Title Page

Title: Training peers to support older people with chronic low back pain following physiotherapy discharge: a feasibility study

Author names & affiliations

Kay Cooper\(^a\) (corresponding author)

k.cooper@rgu.ac.uk

Llinos M Jehu\(^1\)
School of Health Sciences, Robert Gordon University, Aberdeen, UK

\(^1\) Present address: Centre for Public Policy & Health, Durham University, Queen’s Campus, Thornaby, TS17 6BH. llinos.m.jehu@durham.ac.uk

Susan Klein
Faculty of Health & Social Care, Robert Gordon University, Aberdeen, UK
s.klein@rgu.ac.uk

Blair H Smith
Division of Population Health Science, University of Dundee, Dundee, UK
b.h.smith@dundee.ac.uk

Patricia Schofield
Faculty of Health, Social Care & Education, Anglia Ruskin University, Chelmsford, UK, patricia.schofield@anglia.ac.uk

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Corresponding author at:

School of Health Sciences, Robert Gordon University, Garthdee Road, Aberdeen, AB10 7QG. Tel: +44 (0) 1224 262677. E-mail: k.cooper@rgu.ac.uk

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Abstract

Objective: To determine the feasibility and acceptability of a training programme for peer volunteers to support older adults with chronic low back pain (CLBP) following discharge from physiotherapy.

Design: Feasibility study

Setting: Community-based

Participants: 17 adults (4 male, 13 female) with CLBP or experience of supporting someone with CLBP. experience of CLBP enrolled and 12 (2 male, 11 female) completed the volunteer training.

Intervention: Volunteers took part in a face-to-face or blended delivery peer support training programme based on the Mental Health Foundation’s “Principles into Practice” and adapted for CLBP by the study team.

Main outcome measures: Recruitment/retention rates; demographics; time & resources used to deliver training; training evaluation (questionnaire); knowledge questionnaire, and self-efficacy questionnaire.

Results: Seventeen participants enrolled on the training programme (11 face-to-face, 6 blended delivery). 12 (71%) completed the training (73% face-to-face, 67% blended delivery). The training was positively evaluated. All but 2 participants passed the knowledge quiz at the end of the training, and the majority of self-efficacy scores (90%) were high.

Conclusions: It is feasible to develop, implement and evaluate a peer support training programme for the facilitation of CLBP self-management in older adults following discharge from physiotherapy. Blended delivery of
training may facilitate the recruitment of greater numbers of peer support volunteers in future studies. Supported self-management of CLBP pain is widely recommended but can be difficult to achieve. Peer support might be a promising method of facilitating CLBP self-management without additional burden to health services.
Manuscript

Introduction

Low back pain causes more global disability than any other condition, and both the prevalence and burden of low back pain increase with increasing age [1]. Chronic low back pain (CLBP; low back pain lasting more than 12 weeks) is a common and disabling condition among older adults [2,3], and the healthcare costs of people with CLBP are double those without [4]. It is therefore important to develop effective methods of managing CLBP in older adults.

CLBP is generally managed conservatively, with many older adults with CLBP consulting a physiotherapist. Whilst physiotherapy will be tailored to the individual’s needs, the aim of physiotherapy will often be to facilitate self-management in the longer-term [5]. Self-management is at the core of CLBP management, as emphasised in evidence-based practice guidelines [6,7]. Self-management of CLBP, as for other chronic health conditions, can be difficult for the individual to achieve, with several reported barriers [8-10]. Consequently, there is an increasing interest in methods of facilitating longer-term self-management, with a growing evidence-base for peer support [11-12].

Peer support, defined as “the giving of assistance and encouragement by an individual considered equal” [13] has been widely applied in the fields of mental health [14], maternal and child health [15], and diabetes self-management [16]. It has been applied to a lesser extent in the musculoskeletal field, but its effectiveness has been demonstrated in workers with low back pain [11, 17] and it has been piloted in veterans
with chronic musculoskeletal pain [12]. A systematic review [18] on peer support for chronic non-cancer pain concluded that peer support interventions may be more effective than usual care, but that further high-quality research was required. We therefore deemed it appropriate to develop and test a peer support intervention for older people with CLBP following physiotherapy discharge.

Peer support volunteers can be involved in a range of activities, such as sharing experiences, mentoring, goal-setting and building self-esteem [19]. They can have varying responsibilities [20], and can have different roles within interventions from being part of a multi-component intervention to being the sole provider. As the intervention we developed was intended to be delivered following discharge from physiotherapy, our peer support volunteers had the primary role.

Training of peers varies considerably. Matthias et al’s [12] peer coaches received a 3-hour training session in their study of chronic pain in veterans; however the peer coaches had taken part in previous self-management research. Dennis [21] reported on a 4-hour session to train peers for delivering telephone peer support for postpartum depression, whereas Dale et al [22] employed a 2-day training programme for diabetes education and support delivered by telephone. In contrast, Simpson et al [23] employed 12 weekly 1-day sessions for training peers in mental health, and Tang et al [20] employed a 46-hour programme delivered over a 12-week period to train peers to deliver a diabetes self-management support intervention.
The content of peer support training programmes has more consistency, with most of the published programmes to date focusing on: condition-specific knowledge, communication skills, principles of behaviour change, and problem-solving [20,21,23]; often incorporating simulation and role-play [17,20].

Delivery of peer support training programmes is commonly face-to-face, with some having top-up sessions delivered by telephone during the period that peers are delivering the intervention [12]. Blended delivery (online + face-to-face), known to be effective in healthcare education [24,25], may offer a pragmatic solution to training peer support volunteers without the need for them to travel to a central location, and allowing them to complete the training at times and a rate suitable to their needs. However, blended learning does not appear to have been utilised in peer support training to date.

To our knowledge this is the first study aimed at training peers to facilitate self-management of CLBP in older adults following discharge from physiotherapy and also the first to explore flexible methods of delivering a peer support intervention. The aims of this study were to:

1. Determine the feasibility of delivering a training programme for peer support volunteers to support older people with CLBP following discharge from physiotherapy

2. Determine the acceptability of the peer support volunteer training programme
3. Evaluate whether the peer support training facilitates participants to achieve the knowledge, skills and self-efficacy required for delivering the intervention.

This study formed part of a larger study aimed at developing and testing the feasibility of a peer support intervention, the associated training programme, and the methods of evaluation. In keeping with MRC guidance [26] the knowledge generated will be used to inform the design of a future randomised controlled trial to evaluate clinical and cost effectiveness of the intervention.

The study was approved by the XXXX Research Ethics Committee (Ref No: XXXX).

**Methods**

*Development of peer support intervention and training programme*

The intervention was informed by a systematic review on peer support for chronic non-cancer pain [18], consultation with individuals and organisations experienced in peer support for chronic health conditions, and a qualitative study exploring older adults with CLBP and physiotherapists’ perceptions of peer support [27]. The knowledge generated from these activities, along with a wider review of literature, was used to develop the peer support intervention and accompanying peer support volunteer training programme. The intervention, training programme, and all supporting materials were reviewed by a sample of physiotherapists, older people with CLBP, and individuals experienced in peer support for chronic health conditions, prior to being finalised for use.
in this feasibility study. The intervention was known as PALS (Peer support in XX for Long-term condition Self-management).

**Sample**

We aimed to recruit and train 10-15 peer support volunteers. We recruited participants who had taken part in our previous qualitative study, and also from local organisations involved with older people, visits to local community/sports centres and groups, and via a media release. Participants were recruited in three phases, over a 6-month period, and inclusion criteria were: (i) aged 18+; (ii) have CLBP or experience of supporting someone with CLBP; (iii) live within a 20-mile radius of the study centre, and (iv) willing to commit to the training programme and to supporting at least 1 CLBP patient during the PALS intervention. In keeping with previous research, we employed several stages for the screening of potential volunteers [20]. First, interested participants were screened by the research assistant (RA) over the telephone to determine that the basic inclusion criteria were met. Second, those participants who passed first level screening were provided with detailed written information on the training and peer support intervention then interviewed by the RA (face-to-face) where they were asked: (i) what are your thoughts about the PALS study?; (ii) why do you think you would be a good peer support volunteer?; and (iii) what has been most helpful to you in managing your low back pain (or helping someone else to manage their low back pain)? This allowed us to identify participants whose perceptions of peer support and self-management were not compatible with the study aims. These participants were provided with information on CLBP self-
management and other local volunteering opportunities. Suitable participants provided written informed consent and 2 character references, and were enrolled on the training programme. Third, participants’ communication and interpersonal skills, and responses to exercises and group work were observed by the study team during the peer support training programme. Participants who were deemed unsuitable were to be signposted to other volunteering opportunities or offered an administrative role. This did not prove necessary however, as the 2 participants who the study team felt were not suited to being peer support volunteers self-selected to leave the study on completion of the training programme.

*Peer support volunteer training programme*

Figure 1 summarises the purpose of the training and its evaluation. The training was adapted from the Mental Health Foundation’s (MHF) “Principles into Practice” programme [28], in consultation with their project manager who assisted in delivery to the first cohort. The MHF had previously identified a training need for peer volunteers in a variety of organisations, and had extensive experience of peer support for a variety of long-term conditions. Our training also drew on previous research [21,22], and in keeping with the feasibility nature of the study it was developed in face-to-face and blended formats.

The aim of the training was to increase knowledge and understanding of CLBP and self-management, along with providing opportunities to learn about peer support and explore the boundaries and challenges inherent in a peer support volunteer role, in order for them to
be able to deliver the PALS intervention. The intervention will be reported in full elsewhere. In summary, it is a 6-session 1-1 peer support intervention delivered at fortnightly intervals either face-to-face, by telephone, Skype or e-mail, aimed at facilitating self-management of CLBP in older people following discharge from physiotherapy. It is underpinned by empowerment theory [20] and aims to enhance CLBP patients’ self-efficacy [22; 29-31]. Each session has a key topic for discussion and there is an emphasis on maintaining or increasing physical activity [6-7]. The role of the peer support volunteer in the PALS intervention is not to educate the CLBP patient, but to provide support (emotional, informational and appraisal [13]) to the CLBP patient as they determine which self-management strategies work best for them, and to initiate and maintain behaviour change in relation to the self-management strategies.

The face-to-face training programme was facilitated by 2 members of the research team and delivered over 2 non-consecutive days, with independent study prior to each day’s attendance (see table 1). The blended delivery comprised 3 topics with embedded interactive learning objects, an online discussion forum, and a half-day workshop facilitated by one member of the study team (see table 1). The workshop allowed for discussion of the exercises completed by participants and any outstanding questions. It also provided the opportunity for observation of communication and interpersonal skills as described above. Participants completed the blended delivery programme at their own pace.

*Measures*
Table 2 describes the items used to measure feasibility, acceptability, knowledge and skills, and self-efficacy. Measures included simple counts recruitment/retention rates; time/resources), tools adapted from previous peer support research (knowledge questionnaire\textsuperscript{20}; self-efficacy\textsuperscript{29}) and tools developed for this study (training evaluation, qualitative interview topic guide). The training evaluation asked for participants opinions of the training related to: (i) usefulness; (ii) delivery; (iii) organisation; (iv) support from research team (blended delivery); (iv) achievement of learning outcomes, and (v) developing an understanding of peer support for low back pain. We set a pass mark of 70% for the knowledge quiz to indicate suitability as a peer support volunteer.

Data processing and analysis

Feasibility measures and recruitment and retention rates were documented throughout the study. Data from the satisfaction, knowledge, and self-efficacy questionnaires were input to Microsoft Excel, in order for summary descriptive statistics to be calculated. Qualitative interviews were recorded and transcribed verbatim. A coding index was constructed by and applied by two researchers, who analysed the data using the Framework method [36].

3. Results

Recruitment

Twenty potential peer support volunteers registered an interest in the study over a six-month period (1 qualitative study participant; 8 from
local organisations/groups; 11 from media release). Of these, 17 enrolled on the training (11 face-to-face; 6 blended delivery). It was not possible to calculate a recruitment rate, as accurate numbers of potential volunteers reached during visits/media release are not known. The time and effort required to recruit participants however should not be overlooked.

Participants reported satisfaction with the recruitment process and materials, and the inclusion/exclusion criteria resulted in an appropriate sample of participants. All participants had CLBP, many for several years’ duration, and they used a variety of self-management methods with physiotherapist-prescribed exercises and physical activity most prevalent. Four participants, 2 each from the face-to-face and blended delivery, took part in qualitative interviews at the end of their involvement in the study, after providing peer support to 1-3 older adults each.

Retention

Of the 17 volunteers who started, 12 (71%) completed the PALS training programme. Demographics for the 12 completers can be seen in table 2. All had CLBP, many for several years’ duration, and all used various self-management methods, with physiotherapist-prescribed exercises and physical activity most common. Three participants withdrew after the first day of face-to-face training (1 male, 2 female), one from each of the three cohorts who received the training. A further 2 participants withdrew from the blended delivery (1 male, 1 female). Completion rates were therefore 73% for face-to-face and 67% for
blended delivery. One participant was unable to attend the second day’s training and completed via the blended delivery route instead.

**Feasibility**

Three cohorts (11 participants) enrolled on the 2-day face-to-face training which required 2 members of the research team on each day. A further 6 participants enrolled on the blended delivery format. Participants took on average 1-month to complete the blended delivery training, which required weekly contact by a member of the research team via the online learning platform. Due to the rolling nature of the blended delivery training 3 ½-day workshops were delivered by 1 member of the research team. Therefore, a total of approximately 80 person-hours were required to train the 12 participants who completed the PALS training programme.

Training evaluations were overwhelmingly positive with participants consistently rating questionnaire items positively. Comments regarding the face-to-face training included: “deciding what the most useful ways to help and understand the needs of the person” [most useful aspect of the training]; “working with others with a variety of views” [most useful aspect of training]; “learnt some things about self I hadn’t realised”; “good and very easy to understand the course”; “the information and training has been excellent”; “everything explained fully and clearly with knowledge”. The first cohort made some suggestions for improvement which we incorporated in the remaining cohorts: (i) greater incorporation of physical activities/postural adjustments on the training days, and (ii) more sharing of CLBP experiences between participants.
The blended delivery was also positively evaluated with similar comments received. Areas for improvement related to reducing the need for downloading/printing material, and ensuring that all web-links were live and up to date.

The qualitative interviews reinforced these findings. Participants from face-to-face and blended delivery were equally positive about their experiences, suggesting that the formats had suited their individual preferences and that it was appropriate to take a flexible approach to the training:

“Blended training was fine for me, I did it quite quick. My past knowledge probably helped [college tutor & assessor]. Was never a time I felt I didn’t understand or needed somebody there to explain” [P47, Female, Blended]

“Interviewing skills were useful, using open questions, wish I’d had that when I was working with clients” [P66, Male, Blended]

“Wouldn’t like online, can’t be bothered with all that reading, prefer to see a face...for me I just get stuck in” [P42, Female, face-to-face]

Knowledge

For the face-to-face training, on the first attempt at the quiz participants scored between 40% and 85% with a mean score of 60%. All participants improved their scores with final scores ranging from 50% to 96% with a mean score of 75%. All participants except for two scored above 70% on the final attempt. The two participants whose scores were low (50% &
53% respectively) subsequently elected to leave the study. For the blended delivery, scores for the first attempt ranged from 53% to 93% (mean 76%), and for the second attempt from 70% to 96% (mean 82%).

**Self-efficacy**

All participants agreed or strongly agreed that as a result of the training they were confident to provide peer support, with the exception of two participants who responded “neither agree nor disagree” in response to “as a result of the training I feel confident that I could end the peer-mentoring relationship successfully” (one face-to-face, one blended learning), and one participant each who responded “neither agree nor disagree” to “I feel confident I could provide support to someone with persistent low back pain” (blended delivery), and “I know when to defer to a healthcare professional” (blended delivery).

**Discussion**

The results demonstrate that the PALS training programme is feasible to deliver. We exceeded our recruitment target and achieved our training target. Of the three participants who dropped out of the face-to-face training, one was due to poor health but the reasons for the other two are unknown. It is possible that these participants were not fully aware of the time-commitment required or the nature of the PALS intervention, and this should be considered when recruiting participants for future studies. We do not know the reasons why the two participants dropped out of the blended delivery. However, it is reassuring that the drop-out rates were similar for both formats, suggesting that both are feasible to deliver. Although some studies have reported lower drop-out
rates [12,20], Simpson et al [23] reported similar drop-out rates for their peer support training programme for people with lived experience of mental distress/illness. Due to the relatively low burden of providing the training, we feel that a dropout rate of around 30% is acceptable.

Although there is increasing evidence for the effectiveness of blended learning in healthcare education [24,25], to our knowledge this is the first peer support volunteer training programme to be delivered in blended learning format. Participants chose the blended learning option for a variety of reasons: (i) reducing the need to travel to the central training location; (ii) ability to fit training around other commitments such as work and caring responsibilities, and (iii) not wanting to wait for the next face-to-face cohort to begin. Blended learning may therefore overcome some barriers that might currently be preventing greater numbers of people to taking up the opportunity of training as peer support volunteers. It might also provide a cost-effective method of providing peer support volunteer training, as less human resource is required for its delivery. Further evaluation of this format of providing peer support volunteer training is therefore indicated.

The results also demonstrated that the PALS training programme was acceptable to participants. Again it is reassuring that participants were equally satisfied with both methods of delivery; however the recommendations regarding downloading/printing of materials and currency of web-links should be acted on for future cohorts.

We set a pass mark of 70% for the knowledge quiz and all but 2 participants achieved a pass by the end of training. The study team also
assessed these participants as not being suitable for a peer support 
volunteer role during observation of their communication and/or 
interpersonal skills during the training. Since these 2 participants elected 
to leave the study after completion of the training, we did not have to 
implement the process of signposting to other volunteering opportunities 
or offering an administrative role in the project. However, having 
observed these participants despite the rigorous recruitment process 
described above, it confirms that it is important to have a process 
whereby unsuitable volunteers can be detected, which is in keeping with 
previous research [20].

Although self-efficacy was rated highly by participants, the results 
indicated that 4 participants had dimensions that could be improved. 
Previous researchers have utilised top-up training or supervision for peer 
support volunteers [12, 23]. We did not implement top-up training, but 
did provide ongoing support to the volunteers during the intervention 
phase via regular telephone calls with a member of the research team. It 
might however be prudent to provide top-up training to future cohorts in 
order to enhance self-efficacy in all dimensions and to maintain knowledge 
and skills.

This study has several limitations. The sample size was small and 
drawn from one geographical area of the United Kingdom. It is unknown 
whether the PALS training would be acceptable to participants from a 
wider range of geographical and socio-demographic backgrounds. 
However, we did demonstrate feasibility and acceptability of the training, 
which can be utilised in further research on a more diverse sample. We
only interviewed 4 participants at the end of their involvement in the study; it is therefore possible that alternative views may have been expressed by other participants, particularly those whom we were unable to match with adults with CLBP during the course of the study. Unlike some previous research [20] we did not formally assess communication and interpersonal skills; we did however observe participants’ communication and interpersonal skills during the training in order to identify any participants unsuitable for a peer support volunteer role.

**Conclusion**

Findings from this study suggest that it is feasible to develop, implement and evaluate a peer support training programme for adults with CLBP in order to empower them to facilitate self-management of CLBP in older adults following discharge from physiotherapy. Delivering this training appears to be feasible as a face-to-face or blended delivery option; flexibility in training method might facilitate the recruitment of greater numbers of peer support volunteers in future studies. The findings have informed amendments to be made to the training programme prior to further evaluation, namely (i) enhanced participant information for prospective volunteers; (ii) reduce the need for downloading and printing materials; (iii) carefully consider the best method of assessing communication and interpersonal skills, and (iv) consider providing top-up training to volunteers during the intervention phase. Further research is required to evaluate the PALS training programme on a more diverse sample of peer support volunteers. The next phase of this research will be to conduct a large-scale study to fully evaluate the peer support training
and the effectiveness of the peer support intervention provided by the trained volunteers.

**Practice Implications**

Supported self-management of CLBP is recommended by several practice guidelines, but can be difficult to achieve in practice. Peer support is a promising method of facilitating CLBP self-management without producing an additional burden to physiotherapy services. It is possible to recruit and train community dwelling adults with CLBP as peer support volunteers. Ultimately, it might be possible for peer support to provide a relatively low-cost intervention to support older adults with CLBP following discharge from physiotherapy services.

**Acknowledgements**

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**Ethical Approval:** The study was approved by the XXXX Research Ethics Committee (Ref No: XXXX).

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**Conflicts of interest:** None
References


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## Table 1: PALS training programme

<table>
<thead>
<tr>
<th>Face-to-face delivery</th>
<th>Blended delivery</th>
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<tbody>
<tr>
<td><strong>Part 1 – Independent study</strong></td>
<td><strong>Part 1 – online learning package</strong></td>
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<tr>
<td>“pre-training pack” consisting of:</td>
<td>Phrases</td>
</tr>
<tr>
<td>- Introduction to training including aims &amp; objectives</td>
<td>- Introduction to training &amp; PALS study</td>
</tr>
<tr>
<td>- Volunteer person specification &amp; role description</td>
<td>- Volunteer person specification &amp; role description</td>
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</table>
| - CLBP self-management literature  
  - The Back Book\(^{32}\)  
  - Pain Toolkit\(^{33}\)  
  - Living with persistent pain in later life\(^{34}\)  
  - How to look after your mental health\(^{35}\) | - CLBP self-management literature  
  - The Back Book\(^{32}\)  
  - Pain Toolkit\(^{33}\)  
  - Living with persistent pain in later life\(^{34}\)  
  - How to look after your mental health\(^{35}\) |
| - Web links to selected online resources on CLBP and self-management | - Web links to selected online resources on CLBP and self-management |
| **Part 2 – Face-to-face day 1** | **Part 2 – online learning package** |
| Short presentations, interactive group exercises & discussions on: | Phrases  |
| - The PALS study | - PALS intervention |
| - What is peer support? | - What is peer support? |
| - CLBP & peer support | - CLBP & peer support |
| - Peer support roles & skills | - CLBP self-management |
| **Part 3 – Independent study** | **Part 3– online learning package** |
| “mid study pack” consisting of: | Phrases  |
| Reading materials and self-completion reflective exercises on: | - PALS intervention processes |
| - Mentoring | - Boundaries & challenges |
| - Core skills | - Confidentiality |
| - Communication & questioning styles | - Self-management strategies |
| - Confidentiality | Phrases  |
| - Self-management strategies | Phrases  |

\(^{32}\) The Back Book  
\(^{33}\) Pain Toolkit  
\(^{34}\) Living with persistent pain in later life  
\(^{35}\) How to look after your mental health
(pacing, goal-setting, relaxation)

<table>
<thead>
<tr>
<th><strong>Part 4 – Face-to-face day 2</strong></th>
<th><strong>Part 4 – face-to-face workshop</strong></th>
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<tbody>
<tr>
<td>Short presentations, interactive group exercises &amp; discussions on:</td>
<td>• Review of self-completion exercises</td>
</tr>
<tr>
<td>• The PALS intervention</td>
<td>• Discussion of topics identified by participants</td>
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<tr>
<td>• CLBP &amp; self-management</td>
<td>• Future involvement in the PALS study</td>
</tr>
<tr>
<td>• Boundaries &amp; challenges</td>
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<td>• Future involvement in the PALS study</td>
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Table 2: Outcome Measures
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<tr>
<th>Objective</th>
<th>Measure</th>
<th>Further details</th>
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<td><strong>Feasibility</strong></td>
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<tr>
<td>Recruitment of peer support</td>
<td>Recruitment rates</td>
<td>Numbers approached/effort required: participants recruited</td>
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<tr>
<td>volunteers</td>
<td>Demographics</td>
<td>To explore suitability of inclusion/exclusion criteria</td>
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<td></td>
<td>Qualitative interview</td>
<td>To explore perceptions of recruitment process</td>
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<tr>
<td>Retention of peer support</td>
<td>Retention rates</td>
<td>Reporting drop-outs</td>
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<tr>
<td>Feasibility of peer support</td>
<td>Participant numbers</td>
<td>Numbers attending face-to-face and completing blended delivery</td>
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<td>training programme</td>
<td>Time &amp; resources utilised</td>
<td>Reporting drop-outs</td>
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<td>Staff time &amp; resources required for face-to-face and blended learning formats</td>
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<td><strong>Acceptability</strong></td>
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<tr>
<td><strong>Acceptability of peer support training programme</strong></td>
<td>Training evaluation (questionnaire)</td>
<td>Completed after each day (face-to-face) or at the end of blended delivery</td>
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<td>Qualitative interview</td>
<td>To explore perceptions of training received</td>
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<tr>
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<td>Training evaluation</td>
<td>Completed after each day (face-to-face) or at the end of blended delivery</td>
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<td></td>
<td>Qualitative interview</td>
<td>To explore satisfaction with training and resources received</td>
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<tr>
<th><strong>Knowledge/Skills &amp; Self-efficacy</strong></th>
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<td><strong>Knowledge of CLBP and peer support</strong></td>
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<td><strong>Self-efficacy for delivering intervention</strong></td>
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<td>Table 3: Sample demographics</td>
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<tr>
<td><strong>Gender</strong></td>
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<td>60+</td>
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**Figure 1: PALS Peer support training logic model**

<table>
<thead>
<tr>
<th><strong>AIM</strong></th>
<th><strong>ACTIVITIES</strong></th>
<th><strong>OUTPUTS</strong></th>
<th><strong>OUTCOMES</strong></th>
</tr>
</thead>
</table>
| Increase knowledge & understanding of CLBP, self-management and peer support volunteering to be able to deliver PALS intervention | **PALS training**  
*What:* Training on CLBP, self-management, peer support skills  
*Where:* University and/or community  
*Who:* research team with expertise in CLBP self-management  
*How:* 2-day (non-consecutive) face-to-face + independent study OR 3 online topics, discussion | Number of peer support volunteers recruited  
Demographics of peer support volunteers recruited  
Number of peer support volunteers completing training  
Number of peer support volunteers delivering intervention  
Time & resources used to deliver training | Satisfaction with training  
Acceptability of training  
Knowledge & understanding of CLBP & peer support  
Self-efficacy (for delivering PALS intervention)  
Perceptions of/satisfaction with delivering intervention  
Desired Impact |
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<thead>
<tr>
<th>PROCESS EVALUATION</th>
<th>OUTCOME EVALUATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>forum + ½ day workshop</td>
<td>Successful delivery of PALS intervention, demonstrated by:</td>
</tr>
<tr>
<td></td>
<td>Integrity of intervention delivered*</td>
</tr>
<tr>
<td></td>
<td>Satisfaction of patients receiving peer support*</td>
</tr>
<tr>
<td></td>
<td>Patient outcomes**</td>
</tr>
</tbody>
</table>

CLBP=Chronic low back pain; PaLS=Peer support in XX for Long-term condition Self-management; *To be reported elsewhere (PALS intervention feasibility evaluation); **To be evaluated in future randomised controlled trial