

## **A Feasibility Study of a Community-Based Program for Individuals Living With Dementia.**

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# A Feasibility Study of a Community-Based Program for Individuals Living With Dementia

Étude de faisabilité d'un programme offert dans la communauté pour les personnes atteintes de démence

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**Key words:** Dementia\*; caregivers\*; community; occupational therapy\*.

**Mots clés :** Communauté ; démence ; ergothérapie ; proches aidants.

## Abstract

**Background.** Engagement in meaningful social and everyday activities is crucial for maintaining overall well-being and quality of life. However, individuals diagnosed with dementia are more likely to experience a decline in participation, which can lead to social isolation and loneliness. This highlights the need for programs that help individuals to adapt to the changes following a dementia diagnosis. *Journeying through Dementia* (JtD) is one such program, designed to encourage continued meaningful participation. **Purpose.** This study aimed to explore the feasibility of implementing the JtD program in Quebec and to collect preliminary data to inform future trials. Five feasibility criteria were assessed: (a) acceptability of the program; (b) appropriateness of content and delivery; (c) adherence and retention; (d) suitability of recruitment strategies; and (e) appropriateness of outcome measures. **Methods.** A single-site exploratory feasibility study was conducted, guided by the Medical Research Council (MRC) framework. The intervention consisted of eight 2-hour group sessions held at a research center. The MRC framework also guided data collection and analysis. **Finding.** Three participants completed the program. They reported several benefits and found both the content and delivery appropriate. Adherence and retention rates were high. Partners also expressed interest in participating in the study and contributed valuable insights. Feedback on recruitment and the use of outcome measures was provided for consideration in the next phases of the study. **Conclusion.** Findings support the feasibility and acceptability of the JtD program in the Québec context and highlight considerations for future evaluation.

## Résumé

**Description.** L'engagement dans des activités sociales et quotidiennes significatives est crucial pour maintenir son bien-être général et sa qualité de vie. Cependant, les personnes ayant un diagnostic de démence courent un sont plus susceptibles de connaître une baisse de participation, ce qui peut mener à l'isolement social et à la solitude. Cela met en évidence la nécessité de programmes qui aident les personnes à s'adapter aux changements suite à un diagnostic de démence. *Journeying through Dementia* (JtD) est l'un de ces programmes, conçu pour encourager la participation continue à des activités significatives. **But.** Cette étude visait à explorer la faisabilité de la mise en œuvre du programme JtD au Québec et à recueillir des données préliminaires en vue des essais futurs. Cinq critères de faisabilité ont été évalués : (1) l'acceptabilité du programme; (2) la

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pertinence du contenu et de le déroulement du programme; (3) l'adhésion et la rétention; (4) la pertinence des stratégies de recrutement; et (5) la pertinence des critères d'évaluation. **Méthodologie.** Une étude de faisabilité exploratoire sur un seul site a été menée, guidée par le cadre du Medical Research Council (MRC). L'intervention consistait en huit séances de groupe de deux heures tenues dans un centre de recherche. Le cadre du MRC a également guidé la collecte et l'analyse des données. **Résultats.** Trois personnes participantes ont terminé le programme, faisant état de plusieurs avantages et la pertinence du contenu du contenu et de le déroulement du programme. Les taux d'adhésion et de rétention ont été élevés. Les partenaires ont également exprimé leur intérêt à participer à l'étude et ont apporté des commentaires éclairant. Une rétroaction sur le recrutement et sur l'utilisation des critères d'évaluation a été fournie en vue des phases suivantes de l'étude. **Conclusion.** Les résultats confirment la faisabilité et l'acceptabilité du programme JtD dans le contexte québécois et mettent en relief les aspects à considérer pour l'évaluation future.

## Introduction

Social participation is essential for health, well-being, and quality of life (Law et al., 1998; Levasseur et al., 2022). For individuals living with dementia, opportunities for social participation are, however, often disrupted, leading to social isolation and loneliness. Prevailing narratives surrounding dementia often emphasize deficits and portray individuals as unfit to perform in social situations, which contributes to their exclusion (Birt et al., 2020; Kotwal et al., 2024). The cognitive and behavioral changes associated with this diagnosis, combined with social environments that fail to support inclusion, further contribute to restricted social participation (Craig, 2017). Lonely and socially isolated individuals face a range of health-related consequences, including memory decline and increased anxiety (Azevedo et al., 2021), decreased overall well-being (Kotwal et al., 2024), a higher risk of mortality, and greater healthcare utilization, such as more frequent visits to the emergency department (Bartley et al., 2024). Social isolation and loneliness can also be a shared experience between persons living with dementia and partners who would also benefit from tailored interventions (Kotwal et al., 2024).

To promote participation in society and engagement in meaningful activities to individuals living with dementia, it is important to intervene accordingly (Górska et al., 2021; Smith et al., 2022). Traditionally, these interventions have focused on middle or later stages of this disease. Increasing attention is, however, being given to earlier interventions, such as educational approaches that promote health and support individuals in adapting to and managing their diagnosis (Testad et al., 2020; Kajander et al., 2024). Early interventions may reduce stress and need for health services (King et al., 2024), which can occur due to uncertainties about the diagnosis and a lack of information regarding what to expect. Considering that, by 2030, approximately one million Canadians will be living with Alzheimer's disease or other forms of dementia, a number that is expected to double by 2050 (Alzheimer's Society Canada, 2022), it is therefore crucial to develop effective interventions that foster participation in everyday activities for this population to support individuals as soon as they receive the diagnosis.

*Journeying through Dementia* (JtD), an occupation-based community program developed for older adults living with early-onset dementia, is an example of an intervention that

supports meaningful participation (Mountain & Craig, 2012). The focus on the preventive role of occupation as an intervention resembles the Lifestyle Redesign<sup>®</sup> program, one of the first evidence-based occupational therapy programs delivered in the community for older adults (Clark, 2015), which supports continued participation in meaningful activities.

JtD is grounded in occupational science and is based on the belief that "it is through one's immersion in the world of occupations that new discoveries about one's potential and a forward movement of one's life takes place" (Jackson et al., 1998, p. 329). This program was developed in the United Kingdom in partnership with individuals diagnosed with early-onset dementia and their care partners (Mountain & Craig, 2012). Based on participants' views on how quality of life could be maintained after a dementia diagnosis, five key themes formed the foundation of the program: (a) Enhancing daily living, (b) Adapting everyday environments, (c) Maximizing psychological well-being, (d) Optimizing physical well-being, and (e) Supporting families and carers as equal partners. Each theme consists of several modules, used by occupational therapists during group sessions (e.g., enabling environments, technology, memory maintenance). Participants collaborated in shaping the program's delivery mode, which includes 12 group sessions, individual meetings with an occupational therapist, and group outings. Participants emphasized that it was important for the program to focus on practical strategies and hands-on activities that they could apply in their everyday lives rather than following a more educational approach.

The JtD aligns with the World Health Organization (WHO, 2021) initiative aimed at improving communities' understanding of dementia and creating dementia-inclusive societies, *that is*, "where people with dementia can live meaningfully, safely and with dignity" (WHO, 2021, p. iv). The implementation of JtD is considered an essential aspect of occupational therapy practices in the United Kingdom. It is also aligned with national priorities outlined in Scotland's Dementia Strategy (Gray et al., 2023), and is recommended as a core role of occupational therapy (Gray et al., 2023). In Quebec, there is a lack of community-based programs for older adults living with early dementia that focus on promoting meaningful participation.

To collect preliminary data to support the planning of future trials, this study thus aimed to explore the feasibility of future implementation of the JtD program in Quebec, and

Table 1.  
Flow, Topics, and Attendance of Sessions.

Sessions	Topics <sup>a</sup>	Attendance <sup>b</sup>
1	Welcome and introductions	Dyads together in the same room
2	Health, well-being, and activity	Participants and partners in separate rooms
3	Making the most of routines	Participants and partners in separate rooms
4	Outing	Participants went for a visit to a site nearby, and partners met in a separate room
5	Maintaining community connectedness	Participants and partners in separate rooms
6	Enabling environment and technology	Participants and partners in separate rooms
7	Memory maintenance	Participants and partners in separate rooms
8	Moving forward: celebrating and ending	Dyads together in the same room

<sup>a</sup>List of topics discussed by participants in each session.

<sup>b</sup>A light lunch was served in the first 30 minutes of the program, and the rest of the sessions lasted one and a half hours.

given differences in cultural context between the United Kingdom and Quebec, it was necessary to assess how the program would be received locally. Specifically, the study explored: (a) their acceptability of the program; (b) appropriateness of its content and modes of delivery; (c) their adherence and retention to the program; (d) suitability of recruitment strategies, and (e) appropriateness of outcome measures.

## Methods

### Study Design

Guided by the Medical Research Council (MRC) framework for developing and evaluating complex interventions (Skivington et al., 2021), a single-site exploratory feasibility study was conducted. Exploratory studies are important for generating preliminary evidence needed to determine whether and how to proceed with a larger-scale intervention. One key objective of exploratory studies is to assess the feasibility of the intervention (Moore et al., 2018).

The MRC framework considers a broader range of contextual and implementation questions. In line with our study's objective we focused on five feasibility criteria, the first following three based on the intervention: (a) Acceptability (i.e., the extent to which program recipients were satisfied with the program and found it appropriate for their needs), (b) Program content and delivery (i.e., how participants responded to the content and mode of delivery of the intervention), (c) Adherence and retention (i.e., participants engagement including the number of sessions attended, tasks completed, and number of participants that completed the study). The remaining two criteria relate to the study design: (d) Recruitment (i.e., evaluating the strategies used to recruit participants into the study), and (e) Outcome measures (i.e., examining whether participants were able to complete the outcome measures, their understanding of the questions, level of fatigue during completion, and assistance required). The study was approved by the *Comité d'éthique de la recherche vieillissement-neuroimagerie* of the *Centre intégré universitaire de santé et de services sociaux (CIUSSS) du Centre-Sud-de-l'Île-de-Montréal* and the

Institutional Review Board for the Faculty of Medicine and Health Sciences at McGill University.

### Participants and Recruitment

Participants were referred to this program by a support service manager from a community organization that provides services for individuals living with a diagnosis of dementia and their partners. The service manager was familiar with the participants from other activities within the organization and understood the program's objectives. She identified individuals who could benefit from the program and referred them to the study coordinator, who later contacted them for interviews. The inclusion criteria were as follows: self-reported diagnosis of dementia, the ability to provide informed consent, living in the community, being willing to commit to an 8-week program, and being able to communicate in English. To avoid the limitations associated with using cognitive tests as a cutoff for inclusion (Brijnath, 2011), eligibility for the program was determined by the professional judgment of the services manager at the community organization. An occupational therapy student further validated this decision during the first interview. In line with an exploratory feasibility study, we initially anticipated recruiting a group of six participants to allow for a more in-depth exploration of their experiences.

The program was initially designed for care partners to attend only the first and last sessions, provided their partners consent. However, after participating in the first session, the care partners expressed a desire to stay involved throughout the program. Since the program allowed for some flexibility in its structure, we were able to accommodate their request for ongoing participation as detailed below.

### Intervention

For the feasibility study, dyads met weekly for 8 group sessions covering the following modules: (a) Welcome and introductions, (b) Health, well-being, and activities, (c) Making the most of routines, (d) Outing in the community, (e) Maintaining community connectedness, (f) Enabling environment and technology, (g) Memory maintenance, and (h) Moving forward: celebrating and ending. Each session began with a light lunch during the first

30 minutes, bringing together participants, the facilitator, and the research team. Following lunch, the session continued for approximately 1.5 hours. All sessions were held at the research center and conducted in English. Table 1 describes the session flow.

From sessions 2 to 6, care partners began meeting in a separate room following the shared lunch. These informal gatherings, facilitated by a member of the research team, provided a supportive space for care partners to discuss the challenges and opportunities they face following their partner's diagnosis.

As the JtD was codeveloped with individuals living with dementia and family members and aligns with key priorities identified in the literature—such as engagement in everyday activities, peer support, and access to education and coping strategies (Belchior et al., 2023) – no adaptations were carried out before the start of the program. This study aimed to determine whether context-specific modifications were necessary, without altering the content, while also testing key feasibility components before further implementation studies.

### Program Facilitator

The occupational therapist who led the program had over 10 years of experience working with older adults diagnosed with neurocognitive disorders and expertise in group dynamics. Due to his background, he only required a brief training period, which consisted of three 1-hour sessions with one of the co-authors (CG), who was involved in the development of the JtD program. During this training, the occupational therapist was informed about the program structure and the materials used for its delivery.

### Data Collection

**Outcome measures:** Three questionnaires were selected to assess outcomes of interest in the study. The first is the Canadian Occupational Performance Measure (COPM) (Law et al., 1990), which is designed to identify and evaluate individuals' perceived performance in everyday activities related to self-care, productivity, and leisure. It uses a semi-structured interview to help clients prioritize meaningful goals and rates both performance and satisfaction on a 10-point scale. The second is the Dementia Quality of Life Questionnaire (DEMqOL), specifically designed to assess the quality of life for individuals with dementia (Smith et al., 2007). The third is the General Self-Efficacy Scale (Schwarzer & Jerusalem, 1995), which measures individuals' belief in their ability to perform in everyday situations. Additionally, one questionnaire was administered to partners and was developed to evaluate burden: the Zarit Burden Scale (Zarit et al., 1980). Finally, the occupational therapy student took field notes during the sessions to document the steps of program delivery.

The study coordinator met with participants at three points during the study. The initial meeting was conducted either at the participants' homes or at the research center. During this session, participants completed baseline outcome measures. The midpoint check-in consisted of a brief phone call to

monitor progress and collect impressions about their experiences with the program thus far. The final interview was conducted in person. During the final interview meeting, participants were also asked a series of questions to gather their perception about the program. These questions were informed by the key feasibility criteria explored in this study, specifically focusing on acceptability, content, and delivery, and included questions such as: "What is your overall impression of the program?", "To what extent did the program address your needs?", "Did you experience any benefits from participating in the program?", "Did you experience any frustration with the program?", "How willing would you be to continue participating in a program like this?". All participants chose to invite their partners to take part in the interviews. The partners provided valuable insights, having attended portions of the program. Their contributions were therefore included in the analysis as they had also provided consent to be part of the study.

Specifically, data for acceptability, program delivery, and compliance were collected through semi-structured interviews and field notes. Data for recruitment and retention were collected through field notes. Finally, data for outcome measures were collected through questionnaires and field notes. Efforts were made to ensure that the questions were easy to understand, thereby minimizing participant fatigue. Questionnaires were administered both before the program began and at its conclusion.

### Data Analysis

Data were analysed using a primarily deductive approach, guided by feasibility domains (Skivington et al., 2021). We used Miles et al. (2020), which served as a guide to structure the thematic content analysis. First-level codes were developed inductively to capture participants' specific experiences (e.g., "impression about the program," "safe space," "demystifying dementia"). These codes were then grouped into second-level themes corresponding to the predefined feasibility domains, which served as the thematic categories.

## Results

Four participants were recruited, but one withdrew because of a schedule conflict. As a result, three participants completed the study. All participants were white men, aged between 63 and 79 [P1 (65), P2 (63), and P3 (79)], held university degrees, currently retired, lived with their partners, and had received their diagnosis within the past 5 years.

Overall, the program was perceived as acceptable by participants, with both content and modes of delivery considered appropriate (Table 2). Adherence and retention rate were high, indicating strong engagement with the intervention. While recruitment presented some challenges, valuable insights were gained regarding potential barriers (Table 2).

**1. Acceptability:** Participants' overall acceptability of the program was confirmed through their satisfaction, increased

Table 2.  
Summary of Key Feasibility Criteria and Outcomes.

Key feasibility criteria	Definition	Key outcomes
1. Acceptability	The extent to which participants were satisfied with the program and found it appropriate for their needs	1.1. Participants reported satisfaction with the program. 1.2. Increased self-awareness and confidence. 1.3. Gained insight. 1.4. Fostered meaningful social connections. 1.5. Program demonstrated potential to address a gap in service.
2. Program content and delivery	Participants' response to the content and mode of delivery	2.1. Facilitator's style appreciated. 2.2. Content was relevant and appropriate; however, one participant noted the focus on memory and not other cognitive domains. 2.2.1. Helped demystify aspects of dementia. 2.3. Provided a safe and supportive environment. 2.4. Delivery adapted to include the participation of partners. 2.4.1. Value of spending time together and separately.
3. Adherence and retention	Participants' engagement in the program	3. High adherence and retention levels reported.
4. Recruitment	Evaluation of strategies used to recruit	4. A prior personal connection with someone involved in the program increased confidence to participate; Transportation issues and schedule conflicts were barriers to participation.
5. Outcome measures	Assess participants' ability to complete outcome measures	5. Participants faced challenges completing outcome measures; Highlighted the need to reflect on meaningful outcomes measures for participants living with dementia.

self-awareness and confidence, as well as enhanced insight into their abilities and experiences (Table 2). In addition to these benefits, they perceived that the program offered a place for connection and filled a gap in services.

**1.1. Satisfaction:** Participants enjoyed taking part in the program and reported that they would have liked it to continue longer (Table 2). As one participant (P) shared: "I would love more [participation in the program], it has been a good feeling" (P3). After the program ended, participants continued to meet at the community organization twice a month, and they have remained in contact even a year later.

**1.2. Increase self-awareness and confidence:** One of the benefits reported from participating in the program was an increased self-awareness and confidence among participants toward their ability to continue contributing (Table 2). It helped them realize that, despite their dementia diagnosis, they can still learn, participate, and make meaningful contributions, as mentioned by one participant: "Instead of crying because we have Alzheimer, I can still do big things. [...] continue to provide something interesting to people around us [...] it makes us feel a little less lonely" (P2).

During the program, two participants chose to engage in volunteering activities (Table 2). One participant found that the program boosted his confidence, leading him to volunteer alongside his partner at a program that provides physical activities for individuals with mobility issues. He enjoyed his volunteer work, as it provided an opportunity to continue learning, as he reported: "I think the learner cycle, part of that learning is learning from the people who have challenges" (P3).

**1.3. Growth insight:** For participants facing more challenging issues, an extended program duration and home visits

would provide opportunities to address additional topics that were not addressed in the 8-week sessions (Table 2). For example, towards the end of the program, one participant felt comfortable disclosing that his judgment issues had made him a victim of internet scams, which had caused some tension in their relationship. The participant partner (PP) viewed this as a positive development, as it indicated that her spouse had gained insight into the issue and was now open to discussing it, as highlighted by both in the following:

I have judgment issues... [when] I find myself in and some of the environments, including the Internet, my judgment leaves me sometimes as a victim (P1);

I see a difference in you after the group, in the last couple of weeks. More of a reflection. You did not want to talk about it, but you were thinking, and then coming out with things. Because you're a person who is very reflective, I'm seeing that when you come out of the group. More a calmness (PP1).

**1.4. A place for connection:** The program also provided an opportunity to foster meaningful connections, considering that some participants had withdrawn from social situations due to the challenges faced after diagnosis (Table 2). In the group, they found that they could share experiences and opportunities to make life more enjoyable, as reported by one participant:

The first thing is that I'm not alone. Even though we have problems with Alzheimer's, there are three people living with it, and we have interesting things to share. People different from us have other ways of being, and it gives ideas to make life more enjoyable (P2).

**1.5. Fills a gap in service:** Another benefit noted by participants is that this program addresses a gap in service for

individuals living with a diagnosis of dementia and their partners (Table 2): “[This program] is something that I think is missing because all of us in different ways went through a situation where we were looking for something” (PP3).

**2. Program content and delivery:** Participants generally found the program content and delivery to be appropriate (Table 2). They appreciated the facilitator’s engagement style and felt the material was relevant and tailored to their needs. Overall, the program helped demystify dementia and created a safe and supportive environment for participants (Table 2). One adaptation was to include the care partners.

**2.1. Program facilitator:** Participants appreciated how the program was delivered and the facilitator’s style (Table 2), which contributed significantly to the program’s success: “I think [the facilitator] was impressively, surprisingly good. I found the animation very professional, very engaging, and certainly affirming” (P1).

**2.2. Appropriateness of the content:** Overall, participants found the program content appropriate and relevant to their needs (Table 2). One participant felt, however, that there was an overall focus on memory issues, while his challenges were more related to judgment, which was not very much explored. Participants also found it challenging to prioritize the topics during the first session; all topics felt quite important, but they appreciated having the opportunity to choose the topics rather than having the topics selected a priori. As one participant said: “When you have Alzheimer’s [...] you can still have ideas, you are not dead, you can still think about new things” (P2).

Participants also found it relevant that the program was centered around the idea of maximizing well-being and provided concrete steps (Table 2), as mentioned by one partner:

This theme of living your best life, we used to talk about it [at home] and in the group, that was the focus a lot, but in a very concrete way. It was very good. I got a lot of benefit from that (PP1).

Participants felt that their discussions were enriching, and they learned something new each week, as expressed by one participant:

For us to be able to create this environment and have that type of substantive discussion (P3).

**2.2.1 Content helped to clarify misconceptions about dementia:** By focusing on the individual rather than the diagnosis and highlighting possibilities instead of limitations, it challenged common stereotypes about dementia (Table 2). Such as demonstrating that a person diagnosed with dementia can still lead an active life and engage in meaningful interactions inspired them, as reported by one partner: “It [the program] was all about demystifying, because it’s really hard to explain it. People have these preconceived notions of what dementia is and a person can do” (PP1).

**2.3. Provided a safe environment:** The way the program was delivered created a safe and supportive environment (Table 2), where participants felt comfortable sharing personal information, as mentioned:

I found that people felt safe enough if they wanted to speak. We did not know each other, but everyone felt comfortable enough to participate, contribute, share, and help (P3).

## 2.4. Adaptation of the delivery of the program:

**Participation of partners:** The program was developed for the partners to participate in the first and last sessions of the program (Table 2). Following the initial meeting, they felt a strong bond with each other and wanted to nurture that relationship. As a result, an additional meeting room was booked for their ongoing gatherings. These meetings were unstructured, allowing partners to share their experiences throughout their journey, as mentioned: “I really felt a connection with the other ladies. No one knew that there was going to be such a connection in the group. It really was wonderful, and we could see it on day one. We started looking at and understanding each other, respecting each other. Thank you for allowing us to meet and keep nourishing that bond” (PP2).

Partners reported that participating provided them with an opportunity to understand the program with their spouse: “I like the fact that we were together, came home together, and we understand this program together” (PP1). They also noted how meaningful it was to see participants connecting with one another at the end of each session, as highlighted by one partner:

It was also nice to see the other gentleman, what their face was like when they got out of that meeting, banter and joking a little. You could tell that they were also connecting [...]. It just happened and I felt a kinship (PP2).

Having them together reassured individuals living with dementia that their partners were also taken care of and that their issues were also being addressed, which was important to them, as mentioned by one participant:

I really think that I was going to be by myself, and I thought that [my partner] would be telling me the stories after I got home. As it turns out, that was a very good, and that might have also been felt by the other guys (P1).

### 2.4.1. Participants enjoyed spending time together and separately:

Another aspect of the delivery that was appreciated by the participants was that they had the opportunity to spend time together at the beginning of each session, as well as separately with their own groups (Table 2). The space and way the program was delivered made them feel more like a couple, and less like a caregiver, fostering a sense of community. The label of “caregiver” was lifted, viewing this change positively, as one partner stated: “It reinforces you are in this together, and you are separate. I really appreciated that. I felt like less of a caregiver, and more a partner and a spouse” (PP1). The 30 minute spent together as a couple during lunch were helpful in creating a sense of a little community, as reported by one partner and one participant:

I have been in that type of situation before, and I enjoy it. This was very good at the beginning, where we are all together just as the little groups, like the couples [...] It was really important for me (PP1).

One participant expressed that it also helped to understand what other couples living in similar situations were dealing with in their everyday lives, although it took some time to feel comfortable opening up: “Because we exchanged, we understood what the other one was typically doing with his wife. It took time to exchange frankly and openly, I feel that it took many meetings” (P2).

**3. Adherence and retention rate:** As mentioned, one person withdrew before the program started because of a schedule conflict. The participants attended 100% of the sessions (Table 2). One couple had a scheduled vacation during one of the sessions and joined via Zoom. Participants eagerly anticipated each meeting, as one of them reported: “I know every time there’s a meeting coming up that day, I’m excited to go” (P3). For the most part, the program was delivered as originally planned. Due to time and resource limitations, individual occupational therapy meetings could not, however, be conducted, which deviated from the initial program.

**4. Barriers and Facilitators to Recruitment.** From day one, having a good and familiar connection with the service manager of the community center was important to many participants and played a significant role in their willingness to join the group (Table 2). This familiarity instilled a sense of confidence, as mentioned by one participant:

Because[the service manager] thought we would be a good fit, and indeed she had a good sense for it, but it’s not just because you have the diagnosis that you’re going to [enjoy] it (P2).

The recruitment represented some challenges. In addition to the person who withdrew before the program started, another individual expressed great interest but was unable to attend due to transportation issues (Table 2). Moreover, another potential participant had prior commitments that conflicted with the program’s schedule.

**5. Appropriateness of the Outcome Measures.** The participants encountered challenges while completing the outcome measures (Table 2). When using the COPM, they found it difficult to identify priority areas to focus on due to the many changes occurring in their lives simultaneously. For example, for one participant who self-reported that he tended to lose his train of thought while speaking, he did not specifically identify occupations that were challenging. Instead, his answers centred around more general concerns such as “managing the pace of his day.” Administering the COPM took about one hour, which is longer than usual; however, this time was necessary to effectively guide participants in discussing relevant life areas. Many participants struggled to understand the ratings of satisfaction and the importance of the activities involved. Additionally, the DEMQoL and self-scale questionnaires presented difficulties, as they relied heavily on the participants’ memory, which posed a challenge. Most participants experienced fatigue while completing the questionnaires.

## Discussion

The goal of this study was to explore the feasibility of implementing the *Journeying through Dementia* program in the

Quebec context to gather preliminary data to support planning of future trials. Feasibility was assessed using five indicators (Skivington et al., 2021): acceptability, program content and delivery, adherence and retention, recruitment, and outcome measures. Three dyads participated in an 8-week program, which involved weekly 2-hour sessions. Overall, this study supports the feasibility of using the *Journeying through Dementia* program in Quebec and offers insights to guide future adaptations and ongoing implementation research.

Overall, participants were satisfied with the program and experienced positive benefits. Participation in the program provided a sense of self-awareness, confidence, and insight. It also created an environment in which participants could connect with others and build supportive relationships, which demonstrates the potential of this program to address social participation. The importance of supportive social environments for the well-being of people living with dementia has also been highlighted in previous research (Sturge et al., 2021). Starting new activities, meeting others, and building trust have been reported to create feelings of normalcy and self-worth; these were elements in this program that could have contributed to the positive results. Our findings align with previous research that has demonstrated that empowerment in people living with dementia is fostered through interactions within their social environment, particularly through communication about their needs and wishes, as well as enabling shared decision-making and reciprocal relationships. (Ziebuhr et al., 2023).

Another benefit reported by participants was the program’s potential to address a gap in existing services by offering tailored and flexible support. In this context, the program stands out as a promising approach to addressing this need. As highlighted by King et al. (2024), the current service landscape is characterized by fragmented infrastructure, limited resources, and an inconsistent understanding of dementia. The challenges in accessing services post diagnosis have also been documented elsewhere (Ramakrishnan & Malhotra, 2025; Parsons et al., 2025; Zhang et al., 2025).

In relation to the program content, participants felt that the topics were overall appropriate and relevant to their needs. The focus of the program on “living your best life” instead of focusing on losses and decline conveyed a broader and more hopeful outlook on life, which was appreciated. While the meaning of living well may differ among individuals and change over the course of the disease, one recent study has identified six common factors that contribute to this experience (Quinn et al., 2022), which has also alignment with our results: (a) a positive outlook on life (e.g., participants expression that even though they have Alzheimer’s they still have interesting things to share); (b) physical fitness and health; (c) social engagement and connectedness (e.g., connection among participants and among partners); (d) independence in daily activities; (e) quality of interpersonal relationships (e.g., feeling more like a couple and less like a “caregiver”), and (f) perceived social standing and societal role (e.g., feeling that they are not alone). (Quinn et al., 2022). These factors were introduced in

the program and also contribute to supporting participants' social participation.

This perspective necessitates a shift from the traditional medical model, which primarily focuses on symptom control, to a more holistic approach. Participants also described the program as destigmatizing, possibly due to the reframing of dementia as a manageable condition rather than focusing only on losses. This approach can also contribute to shifting the label of "caregiver" to a "partner," a change that was valued by participants. The term "caregiver" can be unsettling, as it can imply a shift in personal identity that not all partners are comfortable with. One partner expressed that the label of a caregiver feels imposed upon her, and this label risks shifting her identity as a woman and wife, overshadowing her own needs (Hooper & Collins, 2019). One proposed adaptation to the program would be the inclusion of content addressing cognitive changes beyond memory. As memory maintenance is covered, but other cognitive domains were not explicitly addressed, which was remarked by one participant.

In terms of the delivery of the program, an important adaptation in this study was the participation of the participants' partners in all sessions, rather than only the first and last as in the original program. In the first session, partners expressed a desire to participate in the meetings and form their own group to address their own needs. Participants observed that this experience helped them better understand the program together. In fact, the concepts of "together" and "separate" emerged as metaphors for their experiences, symbolizing their simultaneous shared and individual journeys through dementia. Viewing this experience from a relational lens, instead of focusing only on the person living with dementia, allowed for a more nuanced understanding of their journey, as also suggested by Demers (2022). Partners' ability to successfully orchestrate their lives to meet their occupational needs, along with persons diagnosed with dementia, is essential for well-being (Hooper & Collins, 2019).

The program also provided partners with a sense of belonging, addressing their loss of social connection. It created a space where they could experience mutual support in their roles (Hooper & Collins, 2019). In fact, there is an increased recognition of the importance of supporting couples' relationships through the dementia journey, but the community-based programs in this area remain largely unexplored (Bannon et al., 2025; Colloby et al., 2022).

This study suggests that when the social environment is adapted to meet the needs of both individuals living with dementia and their partners, they can also have positive experiences in the role of care partners (Demers, 2022). "Understanding of caregiver experience embedded within an occupational participation approach to explore caregiver and care recipient occupations could produce 'double-well-being'" (Demers, 2022, p. 228). It is important to note that the recruitment strategy did not intentionally focus on recruiting dyads; the occurrence of dyads was coincidental and contributed to the outcome. While other group compositions may yield different results, future research could benefit from intentionally

organizing specific groups for partners and also focusing on their relationships.

In terms of recruitment, participants' prior relationship with the organization helped them feel safe joining the study. This was important as individuals in the early stages of the disease may not be ready to participate in such programs, as they might still be coming to terms with the diagnosis. In fact, the stigma associated with a diagnosis of dementia often leads individuals to conceal their diagnosis or avoid social situations that might make them feel vulnerable (Xanthopoulou & McCabe, 2019). In addition, shame and guilt related to its symptoms, which can be worsened by negative societal attitudes (Kotwal et al., 2024), can contribute to reluctance in joining new groups.

One barrier encountered was transportation, which seems to be a challenge for participants at the organization overall. For many potential participants, driving may not be an option, and using public transportation can be challenging. Lamanna et al. (2020) suggest that alternative transportation solutions should be considered alongside the development of community-based programs, as this is a common issue.

The next feasibility criteria explored were related to study design. In terms of adherence and retention, participants attended all the sessions, with a 100% attendance rate, which could demonstrate the impact of the program on their daily lives. This can also attest to the satisfaction and positive benefits experienced by participants. From the very first session, there was a strong sense of belonging and connection among the group. All participants recognized that feeling safe was a crucial factor in enhancing their engagement in the program.

Our findings regarding the challenges participants faced in completing outcome measures are consistent with previous research. A recent narrative synthesis reviewed the use of standardized self-report measures in studies involving individuals living with dementia (Gridley et al., 2024). It revealed that incomplete assessments and missing data are common in these studies. These issues are often associated with factors such as participant burden or emotional distress caused by the assessment process. However, such challenges are seldom documented or discussed in published research (Gridley et al., 2024).

Some researchers argue there might be value in evaluating the immediate or short-term effects of the intervention, even section by section, instead of focusing on more long-term outcomes (Smith et al., 2022; Reilly & Harding, 2025), as previous research has highlighted the importance of "being in the moment" for individuals living with dementia. This is significant because their experiences of the condition can fluctuate, making reports on "last month" or "last week" not relevant (Smith et al., 2022).

There is a growing call to develop and validate new approaches for assessing psychosocial outcomes in individuals living with dementia (Reilly & Harding, 2025). While most existing assessment tools focus primarily on symptom reduction, this does not always reflect those with lived experiences. When asked, individuals living with dementia often emphasize

experiences such as feeling valued and respected, being able to laugh with others, and staying engaged in meaningful activities they enjoy (Reilly & Harding, 2025). If outcome measures fail to reflect these priorities, there is a risk of measuring the wrong things. This is supported by studies that have reported discrepancies between qualitative measures and standard assessments, which can risk failing to capture the real benefits of interventions (Reilly & Harding, 2025).

Lastly, because there are currently no specific assessments available to measure meaningful participation for individuals with dementia, researchers often rely on proxy outcomes, which was the case in this study. However, these outcomes may not reflect what is truly important to those living with dementia. Therefore, further research is necessary to develop a meaningful way to assess outcomes in this population.

## Limitations

One limitation of the study is the small sample size; however, the qualitative data collected provided detailed and rich accounts that offer valuable insight into participant experiences. Additionally, home visits—originally planned as part of the intervention—were not conducted due to the occupational therapist's limited availability within the study timeframe, making it logistically unfeasible to deliver this component. Given that this was an exploratory feasibility study primarily focused on assessing key feasibility indicators, we proceeded without the home visits. Lastly, the lack of demographic data on participants' partners may be seen as a limitation, as it restricts our ability to explore how partner characteristics may have shaped their experiences with the program.

Nonetheless, despite these limitations, the study offered meaningful insights into participants' experiences with the intervention. These findings contribute important knowledge that can inform the design and delivery of future programs and research aimed at similar populations. Finally, given the exploratory nature of this study, these limitations did not significantly compromise the overall aims related to feasibility.

## Conclusion and Next Steps

This exploratory feasibility study supports the feasibility of using the *Journeying through Dementia* program in Quebec and offers insights to guide future adaptations and ongoing implementation research. The program was well-received by participants, and adherence and retention were successful within the small-scale context of the study. Participants continued to meet at the community organization even after the program ended, demonstrating both sustained engagement and a critical need for this type of intervention. Noted adaptations for the next phases are the inclusion of partners in the program and refining the outcome measures. We recognize that the experiences of people living with dementia are very diverse, and the findings from this exploratory study may not represent the experiences of all groups. A diagnosis of dementia is not without challenges, but this study demonstrated that with

the appropriate support, individuals can still have meaningful experiences. Nevertheless, this study has provided relevant information to inform the planning of future work.

As a next step, we are collaborating with a community organization to build on the insights gained from the feasibility study and deliver the program in the community. This will allow us to gather further information on potential barriers and facilitators to implementation. A complementary step will be to translate the program into French—the predominant language spoken in Quebec, Canada—in preparation for a larger-scale evaluation. Together, these efforts aim to inform future implementation of the program.

As a concluding note, in this study, we use the term “people living with dementia” as it reflects the name of the program and is commonly used in the field. However, we recognize that not all individuals diagnosed with dementia identify with this term, and while alternatives like “neurocognitive disorders” are also used, many people are not familiar with this terminology. We strive to use language that respects individual preferences.

## Key Messages

Preliminary results support the feasibility of conducting further implementation studies of the *Journeying through Dementia* program in Quebec.

This exploratory study showed that recognizing people living with dementia and their care partners as equal collaborators should be taken into consideration when developing programs.

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## References

- Alzheimer's Society Canada. (2022). Navigating the path forward for dementia in Canada.
- Azevedo, L. V. d. S., Calandri, I. L., Slachevsky, A., Graviotto, H. G., Vieira, M. C. S., Andrade, C. B. d., Rossetti, A. P., Generoso, A. B., Carmona, K. C., Pinto, L. A. C., Sorbara, M., Pinto, A., Guajardo, T., Olavarria, L., Thumala, D., Crivelli, L., Vivas, L., Allegri, R. F., Barbosa, M. T., & Caramelli, P. (2021). Impact of social isolation on people with dementia and their family caregivers. *Journal of Alzheimer's Disease*, 81(2), 607–617. <https://doi.org/10.3233/JAD-201580>

- Bannon, S. M., McCage, S., Walker, K., Brewer, J., Ahmad, N., Cornelius, T., Parker, R. A., Dams-O'Connor, K., Dickerson, B., Ritchie, C. S., & Vranceanu, A.-M. (2025). Resilient together for dementia: A qualitative study of couples' treatment preferences to address distress early after diagnosis. *Journal of Alzheimer's Disease*, 105(3), 808–824. <https://doi.org/10.1177/13872877251332658>
- Bartley, M. M., St. Sauver, J. L., Schroeder, D. R., Khera, N., & Griffin, J. M. (2024). Social isolation and healthcare utilization in older adults living with dementia and mild cognitive impairment in the United States. *Innovation in Aging*, 8(10), igae081. <https://doi.org/10.1093/geron/igae081>
- Belchior, P., Levasseur, M., Filiatrault, J., Ramachandran, M., & Bier, N. (2023). Promoting participation in occupations among older adults living with neurocognitive disorders and caregivers. Gerontological Society of America Conference, Tampa, Florida, USA.
- Birt, L., Griffiths, R., Charlesworth, G., Higgs, P., Orrell, M., Leung, P., & Poland, F. (2020). Maintaining social connections in dementia: A qualitative synthesis. *Qualitative Health Research*, 30(1), 23–42. <https://doi.org/10.1177/1049732319874782>
- Brijnath, B. (2011). Use of the MMSE to screen for dementia in Delhi. *Dementia (Basel, Switzerland)*, 10(4), 625–635. <https://doi.org/10.1177/1471301211417168>
- Clark, F. A. (2015). *Lifestyle redesign: The intervention tested in the USC well elderly studies* (2nd Ed.). AOTA Press, The American Occupational Therapy Association, Inc.
- Colloby, S., Whiting, S., & Warren, A. (2022). Supporting the couple relationship following dementia diagnosis: A scoping review. *Health & Social Care in the Community*, 30(6), e3643–e3655. <https://doi.org/10.1111/hsc.14006>
- Craig, C. (2017). Giving people living with dementia a strong voice: Reflecting on the role of design to create enabling activities. Design4Health 2017: Proceedings of the 4th International Conference on Design4Health, Melbourne.
- Demers, L. (2022). Expanding occupational therapy perspectives with family caregivers. *Canadian Journal of Occupational Therapy*, 89(3), 223–237. <https://doi.org/10.1177/00084174221103952>
- Górska, S. M., Maciver, D., & Forsyth, K. (2021). Participation as means for adaptation in dementia: A conceptual model. *Aging & Mental Health*, 25(3), 499–511. <https://doi.org/10.1080/13607863.2019.1695740>
- Gray, A., Hunter, E., Craig, C., & Fisher, H. (2023). Occupational therapy co-designing their contribution to diagnostic support for people living with dementia. Journeying through Dementia 2020–2023 [Report]. Alzheimer's Scotland. <https://www.alliance-scotland.org.uk/wp-content/uploads/2024/01/JTD-Report-December-2023-Digital-final.pdf>
- Gridley, K., Baxter, K., & Birks, Y. (2024). How do quantitative studies involving people with dementia report experiences of standardised data collection? A narrative synthesis of NIHR published studies. *BMC Medical Research Methodology*, 24(1), 43. <https://doi.org/10.1186/s12874-024-02148-y>
- Hooper, E. K., & Collins, T. (2019). An occupational perspective of the lived experience of familial dementia caregivers: A thematic review of qualitative literature. *Dementia (Basel, Switzerland)*, 18(1), 323–346. <https://doi.org/10.1177/1471301216672489>
- Jackson, J., Carlson, M., Mandel, D., Zemke, R., & Clark, F. (1998). Occupation in lifestyle redesign: The well elderly study occupational therapy program. *American Journal of Occupational Therapy*, 52(5), 326–336. <https://doi.org/10.5014/ajot.52.5.326>
- Kajander, M., Gjesten, M. T., Ballard, C., Næss, H., & Testad, I. (2024). Health promotion in early-stage dementia: A focused ethnographic study of a 12-week group-based educational intervention. *SAGE Open Nursing*, 10, 23779608241266686. <https://doi.org/10.1177/23779608241266686>
- King, M., Peckham, A., Marani, H., Roerig, M., Yung, S., McGrail, K., Young, Y., Shaw, J., & Marchildon, G. (2024). Gaps in the system: Supporting people living with dementia. *Journal of Aging & Social Policy*, 36(5), 963–983. <https://doi.org/10.1080/08959420.2023.2226341>
- Kotwal, A. A., Allison, T. A., Halim, M., Garrett, S. B., Perissinotto, C. M., Ritchie, C. S., Smith, A. K., & Harrison, K. L. (2024). “Relationships, very quickly, turn to nothing”: Loneliness, social isolation, and adaptation to changing social lives among persons living with dementia and care partners. *The Gerontologist*, 64(4), gnae014. <https://doi.org/10.1093/geront/gnae014>
- Lamanna, M., Klinger, C. A., Liu, A., & Mirza, R. M. (2020). The association between public transportation and social isolation in older adults: A scoping review of the literature. *Canadian Journal on Aging/La Revue Canadienne Du Vieillessement*, 39(3), 393–405. <https://doi.org/10.1017/S0714980819000345>
- Law, M., Baptiste, S., McColl, M., Opzoomer, A., Polatajko, H., & Pollock, N. (1990). The Canadian occupational performance measure: An outcome measure for occupational therapy. *Canadian Journal of Occupational Therapy*, 57(2), 82–87. <https://doi.org/10.1177/000841749005700207>
- Law, M., Steinwender, S., & Leclair, L. (1998). Occupation, health and well-being. *Canadian Journal of Occupational Therapy/Revue Canadienne D'Ergothérapie*, 65(2), 81–91. <https://doi.org/10.1177/000841749806500204>
- Levasseur, M., Lussier-Therrien, M., Biron, M. L., Raymond, É., Castonguay, J., Naud, D., Fortier, M., Sévigny, A., Houde, S., & Tremblay, L. (2022). Scoping study of definitions of social participation: Update and co-construction of an interdisciplinary consensual definition. *Age and Ageing*, 51(2). <https://doi.org/10.1093/ageing/afab215>
- Miles, M., Huberman, M., & Saldaña, J. (2020). *Qualitative data analysis: A methods sourcebook* (4th ed.). Sage Publications Inc.
- Moore, L., Hallingberg, B., Wight, D., Turley, R., Segrott, J., Craig, P., Robling, M., Murphy, S., Simpson, S. A., & Moore, G. (2018). Exploratory studies to inform full-scale evaluations of complex public health interventions: The need for guidance. *Journal of Epidemiology and Community Health*, 72(10), 865–866. <https://doi.org/10.1136/jech-2017-210414>
- Mountain, G. A., & Craig, C. L. (2012). What should be in a self-management programme for people with early dementia? *Aging & Mental Health*, 16(5), 576–583. <https://doi.org/10.1080/13607863.2011.651430>
- Parsons, K., Smith-Young, J., & Pike, A. (2025). Understanding how community-dwelling persons with early dementia perceive health and community services: Informing the dementia strategy of Newfoundland and Labrador, Canada. *Dementia (Basel,*

- Switzerland), 24(1), 150–170. <https://doi.org/10.1177/14713012241284693>
- Quinn, C., Pickett, J. A., Litherland, R., Morris, R. G., Martyr, A., & Clare, L., & On behalf of the IDEAL programme team. (2022). Living well with dementia: What is possible and how to promote it. *International Journal of Geriatric Psychiatry*, 37(1), gps.5627. <https://doi.org/10.1002/gps.5627>
- Ramakrishnan, C., & Malhotra, C. (2025). Challenges to accessing community dementia care services: A qualitative study. *BMC Health Services Research*, 25(1), 747. <https://doi.org/10.1186/s12913-025-12895-3>
- Reilly, S. T., & Harding, A. J. E. (2025). Making outcome measures matter: Why should “what matters to people living with dementia” matter to dementia researchers? *Alzheimer's & Dementia*, 21(6), e70359. <https://doi.org/10.1002/alz.70359>
- Schwarzer, R., & Jerusalem, M. (1995). Generalized self-efficacy scale. In J. Weinman, S. Wright & M. Johnston (Eds), *Measures in health psychology: A user's portfolio. Causal and Control beliefs*. NFER-NELSON.
- Skivington, K., Matthews, L., Simpson, S. A., Craig, P., Baird, J., Blazeby, J. M., Boyd, K. A., Craig, N., French, D. P., McIntosh, E., Petticrew, M., Rycroft-Malone, J., White, M., & Moore, L. (2021). A new framework for developing and evaluating complex interventions: Update of medical research council guidance. *BMJ*, 374, n2061. <https://doi.org/10.1136/bmj.n2061>
- Smith, S. C., Lamping, D. L., Banerjee, S., Harwood, R. H., Foley, B., Smith, P., Cook, J. C., Murray, J., Prince, M., Levin, E., Mann, A., & Knapp, M. (2007). Development of a new measure of health-related quality of life for people with dementia: DEMQOL. *Psychological Medicine*, 37(05), 737. <https://doi.org/10.1017/S0033291706009469>
- Smith, S. K., Wolverson, E. L., & Mountain, G. A. (2022). What is intended by the term “participation” and what does it mean to people living with dementia? A conceptual overview and directions for future research. *Frontiers in Rehabilitation Sciences*, 3, 952722. <https://doi.org/10.3389/fresc.2022.952722>
- Sturge, J., Nordin, S., Sussana Patil, D., Jones, A., Légaré, F., Elf, M., & Meijering, L. (2021). Features of the social and built environment that contribute to the well-being of people with dementia who live at home: A scoping review. *Health & Place*, 67, 102483. <https://doi.org/10.1016/j.healthplace.2020.102483>
- Testad, I., Kajander, M., Gjestsén, M. T., & Dalen, I. (2020). Health promotion intervention for people with early-stage dementia: A quasi-experimental study. *Brain and Behavior*, 10(12), e01888. <https://doi.org/10.1002/brb3.1888>
- World Health Organization. (2021). *Towards a dementia-inclusive society. WHO toolkit for dementia-friendly initiatives (DFIs)*. <https://iris.who.int/items/ba22a2ee-d534-4970-8a32-9082115d900f>
- Xanthopoulou, P., & McCabe, R. (2019). Subjective experiences of cognitive decline and receiving a diagnosis of dementia: Qualitative interviews with people recently diagnosed in memory clinics in the UK. *BMJ Open*, 9(8), e026071. <https://doi.org/10.1136/bmjopen-2018-026071>
- Zarit, S. H., Reeve, K. E., & Bach-Peterson, J. (1980). Relatives of the impaired elderly: Correlates of feelings of burden. *The Gerontologist*, 20(6), 649–655. <https://doi.org/10.1093/geront/20.6.649>
- Zhang, H., Underwood, B. R., London, S., Zhao, H., Yu, J., Feng, D., & Chen, S. (2025). Discontinuity of social support among US adults with cognitive impairment before and after the confirmed diagnosis of dementia: A matched ambidirectional cohort study. *BMC Medicine*, 23(1), 428. <https://doi.org/10.1186/s12916-025-04264-y>
- Ziebuhr, B., Zanasi, M., Bueno Aguado, Y., Losada Durán, R., Denning, T., Tournier, I., Niedderer, K., Diaz, A., Druschke, D., Almeida, R., & Holthoff-Detto, V. (2023). Living well with dementia: Feeling empowered through interaction with their social environment. *International Journal of Environmental Research and Public Health*, 20(12), 6080. <https://doi.org/10.3390/ijerph20126080>

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