care/ 7 Patient Discharge/ 8 Retention in Care/ (care adj3 (plan or plans or plann* or contin* or transiti* or transfer* or journ* or path* or coordinat*)).tw,kf. ((patient* or client*) adj3 (transiti* or transport* or transfer* or handoff* or hand off* or discharge*)).tw,kf. ((optimal or ideal or plan or plans or plann*) adj2 (transiti* or transfer* or handoff* 11 or hand off* or discharge*)).tw,kf. (aftercare or after care).tw,kf. 12 13 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 14 Decision Making/ Clinical Decision-Making/ 15 16 Patient Participation/ Patient-Centered Care/ 17 Patient Preference/ 18 19 Decision Support Systems, Clinical/ 20 Decision Support Techniques/ 21 Goals/ 22 ((make or making) adj3 decision*).tw,kf. ((share* or joint* or collaborat* or mutual* or transition* or discharg*) adj2 23 (decision* or negotiat* or plan*)).tw,kf.

- 24 ((patient* or client* or carer* or care giv* or caregiv* or family or families or provider* or clinician* or health professional* or medical professional* or clinician*) adj3 (decide or deciding or decision* or participat* or preferenc* or choice* or choos* or autonom* or engage* or involv* or agency or value* or expect* or desire* or attitud*)).tw,kf.
- 25 (patient centered or patient centred or client centered or client centred).tw,kf.
- 26 (individuali#ed adj2 care).tw,kf.
- 27 (decision* adj2 support*).tw,kf.
- 28 ((goal* or priorit*) adj3 (care* or set or sett*)).tw,kf.
- 29 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28
- 30 exp Aged/
- 31 Geriatrics/
- 32 (aged or senior* or elder* or geriatric* or gerontolog*).tw,kf.
- 33 (old* adj3 (age* or people or peoples or person or persons or men or women or man or woman or adult* or patient* or client*)).tw,kf.
- 34 30 or 31 or 32 or 33
- 35 Caregivers/
- 36 Family/
- 37 Adult Children/
- 38 Spouses/
- 39 Parents/
- 40 Friends/
- 41 ((nonprofessional* or non professional* or informal or unpaid or volunteer* or relative or relatives or peer or peers or spous* or parent or parents or father or fathers or mother or mothers or friend or friends or neighbo?r or neighbo?rs or sister* or brother* or sibling* or offspring or son or sons or daughter* or adult child*) adj3 (help* or care or caring or support* or aid or aids or aided or aiding or assist* or succor*)).tw,kf.
- 42 (care giv* or caregiv* or carer* or family or families).tw,kf.
- 43 35 or 36 or 37 or 38 or 39 or 40 or 41 or 42

- 44 exp Health Personnel/
- 45 exp Health Occupations/
- 46 (provider or providers or professional or professionals or practitioner or practitioners or clinician or clinicians or specialist or specialists or doctor or doctors or physician or physicians or nurse or nurses or social worker or social workers or physiotherapist or physiotherapists or therapists or therapists or case worker or case workers or manager or managers or pharmacist or pharmacists or dietician or dieticians or nutritionist or nutritionists or coordinator or coordinators or discharge planner or discharge planners or transition planner or transition planners).tw,kf.
- 47 44 or 45 or 46
- 48 13 and 29 and 34 and 43 and 47

EMBASE search strategy

- 1 patient care planning/
- 2 clinical handover/
- 3 aftercare/
- 4 transitional care/
- 5 hospital discharge/
- 6 (care adj3 (plan or plans or plann* or contin* or transiti* or transfer* or journ* or path* or coordinat*)).tw,kw.
- 7 ((patient* or client*) adj3 (transiti* or transport* or transfer* or hand off* or discharge*)).tw,kw.
- 8 ((optimal or ideal or plan or plans or plann*) adj2 (transiti* or transfer* or handoff* or hand off* or discharge*)).tw,kw.
- 9 (aftercare or after care).tw,kw.
- 10 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9
- 11 exp decision making/
- 12 clinical decision making/
- 13 patient participation/
- 14 patient preference/

- decision support system/
- 16 ((make or making) adj3 decision*).tw,kw.
- 17 ((share* or joint* or collaborat* or mutual* or transition* or discharg*) adj2 (decision* or negotiat* or plan*)).tw,kw.
- ((patient* or client* or carer* or care giv* or caregiv* or family or families or provider* or clinician* or health professional* or medical professional* or clinician*) adj3 (decide or deciding or decision* or participat* or preferenc* or choice* or choos* or autonom* or engage* or involv* or agency or value* or expect* or desire* or attitud*)).tw,kw.
- 19 (patient centered or patient centred or client centered or client centred).tw,kw.
- 20 (individuali#ed adj2 care).tw,kw.
- 21 (decision* adj2 support*).tw,kw.
- 22 ((goal* or priorit*) adj3 (care* or set or sett*)).tw,kw.
- 23 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22
- 24 exp aged/
- 25 geriatrics/
- 26 gerontology/
- 27 (aged or senior* or elder* or geriatric* or gerontolog*).tw,kw.
- 28 (old* adj3 (age* or people or peoples or person or persons or men or women or man or woman or adult* or patient*)).tw,kw.
- 29 24 or 25 or 26 or 27 or 28
- 30 caregiver/
- 31 caregiver support/
- 32 family/
- 33 adult child/
- 34 spouse/
- 35 parent/
- 36 ((nonprofessional* or non professional* or informal or unpaid or volunteer* or relative or relatives or peer or peers or spous* or parent or parents or father or fathers or mother or mothers or friend or friends or neighbo?r or neighbo?rs or

sister* or brother* or sibling* or offspring or son or sons or daughter* or adult child*) adj3 (help* or care or caring or support* or aid or aids or aided or aiding or assist* or succor*)).tw,kw.

- 37 (care giv* or caregiv* or carer* or family or families).tw,kw.
- 38 30 or 31 or 32 or 33 or 34 or 35 or 36 or 37
- 39 health practitioner/
- 40 exp health care personnel/
- 41 (provider or providers or professional or professionals or practitioner or practitioners or clinician or clinicians or specialist or specialists or doctor or doctors or physician or physicians or nurse or nurses or social worker or social workers or physiotherapist or physiotherapists or therapist or therapists or case worker or case workers or manager or managers or pharmacist or pharmacists or dietician or dieticians or nutritionist or nutritionists or coordinator or coordinators or discharge planner or discharge planners or transition planner or transition planners).tw,kw.
- 42 39 or 40 or 41
- 43 10 and 23 and 29 and 38 and 42

CINAHL Plus search strategy

- S1 (MH "Continuity of Patient Care")
- S2 (MH "Transfer, Discharge")
- S3 (MH "Hand Off (Patient Safety)")
- S4 (MH "Patient Navigation")
- S5 (MH "After Care")
- S6 (MH "Transitional Care")
- S7 (MH "Patient Discharge") OR (MH "Discharge Planning")
- S8 TI (care N3 (plan or plans or plann* or contin* or transiti* or transfer* or journ* or path* or coordinat*))
- S9 AB (care N3 (plan or plans or plann* or contin* or transiti* or transfer* or journ* or path* or coordinat*))
- S10 TI ((patient* or client*) N3 (transiti* or transport* or transfer* or hand off* or discharge*))
- S11 AB ((patient* or client*) N3 (transiti* or transport* or transfer* or hand off* or discharge*))
- S12 TI ((optimal or ideal or plan or plans or plann*) N2 (transiti* or transfer* or handoff* or hand off* or discharge*))
- S13 AB ((optimal or ideal or plan or plans or plann*) N2 (transiti* or transfer* or handoff* or hand off* or discharge*))

- S14 TI (aftercare or after care)
- S15 AB (aftercare or after care)
- S16 S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12 OR S13 OR S14 OR S15
- S17 (MH "Decision Making") OR (MH "Decision Making, Shared") OR (MH "Decision Making, Patient") OR (MH "Decision Making, Family") OR (MH "Decision Making, Ethical") OR (MH "Decision Making, Clinical")
- S18 (MH "Patient Centered Care")
- S19 (MH "Patient Preference")
- S20 (MH "Decision Support Systems, Clinical") OR (MH "Decision Support Techniques")
- S21 (MH "Goals and Objectives") OR (MH "Goal-Setting")
- S22 TI ((make or making) N3 decision*)
- S23 AB ((make or making) N3 decision*)
- S24 TI ((share* or joint* or collaborat* or mutual* or transition* or discharg*) N2 (decision* or negotiat* or plan*))
- S25 AB ((share* or joint* or collaborat* or mutual* or transition* or discharg*) N2 (decision* or negotiat* or plan*))
- S26 TI ((patient* or client* or carer* or care giv* or caregiv* or family or families or provider* or clinician* or health professional* or medical professional* or clinician*)
 N3 (decide or deciding or decision* or participat* or preferenc* or choice* or choos* or autonom* or engage* or involv* or agency or value* or expect* or desire* or attitud*))
- S27 AB ((patient* or client* or carer* or care giv* or caregiv* or family or families or provider* or clinician* or health professional* or medical professional* or clinician*)

 N3 (decide or deciding or decision* or participat* or preferenc* or choice* or choos* or autonom* or engage* or involv* or agency or value* or expect* or desire* or attitud*))
- S28 TI (patient centered or patient centred or client centered or client centred)
- S29 AB (patient centered or patient centred or client centered or client centred)
- S30 TI (decision* N2 support*)
- S31 AB (decision* N2 support*)
- S32 TI ((goal* or priorit*) N3 (care* or set or sett*))
- S33 AB ((goal* or priorit*) N3 (care* or set or sett*))
- S34 TI (individuali?ed N2 care)
- S35 AB (individuali?ed N2 care)
- S36 S17 OR S18 OR S19 OR S20 OR S21 OR S22 OR S23 OR S24 OR S25 OR S26 OR S27 OR S28 OR S29 OR S30 OR S31 OR S32 OR S33 OR S34 OR S35
- S37 (MH "Aged+") OR (MH "Aged, 80 and Over+")
- S38 (MH "Geriatrics")
- S39 (MH "Gerontologic Care")
- S40 TI (aged or senior* or elder* or geriatric* or gerontolog*)
- S41 AB (aged or senior* or elder* or geriatric* or gerontolog*)
- S42 TI (old* N3 (age* or people or peoples or person or persons or men or women or man or woman or adult* or patient* or client*))
- S43 AB (old* N3 (age* or people or peoples or person or persons or men or women or man or woman or adult* or patient* or client*))
- S44 S37 OR S38 OR S39 OR S40 OR S41 OR S42 OR S43
- S45 (MH "Caregiver Support")

- S46 (MH "Family")
- S47 (MH "Adult Children")
- S48 (MH "Spouses")
- S49 (MH "Parents")
- S50 TI ((nonprofessional* or non professional* or informal or unpaid or volunteer* or relative or relatives or peer or peers or spous* or parent or parents or father or fathers or mother or mothers or friend or friends or neighbo?r or neighbo?rs or sister* or brother* or sibling* or offspring or son or sons or daughter* or adult child*) N3 (help* or care or caring or support* or aid or aids or aided or aiding or assist* or succor*))
- S51 AB ((nonprofessional* or non professional* or informal or unpaid or volunteer* or relative or relatives or peer or peers or spous* or parent or parents or father or fathers or mother or mothers or friend or friends or neighbo?r or neighbo?rs or sister* or brother* or sibling* or offspring or son or sons or daughter* or adult child*) N3 (help* or care or caring or support* or aid or aids or aided or aiding or assist* or succor*))
- S52 TI (care giv* or caregiv* or carer* or family or families)
- S53 AB (care giv* or caregiv* or carer* or family or families)
- S54 S45 OR S46 OR S47 OR S48 OR S49 OR S50 OR S51 OR S52 OR S53
- S55 (MH "Health Personnel+")
- S56 TI (provider or providers or professional or professionals or practitioner or practitioners or clinician or clinicians or specialist or specialists or doctor or doctors or physician or physicians or nurse or nurses or social worker or social workers or physiotherapist or physiotherapists or therapists or case worker or case workers or manager or managers or pharmacist or pharmacists or dietician or dieticians or nutritionist or nutritionists or coordinator or coordinators or discharge planner or discharge planners or transition planner or transition planners)
- S57 AB (provider or providers or professional or professionals or practitioner or practitioners or clinician or clinicians or specialist or specialists or doctor or doctors or physician or physicians or nurse or nurses or social worker or social workers or physiotherapist or physiotherapists or therapists or case worker or case workers or manager or managers or pharmacist or pharmacists or dietician or dieticians or nutritionist or nutritionists or coordinator or coordinators or discharge planner or discharge planners or transition planner or transition planners)
- S58 S55 OR S56 OR S57
- S59 S16 AND S36 AND S44 AND S54 AND S58

PSYCinfo search strategy

- 1 "continuum of care"/
- 2 client transfer/
- 3 aftercare/
- 4 hospital discharge/
- 5 discharge planning/

- 6 (care adj3 (plan or plans or plann* or contin* or transiti* or transfer* or journ* or path* or coordinat*)).tw.
- 7 ((patient* or client*) adj3 (transiti* or transport* or transfer* or handoff* or hand off* or discharge*)).tw.
- 8 ((optimal or ideal or plan or plans or plann*) adj2 (transiti* or transfer* or handoff* or hand off* or discharge*)).tw.
- 9 (aftercare or after care).tw.
- 10 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9
- 11 decision making/
- 12 client participation/
- 13 client centered therapy/
- 14 client attitudes/
- 15 decision support systems/
- 16 goals/
- 17 goal setting/
- 18 ((make or making) adj3 decision*).tw.
- 19 ((share* or joint* or collaborat* or mutual* or transition* or discharg*) adj2 (decision* or negotiat* or plan*)).tw.
- 20 ((patient* or client* or carer* or care giv* or caregiv* or family or families or provider* or clinician* or health professional* or medical professional*) adj3 (decide or deciding or decision* or participat* or preferenc* or choice* or choos* or autonom* or engage* or involv* or agency or value* or expect* or desire* or attitud*)).tw.
- 21 (patient centered or patient centred or client centered or client centred).tw.
- 22 (individuali#ed adj2 care).tw.
- 23 (decision* adj2 support*).tw.
- 24 ((goal* or priorit*) adj3 (care* or set or sett*)).tw.
- 25 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24
- 26 aging/
- 27 geriatrics/

- 28 gerontology/
- 29 (aged or senior* or elder* or geriatric* or gerontolog*).tw.
- 30 (old* adj3 (age* or people or peoples or person or persons or men or women or man or woman or adult* or patient* or client*)).tw.
- 31 26 or 27 or 28 or 29 or 30
- 32 caregivers/
- 33 family/
- 34 adult offspring/
- 35 spouses/
- 36 parents/
- 37 ((nonprofessional* or non professional* or informal or unpaid or volunteer* or relative or relatives or peer or peers or spous* or parent or parents or father or fathers or mother or mothers or friend or friends or neighbo?r or neighbo?rs or sister* or brother* or sibling* or offspring or son or sons or daughter* or adult child*) adj3 (help* or care or caring or support* or aid or aids or aided or aiding or assist* or succor*)).tw.
- 38 (care giv* or caregiv* or carer* or family or families).tw.
- 39 32 or 33 or 34 or 35 or 36 or 37 or 38
- 40 exp health personnel/
- 41 (provider or providers or professional or professionals or practitioner or practitioners or clinician or clinicians or specialist or specialists or doctor or doctors or physician or physicians or nurse or nurses or social worker or social workers or physiotherapist or physiotherapists or therapists or case worker or case workers or manager or managers or pharmacist or pharmacists or dietician or dieticians or nutritionist or nutritionists or coordinator or coordinators or discharge planner or discharge planners or transition planner or transition planners).tw.
- 42 40 or 41
- 44 10 and 25 and 31 and 39 and 42

AgeLine search strategy

S1 (((DE "Transition") OR (DE "Discharge Planning")) OR (DE "Patient Discharges"))

- S2 TI (care N3 (plan or plans or plann* or contin* or transiti* or transfer* or journ* or path* or coordinat*))
- S3 AB (care N3 (plan or plans or plann* or contin* or transiti* or transfer* or journ* or path* or coordinat*))
- S4 TI ((patient* or client*) N3 (transiti* or transport* or transfer* or handoff* or hand off* or discharge*))
- S5 AB ((patient* or client*) N3 (transiti* or transport* or transfer* or handoff* or hand off* or discharge*))
- S6 TI ((optimal or ideal or plan or plans or plann*) N2 (transiti* or transfer* or handoff* or hand off* or discharge*))
- S7 AB ((optimal or ideal or plan or plans or plann*) N2 (transiti* or transfer* or handoff* or hand off* or discharge*))
- S8 TI (aftercare or after care)
- S9 AB (aftercare or after care)
- S10 S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9
- S11 (DE "Decision Making") OR (DE "Individualized Care")
- S12 TI ((make or making) N3 decision*)
- S13 AB ((make or making) N3 decision*)
- S14 TI ((share* or joint* or collaborat* or mutual* or transition* or discharg*) N2 (decision* or negotiat* or plan*))
- S15 AB ((share* or joint* or collaborat* or mutual* or transition* or discharg*) N2 (decision* or negotiat* or plan*))
- S16 TI ((patient* or client* or carer* or care giv* or caregiv* or family or families or provider* or clinician* or health professional* or medical professional* or clinician*)

 N3 (decide or deciding or decision* or participat* or preferenc* or choice* or choos* or autonom* or engage* or involv* or agency or value* or expect* or desire* or attitud*))
- S17 AB ((patient* or client* or carer* or care giv* or caregiv* or family or families or provider* or clinician* or health professional* or medical professional* or clinician*)

 N3 (decide or deciding or decision* or participat* or preferenc* or choice* or choos* or autonom* or engage* or involv* or agency or value* or expect* or desire* or attitud*))
- S18 TI (patient centered or patient centred or client centered or client centred)
- S19 AB (patient centered or patient centred or client centered or client centred)
- S20 TI (decision* N2 support*)
- S21 AB (decision* N2 support*)
- S22 TI ((goal* or priorit*) N3 (care* or set or sett*))
- S23 AB ((goal* or priorit*) N3 (care* or set or sett*))
- S24 TI (individuali?ed N2 care)
- S25 AB (individuali?ed N2 care)
- S26 S11 OR S12 OR S13 OR S14 OR S15 OR S16 OR S17 OR S18 OR S19 OR S20 OR S21 OR S22 OR S23 OR S24 OR S25
- S27 (((((DE "Old Old") OR (DE "Older Adults")) OR (DE "Frail Elderly")) OR (DE "Geriatrics")) OR (DE "Gerontology")
- S28 TI (aged or senior* or elder* or geriatric* or gerontolog*)
- S29 AB (aged or senior* or elder* or geriatric* or gerontolog*)

- S30 TI (old* N3 (age* or people or peoples or persons or men or women or man or woman or adult* or patient* or client*))
- AB (old* N3 (age* or people or peoples or person or persons or men or women or man or woman or adult* or patient* or client*))
- S32 S27 OR S28 OR S29 OR S30 OR S31
- S33 ((((((DE "Caregivers") OR (DE "Family Assistance")) OR (DE "Adult Children")) OR (DE "Spouses")) OR (DE "Parents")) OR (DE "Friends")
- S34 TI ((nonprofessional* or non professional* or informal or unpaid or volunteer* or relative or relatives or peer or peers or spous* or parent or parents or father or fathers or mother or mothers or friend or friends or neighbo?r or neighbo?rs or sister* or brother* or sibling* or offspring or son or sons or daughter* or adult child*) N3 (help* or care or caring or support* or aid or aids or aided or aiding or assist* or succor*))
- S35 AB ((nonprofessional* or non professional* or informal or unpaid or volunteer* or relative or relatives or peer or peers or spous* or parent or parents or father or fathers or mother or mothers or friend or friends or neighbo?r or neighbo?rs or sister* or brother* or sibling* or offspring or son or sons or daughter* or adult child*) N3 (help* or care or caring or support* or aid or aids or aided or aiding or assist* or succor*))
- S36 TI (care giv* or caregiv* or carer* or family or families)
- S37 AB (care giv* or caregiv* or carer* or family or families)
- S38 S33 OR S34 OR S35 OR S36 OR S37
- S39 DE "Health Personnel" OR DE "Hospital Personnel" OR DE "Institutional Personnel" OR DE "Nurse Practitioners" OR DE "Nurses" OR DE "Nurses Aides" OR DE "Pharmacists" OR DE "Physician Assistants" OR DE "Physicians"
- S40 TI (provider or providers or professional or professionals or practitioner or practitioners or clinician or clinicians or specialist or specialists or doctor or doctors or physician or physicians or nurse or nurses or social worker or social workers or physiotherapist or physiotherapists or therapists or case worker or case workers or manager or managers or pharmacist or pharmacists or dietician or dieticians or nutritionist or nutritionists or coordinator or coordinators or discharge planner or discharge planners or transition planner or transition planners)
- S41 AB (provider or providers or professional or professionals or practitioner or practitioners or clinician or clinicians or specialist or specialists or doctor or doctors or physician or physicians or nurse or nurses or social worker or social workers or physiotherapist or physiotherapists or therapist or therapists or case worker or case workers or manager or managers or pharmacist or pharmacists or dietician or dieticians or nutritionist or nutritionists or coordinator or coordinators or discharge planner or discharge planners or transition planner or transition planners)
- S42 S39 OR S40 OR S41
- S43 S10 AND S26 AND S32 AND S38 AND S42

Supplementary File 2. Breakdown of factors influencing transition planning and decisions by record.

	Institutional Priorities and Requirements	Resources	Knowledge	Risk	Group Structure and dynamic	Health and support needs	Personality, preferences and beliefs
Ayele (2019)	X	X	X				
Bailey (2016)		X			X		
Bull (1996)	X	X	X		X		
Bull (2001)	X	X	X		X	X	X
Congdon (1994)		X			X		
Dill (1995)	X	X		X	X	X	X
Durocher (2017a)	X	X	X	X		X	
Durocher (2017b)			X	X	X		X
Durocher (2018)		X		X		X	X
Efraimsson (2003)	X		X		X		X
Efraimsson (2006)						X	X
Gladden (2000)	X	X	X			X	
Hedberg (2008)	X	X				X	X
Hicks (2012)	X	X	X	X	X	X	X
Jeffs (2017a)			X			X	
Jeffs (2017b)		X	X		X	X	
Jewell (1993)		X	X		X	X	
Magilvy (1991)		X				X	
Magilvy (2000)	X	X	X				X
McWilliam (1992)		X			X		X
McWilliam (1994a)	X	X	X		X		
McWilliam (1994b)					X		X
Palonen (2016)	X	X	X		X		
Poole (2014)		X	X	X	X	X	X
Popejoy (2011)		X			X	X	X
Rhynas (2018)		X		X		X	X
Robinson (2012)	X	X	X		X	X	X
Slatyer (2013)	X		X		X		
Toscan (2012)	X	X	X		X		
Toscan (2013)	X		X		X		
Trigg (2018)		X	X			X	X
Wells (1997)	X	X	X			X	
Wells (2002)			X		X		
Jenkins (2000)		X		X		X	X

Mead (2005)	X	X		X	X	X
Smallegan (1981)		X			X	X
Stolee (2019)	X	X	X	X		
Toles (2012)			X		X	X
Toles (2016)			X	X	X	

Supplementary File 3. Main findings related to transition planning and decision-making.

Author (Year)	Aim	Participants	Main settings	Major findings related to transition planning and decision-making
Ayele (2019)	To understand the role of perceived costs in decision making about post-acute care around the time of hospital discharge.	S (n=34) C (n=23) P (n=45)	Hospital >> SNF	 Perceived costs of post-acute care had an important impact on transition decision-making. Insurance coverage and perceived costs of care constrained transition options and decisions. Some hospital professionals changed their treatment recommendations based on the patients' insurance coverage.
Bailey (2016)	To explore the experiences of patients with advanced COPD and lung cancer, their carers and their health professionals following emergency admission to the hospital.	S (n=39) C (n=20) P (n=50)	Hospital >> Home	 During recovery, decisions were made by hospital staff and not communicated with patients or family. Caregivers were often excluded from planning, and information about care was often conveyed inaccurately, or was vague and confusing. There was a lack of continuity in care where information was not transferred successfully between the hospital and community, and patients often reported waiting for updates on their care plans.
Bull (1996)	To describe the nature of the difficulties encountered by elders and family caregivers following hospitalization, and identify the system constraints encountered in	S (n=25) C (n=253) P (n=38)	Hospital >> Home (or other community setting)	 Communication gaps existed between health professionals, older adults and families. This resulted in problems with care and conflicting information being presented to the older adult and their caregiver. Health professionals reported having inadequate time for discharge planning and felt pressure from insurance companies to discharge quickly. Older adults and families were typically not involved in discharge planning and as a result often left the hospital with inadequate information.

	planning for discharge.			Rural areas had less resources available for the transition, so professionals needed to expend extra effort to arrange care.
Bull (2001)	The purpose of this study was to identify the components of effective discharge planning for elders and factors that impede planning.	S (n=2) C (n=1) P (n=21)	Hospital >> Home; Nursing home	 A 'proper' discharge relies on strong communication and trust between members of the multidisciplinary team, the patient, their family and the community professionals. Discharge planning involves four key stages: (a) getting to know the patient; (b) setting a discharge date; (c) getting ready to go home; and (d) making the transition. Older adults and families were not always included in discharge planning and were purposively excluded when the professionals thought the decision would upset them. In these cases, plans often had to be revised.
Congdon (1994)	To gather information about the hospital discharge experience from elderly patients, their family members and nurses.	S (n=8) C (n=8) P (n=8)	Hospital >> Home or nursing home	 Perceived readiness for discharge varied between participants, with patients believing they were ready, family members believing the patient was not ready, and nurses feeling uncertain. Family support was a key determinant in the discharge destination of the patient. The availability of family support resulted in patients' transfer to homes in the community, rather than nursing homes. Decisions were made by the health professionals without the participation of patients and families. Some patients and families found ways to normalize their lack of involvement.
Dill (1995)	To augment current critical examinations of the principle of autonomy in medical decision making.	S (n=3+) C (n=3+) P (n=NA)	Hospital >> Home or Nursing home	 Those who can authorize decisions are not always those involved in the planning. Health professionals planned multiple discharge options, regardless of patient and family preferences, so that once a decision was made they could act quickly. Patients' decisional capacity was questioned when their views conflicted with the views of health professionals.

Durocher (2017a)	To examine how the intersection of various influences on the process of discharge planning and how these may lead to unintended outcomes.	S (n=5) C (n=7) P (n=8)	Hospital >> Home	 Health professionals established recommendations for discharge prior to family conferences. There was pressure on patients and families to meet these timelines. Discharge planning began on admission: some older adults and family members felt rushed and pressured to make decisions without sufficient information. Health professionals often prioritized safety over peoples' preferences and values; however, older adults expressed little concern over their safety.
Durocher (2017b)	To examine social and political influences affecting perspectives and practices associated with discharge planning with older adults.	S (n=5) C (n=7) P (n=8)	Hospital >> Home or unspecified	 All participants expected that as older people aged they would experience a loss of agency and reduced participation in decision-making. This lack of autonomy over decision-making was sometimes not a choice. Health professional participants privileged their own knowledge and expertise when determining the best course of action and privileged safety over all other factors influencing the decision. Family conferences did not encourage older adults' contributions. Plans reflected the health professionals' beliefs rather than the patients' goals.
Durocher (2018)	To discern relational approaches adopted by families in planning for the discharge of older adults from inpatient settings and to explore how such approaches may inform practice in	S (n=3) C (n=5) P (n=NA)	Hospital >> Rehabilitation >> Retirement Home or Home	 In this study, older adults either shared decision-making authority with their caregivers, or deferred it. In some cases, caregivers questioned the older adults' decisional capacity. Transition decisions required compromise from the older adults and caregivers who may have different preferences and beliefs.

	discharge planning with older adults.			
Efraimsson (2003)	To illuminate and describe the phenomenon of power as it appeared in a discharge planning conference.	S (n=1) C (n=3) P (n=3)	Hospital >> Nursing home	 This case study showed that in the discharge planning conference, the institutional frame was privileged over the client frame. At the conference, the hospital staff occupied most of the speaking time, often talking about the patient in the third person. The patient found the conference to be valuable; however, often lacked information on the transition options available and were unsure of how to obtain this information.
Efraimsson (2006)	To describe how patients, relatives, and healthcare professionals deal with the variety of problems and responsibilities that occur in discharge planning conferences and especially how they managed to do this given the institutional frame that surrounds the meeting.	S (n=8) C (n=8) P (n=23)	Hospital >> Home; nursing home	 There was a clear discrepancy between the ideological intent of the discharge planning conference and its actual realization. Multiple challenges emerged during discharge planning, particularly when patient and family preferences did not align with institutional routines and professional judgements. Patients and families needed fight to achieve their transition goals; however, if their transgressions were too obvious they were at risk of not being taken seriously.
Gladden (2000)	To describe the process of decision-making used by older adults, their	S (n=13) C (n=8) P (n=11)	Hospital >> Home; nursing home or basic care facility	 Patients and families perceived that they had little control over information exchange and transition decision-making. Patients and families were sometimes reluctant to seek information, and health professionals admitted to

Hedberg (2008)	families and care providers during admission into a discharge from subacute care settings. To illustrate how stroke survivors, their relatives, and different professionals participated and interacted in careplanning meetings when negotiating the stroke survivors' health and further needs of support from the health and social system	S (n=14) C (n=26) P (n=41)	Hospital or Rehabilitation Centre >> Not reported	 withholding information to reduce stress and anxiety for the patient. Patients, family members and health professionals felt mistrust towards one another, questioning the information provided and subsequent decisions. Health professionals took up more of the discourse time in care planning meetings than patients and family members. Communication during the care planning meetings could be broken down into two main activities: the 'assessment process' and the 'decision-making process'. Communicative alliances between different stakeholder groups in the care planning meetings were important in advancing with a decision. Alliances between patients and caregivers were particularly important for increasing patients' opportunities to influence decisions. When relatives were absent, there was an increased risk that the patients' perspective would not be taken into account.
Hicks (2012)	This paper examines the autonomy, choice, options and power in healthcare decision making for older people.	S (n=6) C (n=5) P (n=49)	Hospital >> Rehabilitation hospital >> Home	 Health professionals may question clients' choices when they do not align with their own. This can result in the choice being perceived as 'risky'. The older adult in this study learned over time that she did not have the freedom to choose among the different options, as she had limited resources and many 'options' were determined to be unrealistic or risky. The client felt limited control over the decision, rather it was borne by the health professionals and the institution.
Jeffs (2017a)	To explore the perceptions of patients, their	S (n=13) C (n=9) P (n=50)	Hospital	Patients and caregivers described being unaware of their transition plan. Professionals were often uncertain

	caregivers and healthcare professionals associated with the exchange of information during transition from hospital to rehab.		>> Rehabilitation Hospital	 whether the transition plan had been communicated to patients. Professionals withheld details of the plan from patients and caregivers until they knew what would be happening. Overall, professionals led decision-making about transitions and patients and caregivers had limited involvement and knowledge of the plans.
Jeffs (2017b)	This study was undertaken with the aim of gaining insight into the nature of caregiver involvement in care transitions of patients being transferred from two acute care hospitals to a rehab hospital.	S (n=13) C (n=9) P (n=50)	Hospital >> Rehabilitation Hospital	 Caregivers in this study were actively involved in the patient's transitional care, but were not actively engaged by health professionals. Caregivers advocated on behalf of the patient, provided care, and helped to organize the transitions. Patients and caregivers expressed concern that had the caregivers not been included in transition planning, the patient would not have understood the plan and their needs may not have been met.
Jenkins (2000)	To investigate how a range of care arrangement decisions for frail older unmarried women are made.	S (n=11) C (n=9) P (n=6)	Hospital >> Home; nursing home	 Family members played a central role in decision-making for care arrangements. In some cases, the unavailability of family members resulted in the older women preferences for care arrangements not being followed. Care arrangement decisions changed, often repeatedly, as their needs fluctuated.
Jewell (1993)	To establish areas of concern and importance to all those involved in, and affecting the	S (n=4) C (n=2) P (n=26)	Hospital >> Home, rest home, or nursing home	 Discharge in this study was viewed as an ongoing process that began upon admission. It was unclear if the patient and family were identified as team members during discharge planning and decision-making. Although staff implied this was the case, patients and families demonstrated non-involvement.

	discharge of patients.			Community personnel were also not involved in the planning, which created challenges and discontinuity in care.
Magilvy (1991)	To discover the process of admission and transition of older adults to home care following hospital discharge, or during periods of illness.	S (n=13) C (n=~13) P (n=47+)	Hospital >>> Home	 Patients transitions sometimes did not account for all of their care needs, or their living situation. Family members played a crucial role in facilitating the transition, by gathering information on available services. Community planners indicated that sometimes transition planning had not occurred, and they received patient referrals with little or no plan.
Magilvy (2000)	To examine the health care transition experiences of older adults, families and health care providers in a longitudinal rural ethnography.	S & C (n=49) P (n=113) O (n=13)	Various institutional and community transitions	 In many cases, family members were left alone to discover appropriate resources. Staff sometimes lacked knowledge of community services, making transition decisions more challenging. Patients and family members often not included in decision-making and didn't understand what was happening to them. Families experienced uncertainty over the best living arrangement for their loved one.
McWilliam (1992)	To describe hospital discharge as experienced by a group of elderly patients.	S (n=12) C (n=12) P (n=62)	Hospital >> Home	 Patients' mindset and attitudes towards ageing impacted the transition planning. All patients deferred decision-making to health professionals. Role confusion among health professionals led to social problems during discharge. Confusion existed between hospital staff and community staff. Physicians often did not attend family conferences where decisions were made. Communication challenges created problems for discharge, resulting in delay and confusion.
McWilliam (1994a)	To explore and describe factors	S (n=21) C (n=22)	Hospital >> Home	Professionals in the rural and urban settings made decisions with limited involvement from patients and

	other than medical condition and treatment which shaped the quality of discharge experiences of older patients.	P (n=127) O (n=23)		families. This led to learned helplessness from the patients. • Patients, families and professionals often lacked an understanding of the roles of others (e.g., the social worker, community care staff), which complicated decisions. • Patients, families and professionals complained about inadequate discharge teaching.
McWilliam (1994b)	To explore factors other than medical condition and treatment which contributed to discharge experiences of rural and urban patients.	S (n=21) C (n=22) P (n=127) O (n=23)	Hospital >> Home	 Patients with a positive mindset achieved control over their own care after discharge and remained successfully autonomous. In many cases, patients were comfortable deferring to professional authority. Professionals often adopted a paternalistic approach to treatment and decisions. The more negative a patient's mindset was, the more compromised their autonomy.
Mead (2005)	To explore the decision-making process regarding retention or transfer of persons with dementia.	S (n=23) C (n=20) P (n=19)	Assisted living facility >> Multiple	 Facility managers made relocation decisions, often based on perceptions of the facility's culture, the specific care requirements related to dementia, and the role of the family. Problematic behaviours (e.g., wandering) from patients influenced their admission and possible relocation from the facilities. Family members and residents had varied involvement in decision-making, including the process and timing and ultimate placement decision.
Palonen (2016)	To describe the experiences of emergency department service users and nurses regarding older	S (n=7) C (n=5) P (n=15)	Hospital >> Home	 Family members were sometimes expected to support decision-making when the patient's and staff views were different. Nurses in the study sometimes saw family involvement as a nuisance and challenge.

	peoples' discharge education.			The nurses encouraged family involvement in decision- making and viewed them as a resource in certain situations. Patients did not feel the family members should be left responsible to make decisions about discharge.
Poole (2014)	To understand how, on medical wards, judgements about capacity and best interests with respect to going home are made for people with dementia and how decision-making around hospital discharge for people with dementia and their families might be improved.	S (n=29) C (n=34) IP (n=35)	Hospital >> Home or care home	 Patients who were judged to have capacity were discharged home, and all those without capacity went to care homes. Patients' capacity fluctuated over time, and so decisions needed to be made at the right time. Perceptions of risk had a clear influence on assessments of capacity. If a person disagreed with the care team or wanted to make a decision that was viewed as "unsafe", they were likely to be determined to lack capacity. One narrative frequently dominated the decisions, and so any doubts about the patient capacity meant they might be disbelieved.
Popejoy (2011)	To examine decisions made by hospitalized older adults, families and care providers about hospital discharge.	S (n=13) C (n=12) P (n=7)	Hospital >> Home, nursing home	 Many older adults in this study didn't even consider a destination other than home. This option was more feasible when older adults were cared for by a spouse, rather than adult children. Some older adults made discharge plans alone and did not disclose their care needs to their children so they did not burden their family. Professionals had the task of reconciling differing opinions within families. Sometimes they were unable to change the minds of older adults and families who were resolute in their plans.

Rhynas (2018)	To gain understanding of the decision- making processes involved in the discharge of people admitted to hospital from home and discharged to a care home.	S (n=10) C (n=NA) P (n=NA)	Hospital >> Care home	 Absence of a family member in discharge planning resulted in limited consideration for patient preferences. In some cases, patients felt powerless to make decisions. Admission was often seen as the last straw for family members, who tried to rationalize their care home placement decisions. Often, families had difficulty reconciling the patients' current care needs with their expressed preferences. Professionals often used the language of risk to justify a care home discharge. This language objectified the individual's circumstances and excluded the individual from decision-making
Robinson (2012)	To identify key elements, from multiple perspectives, that influence the success of transition experienced by nursing home residents when they required transfer to a hospital emergency department.	S (n=7) C (n=20) P (n=44)	Nursing home >> Hospital >> Nursing home	 Having knowledge of the patient increased professionals' confidence in the transfer decision. When personal knowledge of the patient was not available, the transition was negatively affected (e.g., family absent). All stakeholder groups viewed family involvement as an important element for transitions. Families often filled the gaps, and were essential for successful transitions. However, health professionals and families sometimes clashed in what they believed were the best interests for the patient. Emergency departments were under pressure to discharge patients as soon as possible.
Slatyer (2013)	To explore the perceptions of older patients who re-presented to hospital within 28 days of discharge,	S (n=12) C (n=15) P (n=35)	Home or residential care >> Hospital >> Home or residential care	 Patients and families had difficulty recalling their communication with health professionals during admission. This resulted in them being discharged without awareness of their care and treatment needs. Most patients and families trusted the professionals to make decisions.

	their family caregivers, and care providers.			Families often involved in the decision to return to the hospital or to go see a general practitioner.
Smallegan (1981)	To gather informatio on the factors affecting decisions to admit a patient to a nursing home.	S (n=9) C (n=14) P (n=11)	Hospital; Home >> Nursing home	 Roughly half of the people admitted to the nursing home agreed they had a role in decision-making. However, in most cases, transition to the nursing home occurred when there were no other options available. In most cases, participants had no satisfactory options other than admission. Patients and their adult children were the most prominent decision-makers, and others were mostly consulted about the decision.
Stolee (2019)	To identify and conceptually organize the domains relvant to improving care transitions of older patients with hip fracture, so as to inform future ToC interventions.	S (n=23) C (n=19) P (n=92)	Multiple >> Multiple	 System constraints (e.g., rushed discharges) impeded transitions. Family members were interested in being involved in the care, but were not always included due to conflicting responsibilities and other contextual factors. Strong working relationships between professionals from the sites (as well as professionals, patients and families) helped to foster trust and ease transition.
Toles (2012)	To describe transitional care provided by existing staff in an skilled nursing facility and to explore the influence of staff interaction strategies on the	S (n=3) C (n=2) P (n=20)	Skilled nursing facility >> Home	 Family members were not consistently involved in care. In some cases, the staff were responsible for preparing the patient and family to go home, both in terms of ensuring necessary skills and also building confidence. Staff used three main interaction strategies to support transitional care: 1) creating connections with patients and families to integrate their preferences into the plan; 2) uncovering and relaying new information needed; and 3) engaging patients and families in problem solving conversations.

	delivery of			
Toles (2016)	transitional care. To describe how organizational structures and staff interactions are used by existing skilled nursing facility staff to deliver transitional care services.	S (n=3) C (n=2) P (n=49)	Skilled nursing facility >> Home	 Staff often did not engage family caregivers and sufficiently prepare them for the transition. In one facility, various meetings were held with staff, the patients and/or family to decide the patients care needs. Not all facilities had a care planning meeting with the patient/family, and in one facility the meeting was 2 days before the patient returned home. Communication challenges emerged in some facilities, for e.g. in one case the care coordinator planned the discharge date but the occupational therapist and physician were not aware that it was pending.
Toscan (2012)	To investigate care coordination for older hip fracture patients from multiple perspectives to determine the core factors related to poorly integrated care when patients transition from one care setting to another.	S (n=6) C (n=6) P (n=18)	Hospital >> Multiple (Home; Inpatient rehabilitation; Long-term care)	 Breakdowns in communication occurred between health professionals, making it difficult to make transition plans. Caregivers were even further removed from the flow of information. Patients did not feel central to their own care and expressed lack of involvement in decision-making. Professionals felt pressured to prioritize system needs (e.g. early discharge) over the needs of their patients. Patients felt rushed to recover and make decisions, and sometimes learned of decisions without remembering conversations about them.
Toscan (2013)	To explore the experience of transitional care over the complete care trajectory for a single hip fracture patient,	S (n=1) C (n=2) P (n=10)	Hospital >> Rehabilitation hospital >> Assisted living facility >> Home	 The patient and family felt left out of the decision-making processes around the transition. They also did not always know who to direct questions to. Professionals felt that the health care system's focus on discharge-centred care planning added pressure to initiate transitions early. Their discharge options were also restricted by the facilities' admission criteria.

Trigg (2018)	from multiple perspectives. To compare how people use quality information to choose residential care providers in England, the Netherlands, and Spain.	S (n=83) C (n=49) P (n=38)	Multiple (hospital, home) >> Care home	 Privacy barriers made communication between the facilities and family difficult. The most important information influencing decisions was that gathered during visits. Many of the decisions about transition were made with or on behalf of the older adult. Few residents were involved in both the decisions to move into residential care, and the selection of provider. Families and professionals felt that decisions needed to be taken away from the senior as they were not aware of their reduced ability to live independently.
Wells (1997)	To study the process of decision making for elderly patients over the total course of their hospital stay and the consequences of that process.	S (n=31) C (n=22) P (n=23)	Hospital >> Multiple (Home; residential care; chronic care; convalescence)	 In some cases, choices were restricted and so the quality information (e.g. care home indicators) provided was redundant. Discharge decision making often took place early in the patients' hospital stays, when the patient's condition was still fluctuating. Patients and families were only included sporadically. Decisions often had to be revised as the patient's condition progressed. Decisions were not tied to the patient's condition, but rather to their social situation (e.g., living arrangements, age of caregiver, etc.) Institutional priorities (e.g. get the patients out) were often emphasized over the patients interests, and families were pressured to accept the first place that became available.
Wells (2002)	To evaluate the process and impact of the Integrated Model of Discharge Planning.	S (n=48) C (n=~8) P (n=NA)	Hospital >> Home	 At both hospital sites, patients were involved in most of time discharge planning, and families were involved around 40% of the time. Community professionals were not always involved in discharge planning.

	Most patients and families were satisfied with the
	discharge process, and a few felt they were told to go
	before they were ready.

S= Senior or Older Adult; C = Caregiver; P = Provider or Health Professional