

FP7-287811

MobiGuide

Guiding Patients Anytime Everywhere

Collaborative projects - Large-scale integrating project (IP)

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Dissemination Level		
PU	Public	X
PP	Restricted to other programme participants (including the Commission Services)	
RE	Restricted to a group specified by the consortium (including the Commission Services)	
CO	Confidential, only for members of the consortium (including the Commission Services)	

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1. Versions history

Version	Date	Author	Comments
0.1	16/10/2015	Rosana Valle	Section 4,5,6
1.0	21/10/2015	Belen Gallego	Final refinement and addition of the table of pilots in Y4

2. Executive Summary

The training activities started in M13 with the main objective of providing training materials, and support to the target groups within the MobiGuide project. This deliverable is a simple and easy-to read summary of all the activities performed in training along the whole project lifetime. During these years, the MobiGuide training plan was prepared and the audience was identified. MobiGuide user manuals for patients, caregivers and installation instructions, as well as FAQ, bug procedure for reporting possible software errors in the application and a troubleshooting manual were prepared and distributed. The training materials that have been produced and the procedure designed were used along the pre-pilot phase and the pilot studies performed in Spain and Italy.

3. Introduction

D12.4, Training final report is the final deliverable of WP12. This deliverable covers all the training activities performed along the lifetime of the project. As described in the MobiGuide DoW, initially it was conceived as a part of the last periodic report and not as an independent document.

This document includes the following sections:

- Section 4 presents the Y2 training activities
- Section 5 presents the Y3 training activities
- Section 6 presents the Y4 training activities
- Section 7 presents final conclusions.

4. Training Activities Y2

During this year, the training activities have started and were focused on the development of a training plan that lays out the roadmap to perform technical training and education activities for MobiGuide target groups.

As a result, the **D12.1 Training Plan** was submitted at M20.

This training plan defines the operational goals of the training, the audience, the content, the course materials, the facilities needed and the recommended training schedule.

The Audience identified was divided in three groups: patients, caregivers and technicians.

- Patients and their families:
 - Chronic patients with atrial fibrillation
 - Pregnant women with gestational diabetes and potentially also hypertensive disorders
- Formal caregivers:
 - Specialists: Physicians specializing in atrial fibrillation and gestational diabetes and hypertension in pregnancy: cardiologists and endocrinologists.
 - Non-specialists: Other formal caregivers (Nurses and dietitians)
- Technicians
 - System support personnel

5. Training Activities Y3

During this year, training activities and materials have been prepared to ensure a positive experience for all its target groups identified on previous section.

The results have been summarized in **D12.2 v1 Training Materials** which includes:

- A brief explanation about the project and the role of the caregiver in it,
- The user manuals of the MobiGuide applications for the patients and caregivers for both domains (GDM and AF)
- Frequently Asked Questions were prepared and added to the MobiGuide website, PowerPoint presentations and videos
- MobiGuide Flyer, translated into Spanish, Catalan, and Italian.

6. Training Activities Y4

Along this last year, several activities have been performed in order to train the target groups for the pre-pilot and pilot phases.

In the first submission of deliverable D12.2 some information related to training aspects as AF manual and a guideline for technicians was not included, since the MobiGuide system was still at a development phase. Hence, an update of the deliverable **D12.2 Training Materials v2 (M38)** was submitted with new training materials and modifications as stated below:

- An update of the GDM user manuals including new functionalities.
- Addition of a new section including installation guidelines for smartphone and caregiver application.
- Addition of two manuals (patient and caregiver) for AF domain.
- Addition of a new section related to user support which included FAQ, bug-reporting procedures and troubleshooting manual

As a result the deliverable **D12.3 Training mid-term** report has been submitted focused on the training materials and procedures used in the pilot studies deployed in The Endocrinology and Nutrition Department, Parc Taulí Sabadell Hospital Universitari (Spain) and The Cardiology Division of IRCCS Fondazione Salvatore Maugeri (Italy). Those studies validate the applicability and clinical value of the MobiGuide solution in both domains - gestational diabetes and atrial fibrillation.

This deliverable reports all the material specifically developed to fully support the pilot studies. This includes some new presentations, videos, leaflets and manuals commonly defined among MobiGuide Consortium, based on the research results and the experiences of the partners according to the user needs.

Additionally, this deliverable includes a manual for technicians that were prepared for the pre-pilot, with all component installations and their parameter setting as well as technical requirements needed in order to install those components.

Finally, **D12.4 Training final report**, which is included in the project's general final report and presents a summary of all the training activities, performed along the lifetime of the project within WP12.

Both AF and GDM pilots have been performed in two phases; a pre-pilot before the real pilot starts with healthy volunteers; and a pilot with patients. The pre-pilots started on March 1st 2015 at FSM and on May 2015 at CSPT and will be running at least until one month before the end of the project.

- **MobiGuide AF Pilot:** The pre-pilot involved nine volunteers: six subjects from UNIPV and three from FSM and in particular: one IT staff subject, the physician and the nurse.

AF pilot study involved 10 patients. The enrolment started in April, and patients used the system for 3-7 months, depending on the enrolment date. Home monitoring consisted of daily recording of ECG sessions, whose duration depended on the patient's conditions, and on reporting measurements of blood pressure, weight, INR, etc., whose frequency again depended on the patient's state.

- **MobiGuide GDM pilot study** went on from the inclusion visit to the baby's delivery day. The visits included the re-assessment of the glucose control, ketonuria evaluation, weight evolution and, when the clinician considered that it was highly probable that the delivery would occur in a week period, the quality of life and system performance questionnaires would be answered by the patient. The pilot lasted around 6-7 months.

The following table shows the data of the evaluation period:

Pilot	N° patients	Start	End	Months	Min time/patient	Max time/patient	Average
AF Pilot	10	09/04/2015	still ongoing	7	3 months	7 months	3 months
GDM Pilot	19	05/05/2015	still ongoing	6	19 days	91 days	49,4 days

7. Conclusions

This document reflects all the training activities and materials produced along the lifetime of the project.

The training of end users played an outstanding role in the MobiGuide pre-pilot and pilot operations. It contributed to the better understanding of the system and its use, and even served to gather information on user perspectives for the further development of the platform and services. The training process, in some occasions, highlighted technical problems and ways of solving them, and even made suggestions for improvements arise. And some constructive informal comments on the format, content, effectiveness and duration of the training were also received.