SYSTEMATIC REVIEW

What influences decisions to transfer older care-home residents to the emergency department? A synthesis of qualitative reviews

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Abstract

Background: care home residents aged over 65 have disproportionate rates of emergency department (ED) attendance and hospitalisation. Around 40% attendances may be avoidable, and hospitalisation is associated with harms. We synthesised the evidence available in qualitative systematic reviews of different stakeholders’ experiences of decisions to transfer residents to the ED.

Methods: six electronic databases, references and citations of included reviews and relevant policy documents were searched. Reviews of qualitative studies exploring factors that influenced care home staff, medical practitioners, residents’ family or residents’ experiences and factors influencing decisions to transfer residents to the ED were included. Thematic analysis was used to synthesise findings.

Results: six previous reviews were included, which synthesised the findings of 34 primary studies encompassing 152 care home residents, 283 resident family members or carers and 447 care home staff. Of the primary studies, 19 were conducted in the North America, seven in Australia, five were conducted in Scandinavia, two in the United Kingdom and one in Holland. Three themes were identified: (i) power dynamics between residents, family members, care home staff and health care professionals (external to the care home) influence decisions; (ii) admission can be necessary; however, (iii) some decisions may be driven by factors other than clinical need.

Conclusion: transfer decisions are complex and are determined not just by changes in health status interventions aimed at reducing avoidable transfers need to address the key role family members have in transfer decisions, the medical legal fears of care home staff and barriers to accessing community services.

Keywords: care homes, systematic review, qualitative research, older people

Key Points

• Decisions to transfer care home residents to hospital are complex and involve a hierarchy of decision-makers.
• Transfers of residents to hospital can occur with the expectation that treatment in hospital will improve outcomes.
• Some transfer decisions may be driven by factors other than clinical need.
Background

The proportion of the population aged over 65 and particularly aged over 85 is rapidly increasing in the United Kingdom and other European countries with ∼30% of Europeans projected to be aged over 65 and 12% aged over 80 by 2060 [1]. Currently, around 2.8% of all patients aged over 65 live in care home in the United Kingdom, but they account for 6.5% of emergency department (ED) attendances and 8% of emergency admissions in this age group [2]. Around 66% of residents are cognitively impaired and residents with advanced dementia have an average life expectancy of 18 months, when admitted to a care home [3, 4]. An estimated 40% of emergency admissions for care home residents may be avoidable [2]. It has been argued that given the high mortality rate and harms associated with hospital admission in care home residents urgent care pathways should focus on managing care home residents in the community [5, 6]. Despite this, once care home residents attend the ED, they are more likely to undergo diagnostic investigations and have prolonged inpatient admissions compared with other older patients [7].

Significant variability between ED attendance and hospital admission rates from different care homes has been previously identified using routine data in the United Kingdom [6]. Decisions to transfer residents to the ED are complex with residents, family and care home staff all potentially involved in decision-making [8]. Although there may be a preference to manage deteriorating residents in the care home, this may be prevented by fears of the consequences of not transferring residents professionally and on their relationships with family members [9]. Understanding what factors influence decision-making and how residents, family and care home staff interact to decide on ED transfer is important if interventions aimed at reducing unnecessary ED transfers are to be successful. Previous reviews of qualitative evidence focus on care home staff or family members’ perspectives on transfer decisions [10–12].

We aimed to synthesise the evidence available in existing qualitative systematic reviews of residents’ and key stakeholders’ experiences of decisions to transfer residents to the ED and factors that influence decision-making.

Methods

We undertook a review of qualitative systematic reviews, which is reported in accordance with enhancing transparency in reporting the synthesis of qualitative research (ENTREQ) guidance (Supplementary Material 1) [13]. The review was registered with the PROSPERO prospective register of systematic reviews and protocol is available at https://www.crd.york.ac.uk/prospero/display_record.php?RecordID=213068.

Search strategy

The full search strategy is available in Supplementary Material 2. Six electronic databases were searched: MEDLINE via OVIP-SP, EMBASE via OVID-SP, CINAHL via EBSCO, PsycINFO via OVID-SP, Science and Social Science Citation Indices via the Web of Science and Scopus. Reviews published before 2000 were excluded as they were conducted prior to the publication of key guidance regarding the management of care home residents in the acute hospital setting, including identifying which residents should be transferred to hospital [14]. Our search included the terms ‘qualitative research’, ‘mixed methods’, ‘Emergency Department’, ‘care homes’ and ‘nursing homes’. A search for factors that quantitatively predicted transfers from the ED was completed concurrently, as part of a wider project, the results of which are reported elsewhere [15].

Searches were also conducted to retrieve clinical guidelines, policy documents and reports related to transitions between hospital and care home settings from relevant websites that included National Institute for Health and Care Excellence, Health Foundation and Nuffield Trust. Reference checking and citation searches of several national guidelines, reports and reviews included: UK NICE quality standard 136 on transitions between hospital and care home settings, The Health Foundation report on hospital use by care home residents, a Nuffield Trust report on inpatient admissions of care home residents and four previous relevant reviews [2, 6, 16–20]. All included studies’ references and citations were searched.

Selection criteria

Reviews of primary qualitative studies explored factors that influenced care home staff, medical practitioners, residents’ family or residents’ decisions to transfer residents aged 65 or over to the ED in both facilities with and without on-site nursing were included. Qualitative study designs were defined as follows: interviews, focus groups, ethnographic studies and mixed method studies. Reviews that explored transfer decision-making in patients with specific conditions or in specific circumstances (e.g. dementia and decision-making in end-of-life care) were excluded as the experience and influences on decision-making may differ in these specific circumstances. Previously published systematic reviews reporting on studies written in languages other than English were also excluded to be included reviews needed to report systematic review methods including search strategies of multiple electronic databases and explicit inclusion and exclusion criteria of primary studies.

Identified studies were stored in EndNote X9. Following removal of duplicates two independent reviewers (C.M., M.T. or L.S. or A.C.) completed title and abstract screening. Full texts of all reviews that met the title and abstract inclusion criteria were retrieved. These were screened, and studies that were not systematic reviews addressing the topic of
A synthesis of qualitative reviews

Figure 1. PRISMA 2020 flow diagram for new systematic reviews that included searches of databases, registers and other sources. *The number of records identified from each database and search is reported in Supplementary Material 2. **Includes PhD thesis incorporating included review not identified by search strategy.

interest were excluded with documented reasons. Disagreements were resolved through discussion.

Data extraction, quality assessment and analysis

Data were extracted from included reviews with key characteristics summarised using a data extraction tool independently by two reviewers (C.M. and L.P.). As there are no specific quality assessment tools for quality appraisal of qualitative reviews, we used the Joanna Briggs Institute Critical Appraisal Tool for Systematic Reviews [21].

A thematic analysis was used to synthesise the evidence presented across the included reviews [22, 23]. This was performed by C.M. and L.P. The choice of thematic synthesis was to provide an insight into experiences of transfers and factors that influence transfer decisions. A summary of themes identified from primary studies was extracted from included reviews along with supporting direct quotes. Hierarchical coding was used to identify common and divergent descriptive themes across included reviews. From these descriptive themes, a synthesis of analytical themes between studies was generated relating to the experience of decisions to transfer residents to the ED and factors that influence decision-making.

Results

Search results

Our searches retrieved 4,125 records of which 1,041 were duplicates (Figure 1). Of these, 29 studies that met our title and abstract inclusion criteria were retrieved and assessed for inclusion [8, 10–12, 24–48]. Five systematic reviews were included following full-text screening [8, 10–12, 24]. Citation and reference searching of included reviews and relevant literature identified a further 18 studies for retrieval and assessment for inclusion [49–66]. Of these 18 studies, 2 further systematic reviews met the inclusion criteria [56, 58]. One review represented an abbreviated publication of a previously retrieved full report [10, 56]. The accompanying PhD thesis of an included review was also retrieved [11]. The reasons for exclusion of fully retrieved studies are documented in Supplementary Material 3. In total, six published reviews and accompanying full reports (not peer reviewed) of two of these reviews were included [8, 10–12, 24, 56, 58, 67].

Summary of included studies

The six included reviews and two accompanying full reports (published between 2012 and 2021) collectively synthesised the findings of 34 previous unique primary qualitative studies. Across the reviews of primary studies, two primary studies were referenced in five reviews, one primary study in four reviews, five studies in three reviews, eight studies in two reviews and 19 studies in one review. Of the unique primary studies: 13 were conducted in the USA, seven in Australia, six in Canada, five were conducted in Scandinavia, two in the United Kingdom and one in Holland. Two reviews included primary studies assessing the decision-making of care home
staff, residents and/or family members [8, 12]. Two reviews focused solely on staff decision-making [11, 56], one review focused on residents, family members or carers [58] and one review focused solely on family members’ experiences [24]. The unique primary studies from the included reviews encompassed interviews, focus groups and qualitative surveys encompassing 152 care home residents, 283 resident family members or carers and 447 care home staff (including directors, nursing staff, care assistants and clinical staff).

Table 1 summarises the included reviews aims and main findings. A more detailed summary is presented in Supplementary Material 4.

Quality

Supplementary Material 4 presents the quality assessment using the JBI tool. No reviews were excluded on the basis of quality; however, we were less confident in the findings of Trahan et al. [12] due to the identification of methodological weaknesses.

Synthesis

The qualitative synthesis of themes developed in the included reviews identified factors that influence decisions to transfer care home residents to hospital from the perspectives of residents, family members and care home staff. We explored factors that influence these decisions and lead to transfer. Three central themes were identified:

Theme 1: Transfer power dynamics. Transfer decisions involve negotiation with unequal power dynamics between residents, family members, care home staff and clinical practitioners.

All six reviews identified a hierarchy of decision-makers when determining if a resident should be transferred to hospital with care home staff and residents subordinate to family members and healthcare professionals. This was acknowledged from the perspective of care home staff: ‘there is a hierarchy amongst decision-makers and that this resulted in the exclusion of some key players . . . particularly the resident and . . . the RACF staff’ (Residential Aged Care Facilities) [10], there could be ‘conflicting stakeholder preferences’ in which family member could ‘force the hand’ of care home staff and ‘families maintain a position of power and this underlies nurses’ actions and interactions’ [8] [11].

Residents could feel excluded from decision-making, providing information to staff, family members and healthcare professionals who would make the final transfer decision; ‘Occasionally residents were asked to provide information during transfers but were not able to provide sufficiently detailed information. Sometimes residents felt ignored, or even described facilitating communication between professionals’ [58]. Nursing home nurses could use communication strategies to manage the power dynamics between different parties involved in transfer decisions to achieve the outcome they thought was needed. This was characterised as meta-syntheses including ‘Negotiating hierarchies of control: communicating with other key decision-makers’ [10] and ‘Nursing home nurses use persuasive and targeted communication techniques to manage and direct possible transfer situations’ [11]. Referenced primary studies outlined that care home staff may select information communicated to other health care professionals (external to the care home) or use targeted and persuasive communication techniques with family members in order to achieve transfers [11].

Despite their position of power, family members could be uncomfortable in their decision-making role especially when transfer decisions were made in the context of end-of-life planning. This was identified in the meta synthesizes ‘knowing, accepting and upholding resident wishes are challenges for family members’, ‘the extent of family members’ involvement in treatment and transfer decisions vary’ and ‘legal, regulatory and ethical concerns’ [24, 58]. Family members found being made responsible for do not resuscitate disorders emotionally distressing: ‘family members described the end-of-life choices as a particularly challenging aspect of their role . . . family members reported being upset about having to make life and death decisions’ [58]. Therefore despite their important position in decision-making family members could find decisions difficult and this could lead to delegation of decisions to others. Pulst et al. [24] explained in the synthesis ‘the extent of family members’ involvement in treatment and transfer decisions vary’ that due to feeling uncomfortable with such decision-making some family members ‘ceded/delegated decisions’ to care home staff or other healthcare professionals. However, particularly when family members were remote and only contacted during periods of deterioration their default could be transfer residents to hospital as a perceived place of safety: ‘family members at a geographic distance . . . wanted everything done’ [24], and ‘family members also perceived EDs to be safer’ [58].

Theme 2: Admission can be necessary. Some transfer decisions occur with the expectation that treatment in hospital is appropriate and will lead to improved quality of life or other outcomes.

Transfer decisions made positively with the expectation and aim of improving health comes for residents were characterised as being ‘resident dominant’ by Arendts et al. [8]. Some situations or types of resident illness were regarded as being better treated in a hospital setting, especially following an acute deterioration. This was described in the ‘supporting clinical outcomes’ domain in Arendts et al. [8] that cited excerpts from primary studies including: ‘participants suggested they would always transfer a resident who needed immediate, acute care that was only available in a hospital setting.’ In the synthesis ‘perceived severity of clinical situation affects the transfer decision’ Pulst et al. [24] cite primary studies that indicate family members perceive ‘Hospital care is clearly necessary for some conditions (e.g. fainting, broken bones, operations and heart problems)’ or ‘a dramatic change occurred’.

Transfer decisions with the aim of improving resident outcomes occurred irrespective of advance directives or
A qualitative review aiming to summarise
Systematically review qualitative literature
Summary of key findings
To report a meta-synthesis of qualitative
Meta-synthesis 1: the decision to transfer is complex. Nursing home nurses require clinical knowledge, skills and resources to assess and manage the deteriorating resident.
A systematic review of qualitative studies
A review of qualitative primary studies
Table 1. Summary of included reviews

| Author, year, number of studies included | Aim | Population | Summary of key findings |
|----------------------------------------|-----|------------|-------------------------|
| Laging et al. (2012, 17) | Nursing and care staff involved in decisions to transfer residents to hospital | Five key synthesised findings: (i) If staffing capacity to manage residents on-site is limited, more likely to feel residents will be compromised, (ii) Staff felt that they would be better placed to manage decisions to transfer away from their facility, (iii) Care home staff felt less able to manage residents who deteriorate and require hospital treatment, (iv) Capacity to manage residents on-site was critical to nurses’ ability to provide care on site, (v) Nurses felt unable to discuss the decision to transfer with residents. | Processed and managed the decision to transfer residents to hospital. Care home staff and residents involved in transfer decisions. Processed and managed the decision to transfer residents to hospital. Care home staff and residents involved in transfer decisions. |
| Arendts et al. (2013, 11) | Residents, family and care home staff. | Theme 1: the authors describe ‘resident dominant’ transfers, which occur due to external influences that decision-makers perceive as threatening the quality of life. Theme 2: the authors characterise ‘resident subordinate’ transfers, which occur due to external influences that decision-makers perceive as threatening the quality of life. | Processed and managed the decision to transfer residents to hospital. Care home staff and residents involved in transfer decisions. Processed and managed the decision to transfer residents to hospital. Care home staff and residents involved in transfer decisions. |
| O’Neill (2015, 13) | Meta-synthesis 2: families maintain a position of power and this underlies nurses’ actions and interactions. | Five categories: (i) Nursing: limitations in skills, knowledge, staffing and perceptions regarding medicolegal constraints led to transfers even when family members were not involved, (ii) Practitioner: support from specialist community practitioners could help avoid unnecessary transfers, (iii) Care home/facility: individual care homes had different policies that mandated transfer in specific situations, even if it was not beneficial for residents. Limited staff and other resources available in the care home led to avoidable transfers. (iv) Resident/family: staff felt resident/family wishes had to be prioritised over other considerations. A lack of end-of-life planning around hospitalisation create conflict and uncertainty. Nurses are more decisive and confident when a ‘plan’ is in place. | Processed and managed the decision to transfer residents to hospital. Care home staff and residents involved in transfer decisions. Processed and managed the decision to transfer residents to hospital. Care home staff and residents involved in transfer decisions. |
| Trahan et al. (2016, 8) | A mixed methods scoping review that aimed to identify characteristics of avoidable/unnecessary transfers of residents to the ED, and identify factors that influence decision-making by care home staff and family. | Five categories: (i) Infrastructure and processes in care homes to prevent and address emergencies and family members’ perceptions and experiences of medical emergencies in a care home setting. (ii) The decision to transfer to hospital (iii) Experiences of transfer and hospitalisation (iv) Good communication is vital for acceptable outcomes (v) Legal, regulatory and ethical concerns | Processed and managed the decision to transfer residents to hospital. Care home staff and residents involved in transfer decisions. Processed and managed the decision to transfer residents to hospital. Care home staff and residents involved in transfer decisions. |
| Pulst (2019, 10) | Family members | (i) Transfer decision is affected by family members’ judgement of quality of NH care. (ii) Transfer decision is affected by family members’ judgement on the quality of hospital care. (iii) Perceived severity of clinical situation affects the transfer decision. (iv) Knowing and acting on resident wishes is challenging for family members. (v) Extent of family members’ involvement in treatment and transfer decisions vary. | Processed and managed the decision to transfer residents to hospital. Care home staff and residents involved in transfer decisions. Processed and managed the decision to transfer residents to hospital. Care home staff and residents involved in transfer decisions. |
planning. Laging et al.'s meta synthesis, 'early planning and protocols cannot be relied upon', outlines this [10]. Another study indicated that if transfer 'was viewed as nonlife threatening', the staff thought advanced directives were less relevant to the goal improving resident quality of life [24]. Both resident and family members regarded the ED and hospital as a place of safety and the more appropriate setting for urgent care [58]. However, this was weighed up against the ED setting being 'busy, chaotic and demanding' and not necessarily appropriate for the care of older patients, particularly with cognitive impairment [58].

Theme 3: Decisions to transfer to acute care may not be driven by the clinical and medical needs of the patient but due to care home staff workload, medicolegal fears and other structural factors.

Transfers that were to some degree forced by factors unrelated to improving care or outcomes for the resident were characterised as 'resident subordinate' by Arendts et al. [8] A reason for such transfers identified across reviews was shortage of facility staff or perceived availability of resources necessary to manage a deteriorating patient [8, 10, 12, 58]. In response to staffing constraints staff may actively seek to transfer residents. This was highlighted in Arendts et al. [8] in this included quote from a primary study: 'I can see the workload is going to be not manageable. ... so I have sent a couple [of residents] to hospital'. Residents also perceived the available resources in facilities to be inadequate to treat acute deteriorations: 'residents lacked faith in medical care provided in the care home, highlighting concerns about access to clinical assessment and care' [58]. This was further characterised in the theme 'lack of confidence in care provided in the facility' presented by Arendts et al., [8] where a perception of poor staffing and inadequate resources by staff, residents and family members led to hasty transfers to hospital, without a consideration of overall resident best interests.

The medico-legal framework and fear of potential consequences if a deteriorating patient was not transferred, even if transfer was felt not to be beneficial, was highlighted across reviews as leading to resident subordinate transfers [8, 10, 11, 24]. This was most explicitly explored in the synthesis 'bureaucratic and legal', which outlines the constraints and fear facility staff felt when making transfer decisions [8]. Two reviews explored this in other syntheses, with O'Neill [11] highlighting 'nurses were also worried about being sued for their decisions regarding transfers' and another review explaining that staff feared 'care for a resident who has deteriorated may not be legally defensible', if they were not transferred [10].

Resident subordinate transfers could be prevented by adequate inter-disciplinary support in the facility, but this was not always available. This is best characterised in the synthesis: 'Isolation from multidisciplinary input and health care resources limits the ability to provide care on-site' [10]. This outlined that staff at times would seek a medical review or other resources potentially available in the facility to attempt to avoid a transfer of deteriorating residents but if these were not forthcoming would default to hospitalisation. Laging et al. further described that different health care professionals and different institutions differed in their perception of the level care deliverable in a care home setting. Most included studies reported care homes had the resources to provide palliative care, but staff uncertainty regarding needed treatment, due to a lack of medical support, led to transfers at the end of life [10]. Staff, family members and residents were all concerned that necessary investigations could be always be achieved quickly enough in the care home setting leading to transfer: 'The most frequently mentioned benefits of hospital care were available medical equipment and infrastructure' [24].

Discussion

We have synthesised the findings of six previous qualitative reviews encompassing 34 unique primary studies and the perspectives of care home staff, carers, residents and medical professionals involved in decisions to transfer residents to the ED. We have developed three key themes relating to the power dynamics amongst decision-makers, when decisions are made with the positive expectation of improving resident health and when factors unrelated to the health care needs of residents take precedence in decision making. The decision to appropriately transfer residents is challenging for care home staff. Decisions may reflect family wishes, the ability of care to be delivered in the facility and community health care resources available at the time of decision-making, as opposed to the actual change in health status of the resident. These factors along with perceptions regarding medicolegal consequences of not transferring acutely unwell residents can lead to transfers that are felt to be futile.

Context of previous literature

This is the first synthesis of qualitative reviews to explore decision-making around the transfer of residents to the ED and synthesises the perspectives of the stakeholder groups included in the reviews. A 2018 systematic review found that up to 55% of care home resident transfers to the ED were inappropriate [57]. The review highlighted lack of advanced planning, inability to access community health care resources and a desire for active management, especially by family members, when end-of-life care was more appropriate. Our synthesis supports these findings but also highlights that although family members maintain a position of power in decisions to transfer residents, they can be uncomfortable with decision-making, especially with end-of-life decisions, and can be willing to follow the advice of clinicians [24, 58]. A previous systematic review found advanced care planning can reduce hospitalisation rates of residents by 9–26% and increase the number of residents dying in their care home by 29–40% (without an associated increase in overall mortality) [68]. Our findings suggest that communication with family members maybe key in ensuring advanced care planning is successful in helping prevent avoidable transfers to the
ED. Our synthesis found that expectations and levels of multidisciplinary care to support care of residents in community varied between care homes and even within care homes when different transfer decisions were made. Isolation from additional support contributed to transfers of residents with no expectation of improving outcomes.

Although the included reviews pre-dated the COVID pandemic, qualitative primary studies assessing the impact of the pandemic found staff had to rapidly adapt to changing guidelines, an increased workload and increased responsibility due to isolation from both family members and health care professionals [69–71]. This may have altered the power dynamics and increased the influence care home staff had in transfer decisions whilst reducing the clarity of when transfers were needed or likely to be beneficial to residents. However, changes in transfer decision-making necessitated by the pandemic probably do not reflect normal or ideal practice. Advanced planning and access to health care resources in the community with appropriate consultation with family members remains important in avoiding transfers to the ED that may not be beneficial for residents.

**Strengths and limitations**

Our synthesis has allowed transfer decision-making to be understood from the perspectives of multiple stakeholders involved and assessed a broad range of existing qualitative evidence identified by a comprehensive search strategy. Our thematic analysis only incorporated what was reported in the included reviews and this limited the depth of analysis compared with that which would have been achieved from directly reviewing the primary studies. However, this allowed us to assess the convergence of previous reviews’ conclusions and themes and identify key themes that were supported with high levels of data saturation and credibility. In the absence of family members, friends of residents may also be important stakeholders in transfer decisions, and they were not assessed in any of the included reviews. Although there was degree of overlap of primary studies in the included reviews our synthesis allowed the inclusion of evidence from at least twice the number of primary studies than had been appraised in any of the previous reviews. The included reviews were published before the pandemic and therefore did assess the impact of the pandemic on decisions to transfer residents to the ED. Some limitations in the methodological quality of the included reviews were identified (Supplementary Material 4), particularly Trahan et al. [12]. Although we did not exclude reviews on the basis of quality, less credibility was given to the findings of such lower quality reviews.

**Implications**

Our review highlights the complexity in decision-making to transfer residents and challenges in managing appropriate referrals to the ED. Avoiding transfers to hospital where there is no expectation of improving outcomes for residents has clear benefits for both the health care service and, importantly, residents themselves. Robust advanced care planning may be one means to achieve this but as highlighted by our findings, this needs to occur in a way that negotiates the power dynamics of stakeholders and directly involves family members. The medicolegal concerns that care home staff have of not transferring acutely unwell residents needs to be addressed by interventions aimed at reducing hospitalisations. Given the nature of the care home workforce and staffing levels, particularly in the UK settings, decisions regarding transfer may be better made by health care professionals able to robustly justify decision-making and accept such medicolegal risk. As highlighted by the Health Foundation report this may require increased access from care homes to community and multi-disciplinary health care services [2]. Strategies are needed to ensure advanced care plans are developed and implemented by all stakeholders, particularly family members. Research is needed to identify acceptable ways to develop implement and evaluate these strategies.

The convergent nature of our findings across reviews indicates that additional primary research may not be required. Future research is needed to characterise the extent of avoidable and potentially detrimental resident subordinate transfers and identify measures that can support decision-making to prevent them. This may include the estimation of variability in transfer rates between care homes to identify good practice particularly regarding advance decision-making. Different models for the use of remote and computerised decision supports for various aspects of health care in care homes have been proposed [72–74]. However, there is limited evaluation of the extent to which such technologies have the ability to support hospital transfer decisions from care homes. Ultimately, the complexity of decision-making means that a single model of decision-support and in-reach may not be successful in the context of different care homes.

**Conclusion**

Transfer decisions are complex and involve multiple stakeholders in decision-making relationships where there are unequal power dynamics. Our review found a variety of factors influenced transfers including care home workforce workload, medicolegal fears and other structural factors. Critically, these decisions were sometimes taken with no expectation that hospital treatment would be beneficial to residents. Interventions aimed at reducing avoidable hospitalisations of residents need to address the key role family members have in transfer decisions, the medical legal fears of care home staff and barriers to accessing community services.

**Supplementary Data:** Supplementary data mentioned in the text are available to subscribers in *Age and Ageing* online.

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