"A tool doesn't add anything": The importance of added value: use of observational pain tools with patients with advanced dementia approaching the end of life - a qualitative study of physician and nurse experiences and perspectives


Published in:
International Journal of Geriatric Psychiatry

Document Version:
Peer reviewed version

Queen's University Belfast - Research Portal:
Link to publication record in Queen's University Belfast Research Portal

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“A tool doesn’t add anything”. The importance of added value: use of observational pain tools with patients with advanced dementia approaching the end of life - a qualitative study of physician and nurse experiences and perspectives

Running title: Pain assessment in advanced dementia

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Acknowledgments

The authors would like to thank all research participants, participating hospices and the local collaborators within the HSC Trusts who facilitated and supported this study.

Funding

This research was funded by HSC Research & Development Division (HSC R&D), Public Health Agency, Northern Ireland, in association with the Atlantic Philanthropies (Reference: COM/4885/13).

Abstract

Background: Observational Pain Tools (OPTs) are widely recommended in healthcare policies, clinical guidelines and recommendations for pain assessment and management. However, it is unclear whether and how these tools are used for patients with advanced dementia approaching the end of life. Aim: To explore hospice, secondary and primary care physicians’ and nurses’ use of OPTs with patients dying with advanced dementia and their perspectives on practice development and training needs. Methods: Twenty-three physicians and 24 nurses with experience of caring for people dying with advanced dementia were recruited from primary care surgeries (n=5), hospitals (n=6), hospices (n=4) and nursing homes (n=10). Semi-structured, face-to-face interviews were conducted. Interviews were digitally recorded, transcribed verbatim and thematic analysis applied to identify core themes. Results: Three key themes emerged: (1) use of OPTs in this vulnerable patient population; (2) barriers to the use of OPTs and lack of perceived ‘added value’ and (3) perspectives on practice
development and training in pain assessment in advanced dementia at end of life. Just over
one-quarter of participants (n=13) routinely used OPTs. Reasons for non-use included
perceived limitations of such tools, difficulties with their use and integration with existing
practice and lack of perceived ‘added value’. Most participants strongly emphasised a need for
ongoing training and development which facilitated transfer of knowledge and
multidisciplinary skills across professions and specialties. **Conclusions:** Health professionals
require ongoing support in developing and integrating change to existing pain assessment
protocols and approaches. These findings have important implications for health education,
practice and policy.

250 words

**Keywords:** Dementia; Pain; Pain Measurement; Pain Assessment; Palliative Care; Education,
Medical; Nursing; Physicians; Nurses

**Key-points**

- Barriers to implementing and integrating use of standardised observational pain tools for
  people dying with advanced dementia include difficulties experienced with using the tools
  themselves, uncertainty arising from the limitations of tools and perceived lack of value in
  using them.

- Lack of guidance in health policies and recommendations as to how these tools might be
effectively integrated with existing approaches resulted in lack of adoption of
recommendations and strengthened commitment to existing practice.
Healthcare professionals emphasised a need for increased investment in ongoing, needs-driven, clinician-led training and development in pain assessment and management in dementia.

Introduction

Pain is common in people with advanced dementia approaching end of life, causing significant concern for healthcare professionals (HCPs) responsible for its assessment and management.\(^1\)\(^-\)\(^3\) Untreated pain has serious implications for quality of life and is associated with onset or exacerbation of depression, delirium, sleep disturbance, cognitive decline and ‘sundown syndrome’ (neuropsychiatric symptoms including confusion, aggression or anxiety in the afternoon, evening and at night).\(^4\)\(^,\)\(^5\) Increasing evidence supports an association between pain and behavioural and psychological symptoms of dementia.\(^6\)\(^-\)\(^9\) Pain assessment and management form cornerstones of palliative care for people dying with dementia but are challenging for patients unable to reliably self-report due to cognitive deterioration.\(^1\)\(^-\)\(^3\) Previous studies have reported under-recognition and potentially inappropriate treatment of pain among people with dementia particularly in nursing home settings.\(^10\)\(^-\)\(^13\)

Increasing research focus on pain assessment in dementia has led to the development of numerous observational pain tools (OPTs), which require observation of patients for several behavioural and nonverbal indicators of pain and calculation of an aggregated score to indicate estimated pain intensity (mild, moderate, severe).\(^14\)\(^,\)\(^15\) Although use of OPTs is supported as part of best practice care for people living and dying with dementia, there is ongoing debate regarding their validity, reliability and clinical utility in practice.\(^15\)\(^-\)\(^21\) Much of this stems from wide variation in methods, participants, disease severity and settings in which these tools were
developed, and the paucity of studies which have robustly and systematically trialled, evaluated and reported on their impact on patient outcomes.\textsuperscript{15} Additionally, many of the behavioural and nonverbal cues that indicate pain also present in expressions of non-pain related distress; there is no clear indication in the research literature as to whether OPTs are able to distinguish between pain and distress or whether they may detect both.\textsuperscript{22-24} HCPs experience several challenges with use of OPTs in practice. These include differentiating pain from distress, insufficient training and support for conducting pain assessments with severely cognitively impaired patients unable to self-report, misguided perceptions regarding pain experiences and neural processing in people with dementia, and workload and other organisational/institutional pressures which restrict time available to conduct and interpret pain assessments.\textsuperscript{6,25-30}

Despite these challenges, health policies, clinical recommendations and guidelines widely recommend use of OPTs when assessing pain in people with dementia and many private health providers mandate their use as part of pain assessment protocols.\textsuperscript{16-18} However, exploration of whether, to what extent and how HCPs integrate and apply these tools in clinical practice is lacking in the current literature.

This study aimed to explore hospice, secondary and primary care physicians’ and nurses’ use of OPTs with patients dying with advanced dementia and their perspectives on practice development and training needs in this area.

**Methods**

**Sample and setting**

Criterion purposive sampling was used to recruit a maximum variation sample of physicians (n=23) and nurses (n=24) from general practice surgeries (n=5), hospitals (n=6), hospices (n=4)
and nursing homes (n=10). The following inclusion criterion was applied: experience of caring for people in the advanced stages of dementia who were approaching the end of life or who had since died. Participants were recruited from care settings geographically dispersed across a region of the United Kingdom (Northern Ireland [NI]).

Recruitment

Index contacts (Hospice Medical Directors [n=4], secondary care consultant physicians [n=4], General Practitioners [GPs; n=7] and nursing home managers [n=16]) with experience caring for people with advanced dementia approaching the end of life disseminated study information to eligible staff and identified other suitable organisations to approach for participation. Study information included a cover letter (outlining aims and objectives and inviting participation), participant information sheet, contact consent form and a return-address, postage paid envelope. All individuals who returned a contact consent form were contacted by the research fellow (BDWJ) by telephone and provided with a verbal summary of study aims and objectives. Interviews were arranged for those interested in participation. Recruitment ceased when no further novel data were identified and data saturation was achieved.

Data collection and analysis

Data were collected via semi-structured, face-to-face interviews conducted in participants’ place of work between June 2014 and September 2015. An interview guide was used (Table 1); questions were derived from literature review, consideration of gaps in current knowledge, and the study aims and objectives. These were refined through an iterative process of discussion with the Project Management Group (PMG) comprising clinicians in geriatrics/dementia and palliative care, academics specialising in palliative care, nursing and pharmacy, General Practitioners (GPs) with a special interest in older adults, dementia and
palliative care, and one patient and public involvement representative. Prior to interview, participants were provided with a verbal summary of the project aims, a statement regarding data protection and participant anonymity, and an opportunity to ask questions or raise concerns. Participants provided written informed consent.

Interviews were conducted, digitally audio-recorded and transcribed verbatim by BDWJ, a female postdoctoral researcher with training and previous experience in qualitative research methods as part of her postgraduate studies. Participants were aware that the researcher was undertaking this study as part of a funded programme of work in the School of Pharmacy, Queen’s University Belfast, and some participants had knowledge of BDWJ due to her previous postgraduate research activities.

A selection of transcripts were checked for accuracy against digital recordings by KB and HB. Thematic analysis, using Braun and Clarke’s (1996) paradigm, was applied to identify core themes, and NVivo 10.0 software (QSR International [UK] Ltd, Cheshire, UK) facilitated storage and organisation of data during analysis. BDWJ completed analysis of the full data set; a selection of data was also independently analysed by KB and CP and compared with this analysis. Core themes were then discussed and agreed.

**Ethics and governance**

Ethical approval was granted by the Office for Research Ethics Committees Northern Ireland (ORECNI) [(14/NI/0013)]. Health and Social Care Trust governance permissions were granted and the research protocol and supporting documentation were reviewed and approved by participating hospice ethics committees.
Results

Demographics

Forty-seven HCPs (23 physicians and 24 nurses) participated in the study. Physicians’ average length of clinical experience was 17.5 years (range: 5 years to 31 years); nurses had on average 13.8 years of clinical experience (range: 3 months to 34 years). A full profile of participant characteristics is available in Table 2. Average interview duration was 18 minutes for physicians and 37.9 minutes for nurses.

Key themes

Three core themes were identified: (1) use of OPTs in advanced dementia towards the end of life; (2) barriers to the use of OPTs and the importance of ‘added value’ and (3) perspectives on practice development and training in pain assessment in advanced dementia in end of life care.

Use of OPTs in advanced dementia towards the end of life

Pain assessment protocols in all care settings from which participants were recruited mandated or recommended use of OPTs for people with dementia (at all stages). However, only 13 (27.6%) participants (nurses n=11; physicians n=2) used these tools with patients in advanced stages approaching the end of life. The most commonly used tool was the Abbey Pain Scale (36) (n=12; 92%); one participant used an in-house purpose-designed pain assessment protocol. Within this group, attitudes varied regarding use and efficacy of these tools. Five participants (two hospice nurses, two nursing home nurses and one secondary care physician) reported that appropriate use, in accordance with instructions and as part of wider pain protocols, resulted in more prompt recognition of pain, revealed patients’ patterns of presenting
pain, provided estimation of pain severity, facilitated monitoring of treatment response and enabled continuity of pain assessment and management across changing staff shifts (Table 3). Use of OPTs facilitated pain reporting and communication within and across teams and specialties; secondary care participants believed that pain scores, as clinical measures, were more universally understood across specialties than qualitative descriptions (Table 3). Nursing home nurses believed that standardised assessments improved pain reporting to GPs and reported that OPTs were useful in helping less experienced staff recognise pain (Table 3).

Most participants in this group (n=8) reported using OPTs to comply with care provider or local trust protocols, but questioned their efficacy and reliability for patients dying with advanced dementia. Many believed that the OPT mandated or recommended for use (in these cases, the Abbey Pain Scale\textsuperscript{32}) did not seem appropriate for use for these patients. Most reported difficulty observing behavioural and nonverbal cues in patients with flat affect, those who fluctuated in consciousness and those exhibiting conservative responses to pain. Uncertainty as to whether behavioural and nonverbal cues observed were pain-related or indicators of non-pain related distress or behavioural and psychological symptoms of dementia was widely reported (Table 3). Most expressed a belief that pain scores lacked clinical meaning in the absence of other contextual and collateral knowledge about the patient. All eight participants reported that they did not document pain scores nor were they considered in treatment decisions (Table 3).

Barriers to the use of OPTs and the importance of ‘added value’

Most participants (n=34; 72%), of which physicians formed the majority (n=21; 61.76%), did not use OPTs with patients dying with advanced dementia. Beliefs and perceptions regarding the limitations of such tools, in addition to difficulties implementing and integrating their
application with existing practices motivated decisions to forgo their use. Most participants expressed strong beliefs that OPTs did not add anything of value to existing approaches (Table 3). Drawing from a holistic evidence base which included: patients’ medical and histories; recent and current symptoms; collateral psychosocial history from key care staff, allied professionals and patients’ families; and clinical and physical examinations; was perceived to be a more thorough approach to assessment. For many, a relatively simplistic tool was not considered a suitable substitute for clinical training and experience (Table 3).

In many cases, OPTs had dropped out of use due to inconsistent use and documentation of tools, wide variation in pain scores for the same patient depending on which member of staff conducted the assessment, and tension among staff regarding pain scoring and interpretation. In some cases, experienced professionals had withdrawn their use due to staff completing assessment paperwork in the absence of patient observation and review (Table 3). Use of a simple tool in a clinical area widely recognised as complex was perceived to disregard HCPs’ years of extensive training and experience and was widely criticised (Table 3). These participants also commented on the lack of sound rationale regarding the selection of a tool, information regarding the positive outcomes arising from its use and guidance regarding how the tool might be integrated with existing clinical practice and protocols (Table 3).

A need for considered translation of interventions from academic research to clinical practice which clearly describes a process of integration and demonstrates how such interventions improve current practice and/or patient outcomes was emphasised (Table 3).

*Perspectives on practice development and training in pain assessment in advanced dementia in end of life care*
Most participants reported that pain recognition and diagnosis of pain type, location and intensity were challenging in this patient population, making appropriate pain management difficult to achieve. Most emphasised a critical need for investment in upskilling HCPs across settings and specialities to appropriately and confidently manage end of life care including pain and symptom management (Table 3). Ongoing training and professional development in symptom assessment and management and end of life care was deemed essential. Most participants strongly emphasised that such training must be needs-driven, offer a balance of didactic training and patient case discussion, be focused on transferable knowledge and skills rather than theory, and be clinician-led and delivered (Table 3). Experienced physicians emphasised the need for robust evaluation of all training and educational interventions to determine their feasibility, utility, ability to deliver educational objectives and impact on staff and patient outcomes (Table 3).

Discussion

Main findings/results of the study
Although all participants in the present study appeared to be aware of health policy and recommendations regarding use of OPTs with patients with dementia, only a minority were routinely adopting this practice with patients dying with advanced dementia. Among these individuals, there was variation in attitudes towards OPTs. A small minority had effectively integrated standardised OPT use with existing practice, resulting in positive outcomes including quicker recognition and understanding of pain experiences for newly admitted patients, improved continuity of pain assessment and management across staff and changing shifts, and improved pain reporting within and across care teams, professions, care settings and specialties. Other studies have reported similar positive outcomes including improvements in
symptom assessment and management and overall care provision. However, many participants who reported using OPTs did so solely to comply with local recommendations or healthcare policies, did not use the scores from these tools to inform treatment decisions and in many cases, did not document scores. Doubts regarding the clinical utility of scores from subjective observation as measures of pain (rather than distress or both pain and distress), and difficulties using tools with patients unable or unaccustomed to express behavioural and nonverbal signs of pain, resulted in uncertainty regarding OPT use. In these cases, participants abandoned pain scores, relying instead on existing practices and protocols to inform treatment decisions. Other studies have reported similar challenges experienced by HCPs using OPTs with people with dementia.25-28

Most participants in this study did not use OPTs when assessing pain in people with advanced dementia in the final month of life. Beliefs about the limitations of OPTs, difficulties experienced in their application with dying patients, inconsistencies in their use and documentation, staff disagreement regarding observational scores, and beliefs that the outcomes of such assessment did not offer anything of ‘added value’, were key reasons for non-use. Participants’ narratives revealed largely consistent approaches to pain assessment in which contextual knowledge of the patient was drawn from multiple sources including medical and pain histories (pain threshold, response to pain, pain coping strategies), current and recent symptoms, clinical examinations, medication regimens, direct patient contact and knowledge of psychosocial history provided by care staff, patients’ families and significant others (e.g. clergy). This approach largely follows published practice guidelines for assessing pain in older adults with dementia.34 However, evidence has suggested that overreliance on personal knowledge and collateral information alone may also prove an inadequate approach to pain assessment if attitudes towards the patient population are negative, the patient is unknown or
unfamiliar to the care team or staff are inexperienced in recognising the behavioural indicators of pain in people dying with dementia.\textsuperscript{35-37} Other studies have identified a need for nursing home staff to receive ongoing, regular training and support in developing pain assessment protocols, conducting pain assessments and responding appropriately to the outcome.\textsuperscript{38-40}

Participants believed that health policy and other clinical directives were misdirected in focusing on simple tools in a clinical area widely recognised as challenging and highly complex. Failure to highlight the benefits of using OPTs and lack of guidance on how they might be integrated with existing practice were other criticisms raised. This finding, although arising from small proportion of participants, echoes broader key themes reported in an increasing body of work examining effective translation of research interventions into clinical practice.\textsuperscript{41-46} This work has noted significant disparity between funding for healthcare research and the number of interventions subsequently successfully integrated and implemented in practice.\textsuperscript{41-46} It has been suggested that successful integration and implementation requires policies, directives, recommendations and other literature to reflect the values, culture, training and expertise of the professionals expected to adopt a novel intervention/approach.\textsuperscript{47,48} A focus on simplicity and the lack of knowledge and skills required to use the intervention may prove counterintuitive, resulting in rejection by HCPs, particularly physicians, who pride themselves on their professional knowledge, training and skills.\textsuperscript{46-48}

Most participants emphasised a need for ongoing professional development and training in symptom management and end of life care provision in dementia, indicating a needs-driven, clinician-led approach which balanced didactic training with group discussion, skills transfer and patient case discussion. Such a model, known as Project ECHO\textsuperscript{©} (Extension for Community Healthcare Outcomes), has been extensively trialled and evaluated across a range
of health conditions internationally.\textsuperscript{49-59} This approach, which connects a multidisciplinary expert panel within specific health conditions (e.g. dementia, diabetes etc.) with HCPs from multiple specialties and professions across primary, secondary, hospice and community care in real time clinics using teleconferencing technology, provides a forum for mentoring and skills and knowledge transfer. Previous studies have demonstrated positive outcomes of Project ECHO\textsuperscript{©} in increasing health professionals’ knowledge, self-confidence and efficacy in managing complex patients, improvements in patient outcomes and better integration of primary and secondary care services,\textsuperscript{49-59} and recent work confirms the potential of Project ECHO\textsuperscript{©} to support the delivery of high-quality care in pain assessment and management in advanced and end stage dementia.\textsuperscript{60} Alternative approaches which take into account many health professionals’ views that OPTs disregard their clinical experience and over-simplify a complex clinical picture by utilising them as part of a complex intervention may also enhance pain assessment and management in this vulnerable patient population.\textsuperscript{33,61,62} To date, studies have employed the discomfort scale Discomfort-Dementia of the Alzheimer’s Type (DisDAT),\textsuperscript{61,63} and the OPT Pain Assessment Checklist for Seniors with Limited Ability to Communicate (PACSLAC).\textsuperscript{33,64} A recent clinical review of palliative care in patients with dementia, which considered pain assessments and pain and behaviour interventions in addition to tools for advanced care planning and clinical concerns in patients with dementia, acknowledged the challenges in treating people with advanced dementia nearing the end of life, and emphasised that adequate pain assessment and pharmacologic interventions and nonpharmacological pain and behaviour interventions have an important role to play in relieving suffering for these patients and their families and improving quality of life.

\textit{Limitations of the study}
The findings presented here must be interpreted with caution considering the self-selecting sample of participants which is likely to have drawn those with an interest in research and who are open to discussing their frank opinions and perspectives. Participants were recruited through index contacts, many of whom are research active; therefore, it is possible that this sample of participants leans towards examples of best practice. The self-selecting nature of recruitment has also drawn a concentration of professionals from general practice, hospice, palliative and nursing home care; further exploration of community care and other specialties in acute care is recommended as practices in these areas may vary.

*What this study adds*

This study revealed several key issues regarding integration and implementation of OPTs as part of pain assessment protocols in primary, secondary, hospice and nursing home settings. Difficulties in applying the tools in practice, lack of guidance regarding the rationale for changing practice and how to integrate tools with existing protocols, along with uncertainty regarding clinical validity and reliability of these tools with dying patients with advanced dementia, were significant barriers to their use. Policy makers should exercise caution in placing emphasis on ease and simplicity of OPT use alone, particularly in clinically challenging and complex areas as this could prove counterintuitive, leading to lack of engagement with OPT use. HCPs continue to report pain assessment as challenging and emphasise a need for ongoing investment in training and education, which must take into consideration educational needs, and balance theory with practical application of knowledge and skills.

*Acknowledgements*

The authors would like to thank all research participants, participating hospices and the local collaborators within the HSC Trusts who facilitated and supported this study.
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632
633 64. Fuchs-Lacelle S, Hadjistavropoulos T. Development and preliminary validation of the
634 pain assessment checklist for seniors with limited ability to communicate (PACSLAC).
636
637 Declaration of conflicting interests
638 Professor Peter Passmore has received funding (educational grants) from Napp, Grünenthal
639 and Pfizer, and has spoken and/or chaired meetings for these companies. Napp, Grünenthal and
640 Pfizer had no role in the development, analysis or reporting of the present study. The other
641 authors have no conflicts of interest to declare.
642
643 Availability of data and materials
644 The audiotaped interviews were deleted from the digital recorder following transcription, in
645 accordance with institutional data protection protocols. Transcripts are not available because
646 this would render participants identifiable.
Table 1. Interview discussion guide

1. Tell me about your experiences of assessing pain in patients with advanced dementia in their last few months, weeks, days and hours of life.

2. What are the likely causes of pain in people with advanced dementia in their last few months, weeks, days and hours of life?

3. Do different types of pain or different combinations of pain (e.g. breakthrough, chronic, acute, acute-on-chronic) impact on assessing whether a dying patient with dementia is in pain? If so, in what way?

4. How do you recognise/identify when a person with advanced dementia who is approaching the end of life is in pain? (Only ask if the participant doesn’t cover this in the above questions)

5. Do you use pain tools to help with recognising and assessing pain?

   YES
   • Which one(s) do you use and why that/those one(s) in particular?
   • How do you use this/these pain tool(s) in your clinical practice?
   • Are the results of these pain tools recorded/documentated and/or discussed with patients’ family and other colleagues?
   • Do the results of the pain assessment tool(s) influence the pain management strategies (i.e. the medications) that you use/prescribe? In what ways?
   • What do you believe are the clinical outcomes of using these tools for managing pain in these patients?

   NO
   • Are there any barriers that limit the use of pain assessment tools?
   • What alternative measures do you find useful in helping you assess and manage pain?
   • Are there any factors that would encourage you or make it easier for you to incorporate the use of pain assessment tools in your clinical practice?

6. Do you think that the assessment of pain in people with advanced dementia who are nearing the end of life could be improved? In what ways?

7. Do you think healthcare professionals require additional training/education in assessing pain in patients with advanced dementia? Who do you see delivering this type of training and how do you think it should be delivered?
<table>
<thead>
<tr>
<th></th>
<th>Physicians (n=23)</th>
<th>Nurses (n=24)</th>
</tr>
</thead>
<tbody>
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<td><strong>Age</strong></td>
<td>42.5 (28 years to 58 years)</td>
<td>36.8 (25 years to 59 years)</td>
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<tr>
<td><strong>Years of experience</strong></td>
<td>17.5 (5 years to 31 years)</td>
<td>13.8 (3 months to 34 years)</td>
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<tr>
<td><strong>Gender</strong></td>
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<td>Acute Care</td>
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<tr>
<td>Use of OPTs in advanced dementia towards the end of life</td>
<td>“[Standardised pain assessments] can be really useful because if somebody’s coming in in the last few weeks it’s for symptom control which is pain, so obviously you want to get that sorted out straightaway. We’d be starting them on the pain chart and from that there we can see where’s this pain coming from? Is it from this area, this area, this area? ‘Cause you need to know is it the same area all the time? Is it different areas?”</td>
<td>NURS06 Female, RGN, Hospice</td>
</tr>
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<td></td>
<td>“It allows us to work interchangeably with the palliative care team because that’s what they’re used to so it means that we’re working off the same page.”</td>
<td>PHYS03 Male, Consultant Psychiatrist, Hospital</td>
</tr>
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<td></td>
<td>“[The Abbey Pain Scale] is the one that is in use in most of the nursing homes [here]. It’s not going to give you all the answers but it can certainly give you an indication, and it’s also a recognised tool so when you’re speaking on behalf of the patient to the GP, if you’re able to say that you used this recognised tool, rather than going on and just saying “I feel that my resident is in pain”, [if] you have a recognised tool and an assessment and a score to give them, then you’ll very often find that you’ll be listened to more.”</td>
<td>NURS010 Female, RGN, Nursing Home</td>
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<td>“It is a useful tool for, for example neuro nurses who aren’t aware of if somebody [who] has dementia is sore, you know? We just take it as a given and we know what to look for in terms of facial expression or changes in behaviours but if you were new to caring for people with dementia, it is useful to say oh these are the things that I should be looking at.”</td>
<td>NURS015 Female, RGN, Nursing Home</td>
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<td></td>
<td>“It’s easy probably if you can see those tell-tale signs that the Abbey Pain Chart is asking you but whenever the resident is just completely unconscious you would question it. If there is another tool that we could use and compare it with, yeah why not, but I think we have been using Abbey Pain Chart for quite a while and you would question does it really work? You know? Is there something better out there that we could use?”</td>
<td>NURS02 Female, Nurse, Nursing Home</td>
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<td>“Well I would sometimes use the PAINAD, you know, the PAINAD advanced dementia tool, not as formally as counting it up but just using the facial expression and behaviour and vocalisation measurements to assess. But I wouldn’t formally put a score on it.”</td>
<td>PHYS04 Female, GP, Primary Care</td>
</tr>
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<td>Barriers to the use of OPTs and the importance of “added value”</td>
<td>“We wouldn’t routinely use a tool like that in our in-patient setting unless we were struggling because it’s kind of what we do, and we’re very tuned in to it so a tool doesn’t add anything on top of what we already know and what we’re already assessing.”</td>
<td>PHYS01 Female, Consultant in Palliative Medicine, Hospice</td>
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<td>“I’m not using any standardised pain assessments for people with dementia. It’s not the way I’ve been trained or taught in our medical school and in clinical practice. I take a history find out what they’ve been like before and then find out what they’re like now and then do a medical assessment: do they have a temperature, any evidence of infection, chest infection, kidney infections, what are they like when they’re being moved by the nursing staff, whenever they’re moved do they appear to be in pain? I do a medical assessment and then do a physical examination, you know, chest, heart, abdomen make sure they haven’t got retention of urine, and also move their arms and their legs see if there is anything obvious there.”</td>
<td>PHYS021 Male, GP, Primary Care</td>
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<td>“I would have noticed that staff were perhaps guessing that the score was going to be the same and they weren’t going back and actually looking at the resident and assessing them.”</td>
<td>NURS010 Female, Nurse, Nursing Home</td>
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<td>“I think that when one gets into such a routine that you use the skills which you’ve acquired, you don’t necessarily move to just start using a new tool.”</td>
<td>PHYS05 Male, Consultant Psychiatrist, Hospital</td>
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<td>“They’re coming in with the Abbey Pain Scale, they’re teaching how to administer it in a very quick manner but they’re not actually showing why it needs to be done and showing the uniqueness of end stage dementia and the unique challenges that that presents.”</td>
<td>NURS010 Female, Nurse, Nursing Home</td>
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<td>“The issue with policies is that there are so many different problems and there are so many assessment tools now I think that the wards are kind of bombarded with that. I suppose it’s just making sure that we’re not adding to the paperwork burden too significantly and that the staff are aware of how to use those tools to work out if they patients seem sore and emphasising the best practice approach to symptom assessment and management.”</td>
<td>PHYS015 Male Consultant Palliative Medicine Hospice</td>
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<td>Perspectives on practice development and training in pain</td>
<td>“I think there should be a rolling programme within the Trust, I think it should be part of our mandatory training, and I think it should be for all levels of staff. I think it is a major, major gap within the Trust. I think it’s a major gap within the NHS as a whole. It is trying</td>
<td>NURS022 Female Nurse Hospital</td>
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<td><strong>ascertainment in advanced dementia in end of life care</strong></td>
<td>to get that balance of ensuring the fact that they have dementia doesn’t take away from the fact that they still need clinically treated in exactly the same way as a person who is compositis and doesn’t have any cognitive issues. I think it [pain assessment] should be part of the induction, I think it should be mandatory training.”</td>
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<td>“You could have a case report like “Mr X has such and such” and then group work to try and figure out what could be the possible causes, what to look out for, how to use the tool in that case and things like that.”</td>
<td>PHYS06 Female Psychiatrist Hospital</td>
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<td>“I think a key thing would be to assess does it actually change their practice or influence their practice because sometimes training is done but the benefits can be lost if they’re not implemented by the person and if there’s not a culture of change. There has to be a culture, staff have to be working in an environment where there’s a culture of improvement and where there is attention given to that particular area.”</td>
<td>PHY015 Male, Consultant Palliative Medicine, Hospice</td>
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**NURS:** Nurse RGN; **OPT:** Observational Pain Tool; **PHY:** Physician; **RGN:** Registered General Nurse