## **Patient Preference and Adherence**

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STUDY PROTOCOL

Effectiveness and cost-effectiveness of a multicomponent intervention to improve medication adherence in people with depressive disorders – MAPDep: a study protocol for a cluster randomized controlled trial

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Tasmania del Pino-Sedeño,<sup>1,2</sup> Wenceslao Peñate,<sup>1</sup> Carlos de las Cuevas,<sup>3</sup> Cristina Valcarcel-Nazco,<sup>2,4</sup> Ascensión Fumero,<sup>1</sup> Pedro Guillermo Serrano-Pérez,<sup>5,6</sup> Francisco Javier Acosta Artiles,<sup>7</sup> Vanesa Ramos García,<sup>4</sup> Beatriz León Salas,<sup>4</sup> Daniel Bejarano-Quisoboni,<sup>8</sup> María M Trujillo-Martín<sup>2,4</sup>

Department of Clinical Psychology, Psychobiology and Methodology, University of La Laguna, San Cristóbal de La Laguna, Canary Islands, Spain; <sup>2</sup>Health Services Research on Chronic Patients Network (REDISSEC), Madrid, Spain; <sup>3</sup>Department of Internal Medicine, Dermatology and Psychiatry, University of La Laguna, San Cristóbal de La Laguna, Canary Islands, Spain; 4Canary Islands Foundation of Health Research (FUNCANIS), San Cristóbal de La Laguna, Canary Islands, Spain; 5Department of Psychiatry, Hospital Universitari Vall d' Hebron, Catalonia, Spain; <sup>6</sup>Department of Psychiatry and Legal Medicine, Universitat Autònoma de Barcelona, Catalonia, Spain; <sup>7</sup>Service of Mental Health, General Health Care Programs Direction, Canary Health Service, Las Palmas de Gran Canaria, Canary Islands, Spain; 8Center for Public Health Research (CSISP-FISABIO), Valencia, Spain

Correspondence: Carlos de las Cuevas Departamento de Medicina Interna, Dermatología y Psiquiatría, Universidad de La Laguna, Campus de Ofra, 38071 San Cristóbal de La Laguna, Canary Islands, Spain Tel +34 609 521 405 Email cdelascuevas@gmail.com



**Purpose:** Depression is a widespread mental disorder which can be treated effectively. However, low adherence to antidepressants is very common. The study of medication adherence in depression (MAPDep study) assesses the effectiveness and cost-effectiveness of a multicomponent strategy to enhance adherence toward medications in patients with depression.

**Intervention:** The intervention is a multicomponent one consisting of an educational program for psychiatrists and/or a collaborative care program for patients and relatives, plus a reminder system that works through the use of an already available high-quality medication reminder application.

**Study design:** MAPDep study is an open, multicenter, four-arm cluster randomized controlled trial. The clusters are mental health units where psychiatrists are invited to participate. The clusters are randomly allocated to one of the three interventions or to usual care (control arm). Patients (18–65 years of age) diagnosed with depressive disorder, those taking antidepressant medication for an existing diagnosis of depression, and mobile phone users are selected. In group 1, only patients and relatives receive intervention; in group 2, only psychiatrists receive intervention; and in group 3, patients/relatives and psychiatrists receive intervention. The primary outcome is adherence to the antidepressant drug. The calculated sample size is 400 patients. To examine changes across time, generalized linear mixed model with repeated measures will be used. A cost-effectiveness analysis will be conducted. The effectiveness measure is quality-adjusted life years. Deterministic sensitivity analyses are planned.

**Conclusion:** MAPDep study aims to assess a multicomponent strategy to improve adherence toward medications in patients with depression, based not only on clinical effectiveness but also on cost-effectiveness. This methodology will enhance the transferability of the expected results beyond mental health services (patients and psychiatrists) to health care policy decision making. **Clinical trial identifier:** NCT03668457.

**Keywords:** depression, medication adherence, education, behavior modification, mobile phone technology, cost-effectiveness

# Introduction

Depression is a common mental disorder. Globally, more than 300 million people of all ages suffer from depression.<sup>1–3</sup> It is expected that by 2030, depression will be the leading cause of disease burden globally.<sup>4</sup>

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Depression is often a chronic and/or recurrent disorder with consequences over the entire life span.<sup>7</sup> At least half of those who recover from a first episode of depression will experience additional episodes, and approximately 80% of those with a history of two episodes will have another recurrence.<sup>8</sup> Depression may become a serious health condition and is the leading cause of suicide. Approximately 800,000 people commit suicide each year due to depression.<sup>9</sup>

Despite that there are effective pharmacological treatments for depression, nonadherence to appropriately prescribed medications compromises the effectiveness of available treatments and interferes with recovery.<sup>10,11</sup> Although the rates of early adherence to antidepressant medication have been estimated ranging from 72% to 78%,<sup>12</sup> approximately 50% of patients prematurely discontinue antidepressant therapy.<sup>13-16</sup> Despite the fact that 49%-84% of the patients with depression perceive the need for antidepressant treatment,17 one-third of patients stop medication within 6 weeks, and up to 55%, at 10-12 weeks.<sup>18</sup> Moreover, the degree of nonadherence may vary according to the severity of the disease and the evolutionary moment. Adherence is greater in patients with more severe symptoms.<sup>19</sup> In the maintenance phase of treatment, clinical improvement and previously acceptable adverse effects, such as sexual dysfunction, may reduce adherence. Precisely, reduced perceived effectiveness and increased perceived adverse effects are related to higher nonadherence rates.<sup>17</sup>

Nonadherence to antidepressants has an impact on health care utilization and charges. Nonadherence is associated with relapse and recurrence, emergency department visits, and higher hospitalization rates.<sup>20</sup> Therefore, there is a need for effective and cost-effective interventions to improve adherence.

There are many approaches to address adherence issues in patients with depression, such as collaborative care,<sup>21–33</sup> counseling,<sup>34,35</sup> cognitive-behavioral approaches,<sup>36–43</sup> psycho-education,<sup>37,44–48</sup> support,<sup>34,35,49–54</sup> coaching,<sup>55,56</sup> and shared decision-making skills training.<sup>57,58</sup> However, these approaches are only effective to improve short-term adherence but insufficient to appreciate long-term effect.

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Multifaceted interventions directed to the patient and physician are comparatively more effective in improving medication adherence than interventions with a single component (such as information or education).<sup>59-61</sup> Intervention programs should attend to patients' specific health beliefs and attitudes concerning their condition and antidepressant treatment,62 and patients' perception of control over health (psychological reactance and health locus of control).<sup>10,11</sup> It appears useful and important that mental health professionals improve communication and negotiation skills to overcome communication barriers with patients: doctors' interventions which can cause nonadherence and hostile attitudes in the patients toward changes.<sup>63,64</sup> Moreover, the complexity of adherence phenomenon requires multifaceted interventions that can be reinforced by the use of information and communication technology.<sup>65-68</sup> In this sense, health applications (apps), including medication reminder apps, are becoming more and more popular and are promising tools to improve medication adherence and decrease the costs of traditional interventions on adherence.69-72

There is a need for cost-effective alternative strategies involving patients, relatives, and physicians that improve short- and long-term adherence to depression treatment. With this purpose, the Adherence Improvement in Patients with Depression study (Mejora de la Adherencia en Pacientes con Depresión, MAPDep) is designed. The purpose of MAP-Dep is to assess the effectiveness and cost-effectiveness of a multicomponent strategy to enhance adherence toward medications in patients with depression.

# **Methods** Trial design

MAPDep study is an open, multicenter, four-arm cluster randomized controlled trial comparing three interventions and usual care (control arm). In group 1, only patients and relatives receive intervention; in group 2, only psychiatrists receive intervention; and in group 3, patients and psychiatrists receive intervention. In the control group, patients/ relatives and psychiatrists receive the usual care provided by the Canary Islands Health Service (Figure 1).

## **Subjects**

#### Mental health professionals

The unit of recruitment for psychiatrists is the Community Mental Health Unit (CMHU). Psychiatrists working in the selected CMHUs who volunteer to participate in the study and have the intention to stay in their CMHU during the follow-up period will be included after signing informed consent.



Figure I Flowchart of MAPDep study procedures.

Notes: \*Patients: Demographic data, history of depression, depression health status, DAI-10, MHLC-C, HPRS, CPS, BMQ, adherence, BDI-II, HADS, SF-12, EQ-5D-5L; healthcare utilization and productivity losses (collected information will cover the six-month period prior to the study). Psychiatrists: Demographic data, years in practice, professional profile, PPOS and LATCon II.

Abbreviations: BDI-II, Beck Depression Inventory-II; BMQ, Beliefs about Medicines Questionnaire; CMHU, Community Mental Health Unit; CPS, Control Preferences Scale; DAI-10, Drug Attitude Inventory – 10 Items; EQ-5D-5L, EuroQoI-5D-5L; HADS, Hospital Anxiety and Depression Scale; HPRS, Hong Psychological Reactance Scale; LATCon II, Leeds Attitude Towards Concordance II Scale; MHLC-C, Multidimensional Health Locus of Control, Form C; PPOS, Patient-Practitioner Orientation Scale; SF-12, Short Form-12.

#### Patients

Inclusion criteria are as follows: (1) patients diagnosed with depressive disorder (major depressive disorder and/or dysthymia) according to the criteria of *Diagnostic and Statistical Manual of Mental Disorders*, Fourth Edition, taking antidepressant medication for an existing diagnosis of depression and (2) aged 18–65 years; (3) mobile phone users; (4) patients who have visited their CMHU at least once in the last 6 months; and (5) consent to participate in the study. Exclusion criteria are as follows: (1) patients with bipolar disorder and/or any psychotic disorder; (2) insufficient Spanish language skills; (3) pregnancy; and (4) participation in another experimental study.

# Setting and recruitment

The setting is urban or rural CMHUs located on Tenerife (Canary Islands, Spain). From the total pool of CMHUs, eight will be randomly selected using computer-generated randomization numbers. We will have an initial contact with psychiatrists working on each selected CMHU by e-mail or telephone to give a brief explanation of the objectives of the study and to request their collaboration. A more detailed explanation of the study (objective, time frame and tasks, expected resources utilization, and funding) will be subsequently provided in a 60- to 80-minute face-to-face or virtual meeting. To minimize information bias and selection bias, all included psychiatrists will complete both an informed consent form and the baseline questionnaire, and then they will consecutively invite patients meeting selection criteria to participate before CMHUs randomization. Accepting patients will sign an informed consent form and will complete the baseline questionnaires in their first visit.

# Random assignment

We will perform allocation by clusters – with the CMHUs as the randomization unit. After professionals and patients are selected, an investigator blinded to CMHUs identity will randomly assign participants to interventions or control group.

# Blinding

Participating psychiatrists and patients from each selected CMHU will be blind to intervention assignment (groups 1–4) until the last patient is recruited. Psychiatrists and patients cannot be blinded after assignment to interventions or control group. The investigator responsible for data analysis will be blinded to the intervention assignment.

# Interventions

The study will evaluate the effectiveness and costeffectiveness of interventions for psychiatrists and/or patients and relatives (Figure 1). These interventions are compared with a control group receiving usual care.

#### Intervention for patients

Groups 1 and 3 receive an intervention combining the following components: 1) a collaborative care management intervention and 2) the use of an already available highquality medication reminder app.

#### Collaborative care management intervention

This intervention has been designed in accordance with the Chronic Care Model,<sup>73</sup> including depression education, medication management, and behavioral activation.

Patients will receive a set of 6–12 contacts with researchers along a period of no more than 3 months. Patient and relative, if accompanied, will receive the initial face-to-face contact that will last 30–40 minutes. Subsequent telephone sessions with patient will last 15–20 minutes.

#### Depression education

Its goal is to provide adequate information about depression and antidepressant treatment.

#### Medication management

Its goal is to support appropriate antidepressant use and reinforce information from the psychiatrists by: 1) assessing

patients' attitudes toward pharmacological treatment of depression, medication-taking behaviors, and symptoms and emotional outcomes; 2) providing education concerning the appropriate use of antidepressants; 3) negotiating shared decisions about the use of antidepressants; and 4) promoting patients' perception of control over health.

#### Behavioral activation

This is a brief structured intervention that aims to help people interrupt patterns of avoidance that maintain depression and increase engagement in adaptive activities. It is focused on developing a plan to reestablish daily activities and increase the number of both pleasant activities and positive interactions with their environment.

#### Supervision

Mental health specialists – psychiatrists and psychological therapists – supervise the researches. Supervisors help and support researchers to review the patient's progress and the team's plan for the patient.

#### Medication reminder mobile app

In the first session, participants will be informed about the use of a medication reminder mobile app. Participants will download the app and enter their prescription data (medication, time of administration, and dose). Participants will be required to use the medication reminder app along the 12-month follow-up.

#### Intervention for psychiatrists

Participating psychiatrists of groups 2 and 3 receive an educational group program of 4-hour duration consisting in two interactive sessions, 1 month apart. Contents of the first session have been designed to develop skills to promote shared decision making and patient-centered care and to improve communication and negotiation abilities. To deliver this intervention, a set of short video films with role-playing exercises representing different types of complex sham patients will be used.

Contents of the second session have been designed to promote motivational interviewing methods and shared decision making in the context of the patient-centered care model. A mental health professional with expertise in patientcentered care methods and communication skills will lead these sessions.

#### Usual care

Patients will receive care from their psychiatrists according to usual activities provided by the Canary Islands Health

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Service, including antidepressant therapy and referral for other treatments. Psychiatrists will not have access to the educational group program.

# Outcome measures

#### Primary outcome

The primary end point is rate of adherence to the antidepressant drug at 6 months assessed using the Sidorkiewicz adherence instrument in Spanish.<sup>74,75</sup> This is a five-item instrument with two or three possible answers to assess different medication-taking behaviors for each individual drug taken by patients. The results generate adherence levels ranging from 1 (high drug adherence) to 6 (drug discontinuation). Adherence will also be measured at baseline, at 3 months, and at 12 months (Table 1).

#### Secondary outcomes

#### Beck Depression Inventory-II (BDI-II)

This is a 21-item self-report multiple-choice inventory used for measuring the severity of depression. Each item has a four-point (0–3) scale, and the score of scale ranges from 0 to  $63.^{76}$  Severity score ranges are as follows: 0–13 (minimal depression), 14–19 (mild depression), 20–28 (moderate depression), and 29–63 (severe depression). The BDI-II is a reliable and well-validated measure for screening depression symptoms in adults.<sup>76–78</sup> Depression will be measured at baseline, at 3 months, at 6 months, and at 12 months.

#### Table I Outcome measurements

Time	Outcome measurements
Patients	
ті	Demographic data, history of depression, depression
	health status
I. Instruments u	used for self-reported outcomes measures
ті	DAI-10, MHLC-C, HPRS, CPS, BMQ
TI, T2, T3, T4	Adherence, BDI-II, HADS
TI, T3, T4	SF-12, EQ-5D-5L
2. Health care u	tilization
ТІ, ТЗ, Т4	Visits to mental health services and primary care
	services, medication and doses, hospital admissions
	and length of stay, productivity losses <sup>a</sup>
Psychiatrists	
ті	Demographic data, years in practice, professional
	profile
ΤΙ, Τ4	PPOS, LATCon II

Notes: T1: baseline; T2: 3 months; T3: 6 months; T4: 12 months. <sup>1</sup>Information collected at baseline will cover the 6-month period prior to the study. Abbreviations: BDI-II, Beck Depression Inventory-II; BMQ, Beliefs about Medicines Questionnaire; CPS, Control Preferences Scale; DAI-10, Drug Attitude Inventory – I0 Items; EQ-5D-5L, EuroQoI-5D-5L; HADS, Hospital Anxiety and Depression Scale; HPRS, Hong Psychological Reactance Scale; LATCon II, Leeds Attitude Towards Concordance II Scale; MHLC-C, Multidimensional Health Locus of Control,

Form C; PPOS, Patient-Practitioner Orientation Scale; SF-12, Short Form-12.

#### Hospital Anxiety and Depression Scale (HADS)

This is a 14-item self-reporting screening scale that contains two seven-item Likert scales, one for anxiety and one for depression. Each item has a four-point (0-3) Likert scale, and the scores of both scales range from 0 to 21. Higher scores indicate greater anxiety and/or depression. HADS is scored by summing the ratings for the 14 items to yield a total score, and by summing the ratings for the seven items of each subscale to yield separate scores for anxiety and depression. HADS has been shown to be a valid and reliable measure.<sup>79,80</sup> HADS score will be measured at baseline, at 3 months, at 6 months, and at 12 months.

#### Short Form-12 (SF-12) health survey

This is a 12-item index designed to examine eight health domains to assess quality of life (physical functioning, role physical, bodily pain, general health, vitality, social functioning, role emotional, and mental health). Two summary subscales may be derived from the SF-12, including a mental health summary and a physical health summary. Higher scores represent better health status.<sup>81</sup> SF-12 is a reliable and well-validated instrument.<sup>82</sup> SF-12 will be administered at baseline, at 6 months, and at 12 months.

#### EuroQol-5D-5L (EQ-5D-5L)

This is a measure of health-related quality of life (HRQoL) comprising five dimensions: mobility, self-care, usual activities, pain/discomfort, and anxiety/depression. Each dimension is graded on five levels (no problems, slight problems, moderate problems, severe problems, and extreme problems).<sup>83</sup> HRQoL will be measured at baseline, at 6 months, and at 12 months.

#### Patient-Practitioner Orientation Scale (PPOS)

This is an 18-item reliable and validated self-administered tool that assesses patient-centeredness in both health care professionals and patients. Each item is rated on a six-point Likert scale (1–6).<sup>84,85</sup> PPOS will be used to assess health care professionals' attitudes. The cutoffs used to classify professionals according to their patient-centeredness score are: low ( $\leq$ 4.57), medium (>4.57 and <5), or high ( $\geq$ 5).<sup>85</sup> PPOS questionnaire will be administered at baseline and at 12 months.

Leeds Attitude Towards Concordance II Scale (LATCon II) This is a 20-item scale for measuring health care professionals' attitudes toward concordance in medicine taking. Each item is rated on a six-point Likert scale (0–3). Scores on the LATCon II range from 0 to 60, with higher scores representing more positive attitude toward concordance.<sup>86,87</sup> LATCon II will be administered at baseline and at 12 months.

#### Health care utilization and productivity losses

Costs will be assessed from the health care services perspective, and the costs derived from the development and use of all components for each intervention assessed (sessions, app, etc.) will be included. Information about prescribed medication and doses, contacts with mental health and primary care providers, hospital admissions and duration of stay, and productivity losses will be obtained from a self-administered questionnaire and the electronic clinical record. Collected information will cover the 6-month period prior to the study. Health care utilization and indirect costs will be measured at baseline, at 6 months, and at 12 months.

## Additional measures

Sociodemographic and clinical data will be collected at baseline from the patients and the psychiatrists. Professionals will be asked about their age, sex, and professional profile, while patients will be asked about their type of depression, number of prior episodes and the duration of the current episode, sex, age, education level, occupation, marital status, and family living status (alone or accompanied). The prescription date, the quantity of prescribed medication, the dispensation date, and the quantity of dispensed medication will be downloaded from the electronic clinical record.

In addition, the following measures will be collected at baseline from the patients.

#### Drug Attitude Inventory – 10 Items (DAI-10)

DAI-10, a 10-item self-report scale, assesses psychiatric patients' attitudes toward their psychopharmacological medications. Response options are true/false, and each response is scored as +1 if correct or -1 if incorrect. The score of the scale ranges from -10 to -10, with positive scores indicating positive attitudes and negative scores indicating negative attitudes toward medication.<sup>88,89</sup>

# Multidimensional Health Locus of Control, Form C (MHLC-C)

MHLC-C is an 18-item self-report scale composed of one scale on internal locus of control (six items), and three scales on external locus of control: Chance (six items), Doctors (three items), and Others (three items); these scales assess patients' belief in their ability to control health. Patients are asked to rate, on a six-point Likert scale, the degree to which they agree or disagree with each statement. Higher scores on each subscale indicate a stronger belief in that kind of control.  $^{90,91}$ 

#### Hong Psychological Reactance Scale (HPRS)

HPRS is a 14-item self-report questionnaire to assess individual differences in reactance proneness, that is, individuals' trait propensity to experience psychological reactance. Participants indicate the extent to which they endorsed each statement on a five-point Likert scale ranging from 1 (strongly disagree) to 5 (strongly agree).<sup>92,93</sup>

#### Control Preferences Scale (CPS)

CPS consists of five cards that illustrate different roles in decision making using a statement and a cartoon. Patients have to choose between the cards, observing them one at a time, to establish an order of preference that ranges from a completely active role to a more passive style (from 0 to 5; the higher the score, the more passive the style). There are six response categories: active–active, active–collaborative, collaborative–active, collaborative– passive, passive–collaborative, and passive–passive. The responses can be further collapsed into the following three categories of role responses: active (active–active or active–collaborative), collaborative (collaborative–active or collaborative), and passive (passive–collaborative or passive).<sup>94,95</sup>

#### Beliefs about Medicines Questionnaire (BMQ)

BMQ is an 18-item questionnaire that contains a specific and a general scale. The BMQ-Specific scale is subdivided into two subscales (Concern and Necessity) that assess representations of medication prescribed for personal use. The BMQ-General scale is subdivided into two subscales (Overuse and Harm) that assess beliefs about medicines in general. Patients are asked to rate, on a five-point Likert scale ranging from 1 (strongly disagree) to 5 (strongly agree), the degree of agreement with each statement.<sup>96,97</sup>

# Statistical methods

To analyze changes in outcomes over time for the intervention and control groups, generalized linear mixed models with repeated measures will be used. Intervention groups will be treated as a "factor within". For multiple comparisons, Bonferroni adjustment will be used. In order to incorporate cluster effects across three levels (patients, psychiatrist, and CMHU), a multilevel model approach will be implemented.

A structural equation model will be applied to assess the relationships among sociodemographic and clinical

characteristics of patients, interventions, and results in the emotional variables and adherence.

Both per-protocol and intention-to-treat analyses will be performed. Missing data will be classified into the following categories: mistakenly randomized; did not receive allocated intervention; withdrew consent; did not adhere to the protocol; dropped out, crossed-over; or lost to follow-up.<sup>98</sup>

### Economic evaluation

Cost-effectiveness analysis of group 3 (multicomponent intervention) vs the control group (usual care) will be undertaken. The cost-effectiveness measure will be the incremental cost per quality-adjusted life year (QALY) gained. QALYs will be measured by the EQ-5D-5L questionnaire, which will be collected for each individual patient. The analyses will take the perspective of the National Health Service and personal social services; therefore, direct and indirect costs will be included. The direct costs per patient will be calculated based on the use of health care resource utilization, and the indirect costs will be estimated focusing on productivity losses due to the disorder applying the human capital approach. Results will be summarized as the incremental cost-effectiveness ratio (ICER). ICER is the ratio of the differences in costs to the differences in effects observed.

Nonparametric bootstrap methods for calculating confidence regions for the ICERs will be used. The bootstrap replications will also be performed to construct a cost-effectiveness acceptability curve, which will reveal the probability that an intervention is cost-effective compared with the alternative for different values of willingness to pay for certain future QALY gains. We will also subject the results to one-, two-, and multi-way deterministic sensitivity analysis. All analyses will be in line with accepted economic evaluation methods.<sup>99</sup>

The willingness-to-pay threshold is defined at Euro 25,000/QALY on the basis of the values reported in the latest Spanish literature.<sup>100</sup>

## Sample size

For detecting a difference of at least 20 points in the rate of adherence of patients to the drug assessed by use of the Sidorkiewicz adherence instrument at 6 months, assuming an alpha of 0.05 (two-tailed) with 80% power and an intracluster correlation coefficient of 0.01 (IQR 0–0.04) based on literature data, the estimated number of patients required per arm is 91 (total in the study =364 patients). Assuming losses of 10% at 6 months, a total sample of 400 patients is estimated.

#### Ethics

The Scientific and Ethics Committees of both the University Hospital of the Nuestra Señora de Candelaria and the University Hospital of Canary Islands have approved the study protocol.

The trial will be conducted in accordance with the latest version of the Declaration of Helsinki and the Organic Law 15/1999, of 13 December, on the Protection of Personal Data (LOPD). We will obtain informed consent from all participants of the study.

## Trial status

This trial is not yet recruiting.

# Discussion

The MAPDep study is a cluster randomized controlled trial involving actors who play a role in decision making in depression management in specialized mental health care (patients, relatives, and psychiatrists). The effectiveness and costeffectiveness of three interventions promoting collaborative care, patient-centered care, and shared decision making with the aim of improving adherence to antidepressants among patients with depression against usual care will be assessed.

MAPDep offer tools for depressive patients and mental health professionals to establish an appropriate engagement with medication. These interventions could therefore help to decrease the risks of disease relapse or recurrence and soften the impact of depression on health care utilization and costs.

# Limitations

This study is not free from limitations. Firstly, MAPDep interventions can be blinded neither to patients nor to psychiatrists. However, mental health professionals will be blind to intervention assignment until the last patient is recruited to warrant patients' and professionals' cooperation.

Secondly, MAPDep intervention for psychiatrists has been developed to stimulate its uniform implementation through training psychiatrists to develop skills to promote shared decision making and patient-centered care and to improve communication and negotiation abilities. However, psychiatrists may differ in their motivation to include these resources in daily practice and the way in which motivation influences their intervention engagement. On the other hand, this variability can be observed in daily patient care and thereby enhance the external validity. Another limitation is that, despite the information about the use of a medication reminder mobile app, misuse and nonuse of the app may occur. To prevent nonuse, one session will be conducted in a face-to-face manner. Finally, there are concerns about the validity of self-report measures due to their vulnerability to memory biases and social desirability that tend to overestimate adherence behavior compared with other assessment methods.<sup>101</sup> However, self-reporting is the most simple and inexpensive method of measuring adherence which can feasibly be used in clinical settings.<sup>102</sup>

Despite all these limitations, few previous studies have assessed not only the effectiveness but also the cost-effectiveness of multicomponent interventions for all actors involved in decision making in depression management in specialized mental health care through a randomized controlled design.

# Conclusion

Depression affects million people around globe, and numerous studies have consistently shown lower adherence toward medications is associated with poor recovery among patients with depression and higher treatment costs per patient. Therefore, it is important to enhance medication adherence to improve patient health and soften the impact of depression on health care utilization and costs. The MAPDep study will show whether a multicomponent strategy to promote collaborative care, patientcentered care, and shared decision making in the management of patients with depression is effective and cost-effective.

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# **Author contributions**

All authors contributed to the design of the study. In addition, all authors contributed toward drafting and critically revising the paper, gave final approval of the version to be published and agree to be accountable for all aspects of the work.

# Disclosure

The authors have no conflict of interest in the subject matter or materials discussed in the manuscript.

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