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MobiGuide

Guiding Patients Anytime Everywhere

Collaborative projects - Large-scale integrating project (IP)

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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. Executive Summary

This deliverable (MobiGuide D10.2.3: Dissemination Plan Report – Part 3) reports on the work of Task 10.1 Dissemination, namely execution of the strategic dissemination plan for the project. It addresses responses to the remarks of the reviewers at the Y2 review and reports on the dissemination actions conducted during Y3 (November 1st 2013-October 31st 2014).

Section 2 states the **objectives and scope** of the report and the Tasks and Deliverables of Task 10.1 and summarises the Dissemination **Strategy**.

Section 3.1 presents the **Dissemination Plan** as defined in Year 1 and extended in Y2 and reports on activities relating to the additional dissemination actions. Briefly, these include the following actions: Patient Focus Groups have been set up and a Patient Focus Group Kit including instructions for facilitators, presentations for patients, publicity and consent forms was developed. Two focus groups meetings were held in Spain with GDM and diabetic patients. A smartphone demo “Virtual Tour” has been developed and has been shown to four groups of patients at hospitals in Spain. A general FAQ and condition-specific FAQs (GDM, AF) have been added to the website. Parts of the website of especial interest to patients have been translated into Spanish, Italian and Catalan. The mailing list has been maintained and used to disseminate news and publications.

Section 3.2 details the **responses made in light of the remarks of the reviewers** at the Y2 review relevant to T10.1. In response to reviewers’ remarks a message and links to the MobiGuide website and to the ADC's Partner In Focus article were posted to European Patients' Academy on Therapeutic Innovation (EUPATI) Facebook page, also to the International Alliance of Patients' Organizations Facebook page and to the European Patients’ Forum Facebook page. These organisations were also added to the contact list. Outreach to patients continued by means of patient focus groups and Smartphone demos (the MobiGuide “Virtual Tour”) as already mentioned. Feedback from patients was presented at consortium meetings and is passed on to the training work package WP12 via WA4. Scrutiny of dissemination materials by ADC continues to ensure that the patient viewpoint is taken into account.

Section 3.3 reports on Dissemination targets for Y3. Continuation of Y1 and Y2 dissemination activities has gone ahead as planned and organisation of the Y4 MobiGuide event (international workshop) is in process.

Section 4 tabulates all the **dissemination activities in Y3** as reported by the partners. These are summarized below.

Scientific Publications: there were 16 MobiGuide publications (published or accepted for publication) in Y3, plus another one in review. The breakdown is shown in the table below.

Scientific Publications Y3	Accepted	Published	Submitted	Total (Accepted or Published)	Total (Accepted, Published or Submitted)
Journal Abstract		1		1	1
Journal paper		2	1	2	3
International conference paper	2	8		10	10
International workshop paper	1	2		3	3
Total	3	13	1	16	17

A comparison of scientific publications across the three project years (please see table below) shows that the increase in scientific publications from Y1 to Y2 has more or less held in Y3; although the total (accepted or published) fell from 20 in Y2 to 16 in Y3 there is some trend in the direction of journal articles and international conference papers instead of posters and workshop papers, namely towards longer, more mature and higher impact scientific publications.

Scientific Publications	Y1 Accepted or Published	Y2 Accepted or Published	Y3 Accepted or Published
Journal Abstract			1
Journal Paper	0	2	2
Edited Special Issue or Volume	0	0	0
Book chapter	0	2	0
International conference paper	0	8	10
International workshop paper	0	5	3

National Conference paper	1	0	0
Other (letter to editor of medical journal)	0	1	0
National Workshop paper	0	0	0
Posters (conferences / workshops etc)	2	2	0
Total	3	20	16

Other main dissemination efforts in Y3, as shown in the table below, were 16 Oral Presentations, 4 demonstrations, 1 poster, participation in 4 other events and 2 workshops organized (one run in Y3, one in the planning stage for Y4). There were 10 instances of contact with stakeholders/KOLs, as well as liaison with 3 other European projects and 6 other dissemination actions. The many web and internet actions (including mobile) for example tweets, website news items and Facebook postings are not counted individually.

Other dissemination actions conducted in Y3	
Oral Presentations	16
Demonstrations	4
Posters	1
Participation in other events	4
Organisation of workshops	2
Contacts with stakeholders and KOL/expert groups	10
Liaison with EC and other European R&D projects	3
Other Dissemination actions	6
Web and internet actions (numerous)	

A major emphasis was placed on communication with patients, and also with their relatives, carers and friends. Scientific publications and dissemination at events reached different target audiences including the general public, academics, researchers, clinical practitioners and industry. Outreach to health professionals was also by means of seminars (e.g. one by HU and another by BGU at Tel Hashomer Hospital, Israel), via the medical informatics community, and through meetings with professionals (e.g. diabetics professionals at the ADC “annual journey”) and by addressing professional meetings (e.g. CSPT at a meeting of Endocrinologists).

Web/internet actions targeted the general public, professionals and patient organisations and fora. Dissemination via EU channels included a Europe.eu press release by EC Vice-President Neelie Kroes featuring MobiGuide, a Digital Agenda for Europe Blog and a post about MobiGuide on EU HEALTH IT SPACE. Multi-language support to engage patients and public was continued with addition of Catalan parts of the website alongside English, Spanish and Italian and production of printable and

electronic versions of publicity materials in Catalan. MobiGuide was the subject of two news articles in Israel, was referenced in a new publication from Standards group and in a news article in Forbes.

The Y3 dissemination actions are described in detail in Section 4 below.

Conclusions are found in Section 5. Annex A provides links to the **major dissemination products** of the project and Annexes B, C and D list the **MobiGuide publications** in Y1, Y2, and Y3 respectively.

The project website, <http://www.mobiguide-project.eu/>, has links to the most important and publically available (electronic and printable versions of) dissemination materials.

2. Introduction

2.1 Objectives and Scope

This section remains unchanged from D10.2.2 but is included for completeness.

The context of this report is the work of T10.1: Dissemination, whose objective is to inform and engage a wide audience concerning the objectives and results of MobiGuide by means of development and execution of a strategic dissemination programme.

The dissemination plan identifies the messages to be communicated, the target audiences and the communication tools to be used to reach those audiences.

In planning and conducting the dissemination activities we have worked according to the MobiGuide DoW [2] and the guidelines for communications published by INFOS ICT for Health [1].

This task does not address exploitation issues; they are managed under Task 10.2.

2.2 Dissemination Tasks and Deliverables

This section remains unchanged from D10.2.2 but is included for completeness.

T10.1: Dissemination is divided into the following sub-tasks:

- T10.1.1 Development of the Strategic Dissemination Plan
- T10.1.2 Branding and publicity
- T10.1.3. Development of a MobiGuide presentation and Website
- T10.1.4 Publications, Presentations and Demonstrations

and is responsible for the following deliverables:

- D10.1) Project website and press kit: [month 12] [Done]
- D10.2.1) Dissemination plan reports - part 1: [month 12] [Done]
- D10.2.2) Dissemination plan reports - part 2: [month 24] [Done]

- D10.2.3) Dissemination plan reports - part 3: [month 36] [This document]

In this issue of the deliverable (Part 3) we present in Section 3 the (extended) Dissemination Plan for the project. Section 4 reports on individual dissemination actions during Y3 of the project (execution of the strategic dissemination programme). Section 5 gives conclusions. Annex A contains links to the major dissemination products of Y1, Y2 and Y3. Annexes B, C and D list the MobiGuide publications for Y1, Y2 and Y3 respectively.

Section 2.3 below summarises the Dissemination Strategy as presented in D10.2.1.

2.3 Dissemination Strategy

This section remains unchanged from D10.2.2 but is included for completeness.

The goal of the dissemination effort is to produce a flow of information and publicity concerning the objectives and results of MobiGuide, the contributions made to European knowledge and scientific excellence, the value of this collaboration for Europe and the benefits of empowering EU citizens by provision of MobiGuide's Patient Guidance Services based on the Personal Health Record system.

The target audiences, and the most appropriate and effective means of communication with each, are identified. Communication between the project and the identified target audiences will not simply be one-way; the project will engage in dialogue with relevant stakeholder groups.

Information about the project will be available at all times via a range of dissemination channels. In addition information will be released at strategic points in the project (the project launch, specific events such as the MobiGuide international workshop in Year 4, and points at which significant project results and breakthroughs are made).

Publication targets are at least one conference/workshop paper per student working on the project per year per academic partner; and 6-12 journal papers in total from the whole consortium over the whole period of the project.

MobiGuide partners will engage industrial companies and healthcare content developers (e.g., professional medical societies that develop of clinical guidelines), policy makers, users, and patient organizations so that MobiGuide technology can be commercialized and sustained and new medical context can be developed to allow use of MobiGuide technology in other clinical domains.

MobiGuide will involve stakeholders including vendors and guideline developers in workshops/demos (e.g., at Medica, CeBit) to ensure sustainability of updated patient data and guideline knowledge; hopefully, some vendors could become sponsoring partners. Policy makers, health maintenance organizations (HMOs), and patient organizations will also be contacted by specific MobiGuide partners.

The consortium will make efforts to disseminate the results not only to professional communities but also to the general public in an attempt to increase the societal awareness about MobiGuide and the issues raised by the technology. The main tools used to reach non-specialised general audiences are press and media (local/national newspapers and radio and television). Press and media interest will be stimulated by issue of press releases. A standard project press kit will be designed and produced in electronic as well as print form. A press contact from the coordinating partner will be nominated to represent the project overall in handling the media and a national press contact will be appointed for each participating country.

The EC eHealth Communication Officer and the MobiGuide Project Officer will be kept informed of the Communications and Dissemination activities in due time (Press Releases, website launch, articles, etc.) to enable a proper relay of these activities within Europa, CORDIS, the eHealth newsletter, Healthtech Wire platform, etc. In addition, each partner country will, working within the project dissemination strategy, engage their regional and national media in order to inform, and stimulate a dialogue with, their citizens.

Early establishment of a public project identity, including development of a project logo and house style, utilizing professional standard graphic design, will ensure an attractive, professional and consistent presentation style. Quality of content and quality and coherence of presentation style will be a priority, paying attention to good communication practices as found in [1]. The project will adhere to the relevant clauses of the grant agreement pertaining to communications, such as correct display of the European emblem. The house style will be used project-wide by the partners in all international, national and regional publicity materials and electronic media.

A project website will be developed and kept updated with news, public deliverables, articles and material from participation at events (e.g., slides of presentations, keynote speeches, articles in journals and conference proceedings).

A PowerPoint presentation will also be developed outlining the goals of the project, the consortium and the clinical applications, and will be updated with project results and breakthroughs.

Where possible, in-house resources of the partners, such as press offices and multimedia, audio-video and graphic design services, are used. Useful external resources of the national contact points and the EU, such those accessible via the Research DG Information and Communication Unit, including thematic briefings and the media mailing list, and external services such as AlphaGalileo, ResearchTV and AScribe will be utilized to efficiently reach specific audiences.

The project will engage in Concertation Activities, namely interaction and collaboration with other projects and supported initiatives (such as Coordination Actions). Such collaborations will be by means of "clustering" activities such as workshops, think tanks and joint review meetings.

Conference papers and articles in scientific journals will be the main means to report MobiGuide aims and results to the academic and scientific communities. Presentations and demonstrations of the MobiGuide system will be organized for various national and international events including trade fairs, exhibitions and scientific conferences and workshops. An international workshop to stimulate dialogue with major professional stakeholders will be organized in conjunction with a leading European conference in medical informatics (e.g., AIME, MIE, Medinfo) towards the end of the project.

3. Dissemination Plan

This section includes the Y3 dissemination plan for the MobiGuide project in which is designed to present the project's objectives and achievements to a wide audience. The plan refers to the tools which will be utilized in order to present the efforts and results of the partners.

The MobiGuide project involved a large international consortium, and therefore the dissemination effort requires special attention. The plan refers to various tools and actions that will increase the awareness of the MobiGuide Project, the MobiGuide System and the other outputs of the project. The dissemination plan deals with the following set of points such that a broad perspective of the project can be provided:

- a. Project goals – defines how the target groups will most benefit from the project.
- b. Target groups – defines the group types and how are we going to present the project to the groups.
- c. Sources and medium – defines who will deliver the information and which medium that will be used.

In Section 3.1 we present the **Dissemination Plan** as defined in Year 1 and extended in Y2 and report on activities relating to the additional dissemination actions. Section 3.2 details the **responses made in light of the remarks of the reviewers** at the Y2 review relevant to T10.1. Section 3.3 lists the Dissemination targets for Y3.

3.1 Y3 Dissemination Plan

Section 3.1.1 summarises the original dissemination plan and Section 3.1.2 summarises the extensions to the plan made in D10.2.2 and reports progress on those actions.

3.1.1 Summary of Dissemination Plan

This section identifies relevant groups (the target audiences), by group type, distribution channels and dissemination materials (Table 1).

The group types are (i) General – the public who will not be users of the system, (ii) Customer – groups that will buy the system to provide to users or, (iii) Users – groups that will use the system.

Distribution channel refers to the method whereby information about the project and its outputs including the MobiGuide system will be presented and provided. The dissemination channels includes (i) academic channels such as conferences, workshops, articles, papers, etc. (ii) general channels such as mailing lists, presentations, personal contacts, etc.

Dissemination materials presents the options that will be used to present relevant information to different target groups and includes options such as leaflets, FAQ's, website and any special option tailored to a specific group. Table 1 is based on the corresponding table in D10.2.1. The updated table is augmented with the following columns:

- a. Basic group – derived from the corresponding table in D10.2.1.
- b. Update group - an updated definition of the groups.
- c. Group type: general (not using the system), users of the system, customers (in charge of implementing the system).
- d. Dissemination channels – the ways we will contact the groups.
- e. Dissemination materials – how we are going to contact the groups.

Table 1: Target audiences identified

Basic group	Update Group	Group type	Distribution channels	Dissemination materials
Public administration	Health public service	Customer	Workshops, personal contacts in the consortium	"Elevator speech", Leaflet, posters, newsletter, papers, public deliverables, FAQ, website
Public administration	Public Authorities	General	Workshops, personal contacts in the consortium	"Elevator speech", Leaflet, posters, newsletter, papers, public deliverables, FAQ, website
Professional communities	Hospitals (public / private)	Customer	Articles and papers in journals, conferences, workshops/symposia and scientific magazines	Lessons learned and research findings (deliverables), papers, FAQ, Website

Professional communities	Physicians KOLs	Customer	Personal contacts, mailing lists	Lessons learned and research findings (deliverables), papers, FAQ, Website
Professional communities	Physicians (experts)	Users	Articles and papers in journals, conferences, workshops/symposia and scientific magazines	Lessons learned and research findings (deliverables), papers, FAQ, Website
Professional communities	Physicians (GPs)	Users	Articles and papers in journals, conferences, workshops/symposia and scientific magazines	Lessons learned and research findings (deliverables), papers, FAQ, Website
The General Public	Public	General	Internet, social networks (Facebook, Twitter, YouTube), local newspapers, generalist magazines	Press releases (consider translation to local languages), posts in social networks, website, videos
Potential users and policy makers	patient associations	Users	Mailing list (previous compilation of a list of associations is needed)	Press release, Leaflet, posters, newsletter, papers, public deliverables, website
Potential users and policy makers	patient KOLs (Key Opinion Leaders)	Users	Personal contacts	Press releases (consider translation to local languages), newsletter, leaflet, website, videos
Potential users and policy makers	patients	Users	Internet, social networks (Facebook, Twitter, YouTube), local newspapers, generalist magazines	Press releases (consider translation to local languages), posts in social networks, website, videos
Academic Community	Research centers	Users	Articles and papers in journals, conferences, workshops/symposia and scientific magazines	Lessons learnt and research findings (deliverables), papers, FAQ, Website
Academic Community	Researchers	Users	Articles and papers in journals, conferences, workshops/symposia and scientific magazines	Lessons learnt and research findings (deliverables), papers, FAQ, Website

Tables 2-10 show the dissemination routes identified for target audiences:

Table 2: Means for reaching relevant academic communities

Academic Community
Peer reviewed journals
Peer reviewed Conference/Workshop/Symposia papers/presentations
Website
Newsletters of scientific societies
MG workshops and symposia
EC Concertation actions
FAQ <i>[New]</i>
Teleconferences <i>[New]</i>

Table 2 was updated at end of Y2 with Frequently Asked Questions (FAQs) and Teleconferences.

Table 3: Means for reaching European Business sectors

European Business sectors
Project presentations at key trade fairs and expositions
Industrial news services
Project presentations
Internet Press Centres

Table 4: Means for reaching Professional communities

Professional communities (e.g., health service providers, health professional organisations, patient organisations...)
Website
Radio, TV, Local and national newspapers
Internet press centres
Newsletters of professional organisations
WG email lists
Regional conferences
Users groups (e.g., domain patients groups, doctors' groups, etc.) <i>[New]</i>
Key Opinions Leaders (KOL's) (e.g. domain experts) <i>[New]</i>

Table 5: Means for reaching Public administrations

Public administration (e.g. European government and health policy makers)
Presentations and direct visits at national, regional and EU-wide events
EC newsletters
Presentations at national, regional conferences

Table 6: Means for reaching the General Public

The General Public
Radio, TV, Local and National Newspapers, e-groups
Local symposium

Tables 7 to 10 show the initial list of organisations identified as those to which MobiGuide could be of interest. These tables were produced by classifying partners' selected contacts according to the different target groups identified in the dissemination strategy: Industrial Community, Standard Developing Bodies, Clinical Content Developers and potential users and policy makers. These tables will be used as a reference and starting point for future contact activities within the project. These activities will be aligned with the plans of the Exploitation Team in order to use them in their future initiatives.

Although the contacts have been identified along with the partners that can establish the relation, it is important to highlight that is not a closed list and could vary depending on the identified action the better towards optimum dissemination and exploitation of the project results.

Table 7: Dissemination Targets – Industrial community

Target type	Specific contact	Contacting MobiGuide partner
Industry consortiums	EIT ICT labs partners, including --among others -- Philips, Nokia, Siemens	UT
EMR vendors	Philips Cerner epic, iMDSOft	UT HU BGU
Integrators	IBM DB-Motion CBIM	HU BGU UNIPV
Cellular companies	Vodafone Telefonica	UNIPV, UT ATOS
Phone manufacturers	Apple	BGU

Mobile operating system developers	Google, Microsoft Nokia Intel	BGU UT UNIPV
Specific domain device manufacturers	Blood Glucose Meter: Bayer HealthCare, Roche, Abbot, Nova Biomedical	ATOS BGU

Specific device manufacturers will be approached to present the new system to the industry sector as part of the Exploitation activity.

Table 8: Dissemination Target – Standard Developing Bodies

Target type	Specific contact	Contacting MobiGuide partner
European Standard development bodies	CEN Advisory Board for Healthcare Standards CEN TC251 Health Informatics EuroRec, openEHR HL7, Continua, IHE	UT UT ZORG ATOS

Table 9: Dissemination Target – Clinical Content Developers

Target type	Specific contact	Contacting MobiGuide partner
Clinical guideline developers	Vidal, Cegedim NICE New Zealand Guideline Group SNLG-ISS	BGU CSPT, BGU BGU UNIPV
Professional Medical Societies	Spanish Society of Diabetes Italy: main general practitioner societies: SIMG, FIMG European Society of Cardiology AME – Italian Medical Endocrinology association AACE – American Association of Clinical Endocrinologists	CSPT FSM UNIPV HU HU

Table 10: Dissemination Target – potential users and policy makers

Target type	Specific contact	Contacting MobiGuide partner
HMOs	Quirón (Spain) Clalit (Israel)	ATOS BGU, HU

	Maccabi (Israel)	BGU
Patient organizations	Catalan Diabetic Association (ADC)	CSPT, ADC
Governments and policy makers	Lombardia Region Health Department Madrid, Cataluña, Galicia	UNIPV ATOS

3.1.2 Additional dissemination actions

This section lists the additional actions, coordinated by HU [Adi Fux]*, which were added to the dissemination plan in D10.2.2, and reports on progress with respect to these actions. Names given in square brackets are the responsible project participants for these actions. An asterisk (*) represents the individual responsible for coordinating these actions.

- *Establish Key Opinion Leader (KOL) and expert groups [HU / Adi Fux]** (see Table 4 above).
 - *Patients*
 - *GDM [ADC/ Àngels Pallàs] [CSPT / Mercedes Rigla]*
 - *AF patient groups [FSM / Carlo Napolitano]*
 - *Experts [HU / Adi Fux]*

Key Opinion Leader (KOL) / expert groups – GDM Patients: Patient focus groups have been set up and 2 focus groups meetings were held in Spain in September with GDM and diabetic patients (ADC, CSPT and UPM with support from HU and UT).

Key Opinion Leader (KOL) / expert groups – AF patients: FSM plan to recruit a research nurse to support the Mobiguide pilot including recruitment of patients into the pilot; the nurse will also be involved in AF patient expert group activities in Italy.

To support these actions, a Patient Focus Group Kit including instructions for facilitators, presentations for patients, publicity (eg Catalan and Spanish patient flyers) and consent forms in Spanish and Catalan was developed by HU with help from ADC, UPM, UT and other WA4 members.

Key Opinion Leader (KOL) / expert groups – Physicians: a group of physicians is being formed by HU, FSM, UNIPV, and CSPT, currently a partial list which will be expanded. In addition to meetings with cardiologists and endocrinologists mentioned below under Teleconferences, HU has also presented MobiGuide and received feedback related to application to diabetes experts from RAMBAM hospital Israel.

- *System demo: [HU / Adi Fux]**
 - *define the system demo architecture and approve by KOL/experts to present on the website toward year 4 [Atos as part of Training WP]*

A smartphone demo “Virtual Tour” has been developed by UPM and shown by ADC to three groups of patients in Spain at Hospital Clínic, la Maternitat Barcelona and Hospital Germans Trias I Pujol Badalona Spain (ADC, UPM) and by CSPT to patients at Hospital Parc Taulí.

- *Demo movies [HU/Adi Fux]**
 - *Project movie (Y3) [HU/Adi Fux]*
 - *System demo movie (Y4) [Atos as part of Training / demonstration WP]*

After discussion it was decided to combine these two into a single movie in Y4 as part of training.

- *Frequently Asked Questions (FAQ's) [HU/Adi Fux]** (see Table 2 above).
 - *general frequently asked questions (FAQ's) [HU/Adi Fux]*
 - *AF FAQ's. [FSM/Carlo Napolitano]*
 - *GDM FAQ's [CSPT / Mercedes Rigla]*

A general FAQ has been authored by HU and UT, validated by ADC and WA4 partners and added to the website (HU, UT, MHBV, BTL, ADC). A FAQ on AF has been authored by FSM and validated by ADC, UT and WA4 partners and added to the website (FSM, HU, UT, MHBV, BTL, ADC, CSPT). A FAQ on GDM has been authored by CSPT and validated by ADC and WA4 partners and added to the website (CSPT, HU, UT, BTL, ADC).

- *Teleconferences [HU / Adi Fux]** (see Table 2 above).

UNIPV, FSM and HU have held a telemeeting with an Israeli cardiologist regarding shared decision-making in MobiGuide and whether it could be used in other domains in cardiology, such as decisions regarding coronary revascularization. HU held a telemeeting with an expert from the American Association of Clinical Endocrinologists.

- *Website improvements : [HU / Adi Fux]**
 - *Translate the website to Spanish [CSPT], Catalan [ADC] and Italian [UNIPV]*
 - *Add registration for different groups – doctors, patients etc. [HU / Adi Fux]*

Selected parts of the website, especially those of interest to patients, have been translated into Spanish, Italian and Catalan (UNIPV, UPM, ADC, HU, UT, BTL). Registration - after discussion with project management, HU decided not to add a registration mechanism, but use the 'contact me' option to add new members based on the contact form.

- *Mailing list:*
 - *Continue current mailing list with news and publications [UT/Val Jones, TUV/Paolo Federico] [DONE]*

3.2 Remarks of reviewers and response

Below we give the reviewer's remarks relating to T10.1 Dissemination and the actions taken and planned in response to those remarks. Indented paragraphs in *Times Roman italic* are quotes from the *MobiGuide Year 2 Technical Review Report*, January 2014.

The dissemination plan includes a focus group for Key Opinion Leaders (patients). The European Patients' Forum and the International Alliance of Patients Organisations are two possible contacts. I suggest also a possible easy dissemination activity to reach patients from many clinical domains –posting a link EUPATI the ADC Partner in Focus article on the EUPATI Facebook page. (European Patients' Academy on Therapeutic Innovation funded by Innovative Medicines Initiative– skilling up patients for patient involvement activities with a focus on medicines R & D - not directly useful for MobiGuide except for informal dissemination.)

Response: a message and links to the MobiGuide website and to the ADC's Partner In Focus article were posted to European Patients' Academy on Therapeutic Innovation (EUPATI) Facebook page, also to the International Alliance of Patients' Organizations Facebook page and to the European Patients' Forum Facebook page. These organisations were also added to the newsletter distribution list. Outreach to patients continued by means of patient focus groups and Smartphone demos (the MobiGuide "Virtual Tour") in Spain.

Continue to ensure that feedback from patient and clinician consultation/engagement activities inform the training and dissemination materials as well as system development.

Feedback from patients gathered by ADC has been presented at the consortium meeting at UT in May 2014 and is passed on to the training work package WP12 via

WA4. Scrutiny of dissemination materials by ADC continues to ensure that patient feedback is taken into account in dissemination activities.

3.3 Dissemination targets

Dissemination targets for Y3 as described in D10.2.1 were:

- Continue Year 1 and 2 dissemination activities (tabulated in Section 4)
- Additional actions (reported above in Section 3.1.2 and tabulated in Section 4)
- Organise Year 4 MobiGuide event (international workshop) [in process].

The MobiGuide event (an international workshop) is currently planned to be co-located with AIME 2015 (organized by the European Society for Artificial Intelligence in Medicine) (17-20 June 2015, Pavia, Italy).

4. Dissemination Reports Year 3

This section reports on the dissemination activities which were achieved during the third year of the project, according to the MobiGuide dissemination strategy and plan described in Sections 2 and 3 above. Support of all partners in dissemination and especially of WA4 members (UT, HU, Atos, BTL) as well as ADC, UPM, FSM, CSPT and TUV is gratefully acknowledged.

Y3 dissemination actions are listed below in the following tables:

- Table 11: Scientific Publications
- Table 12: Posters, Presentations, Panels and Demonstrations
- Table 13: Participation in events
- Table 14: Organisation of workshops
- Table 15: Web and Internet actions (including mobile)
- Table 16: Contact with stakeholders and KOL/expert groups
- Table 17: Liaison with EC and other European R&D projects
- Table 18: Other Dissemination actions

4.1 Scientific Publications

Table 11 below shows the MobiGuide Scientific Publications produced during Y3. Status (S=Submitted, A=Accepted, P=Published) is indicated.

Table 11: Scientific Publications

Bibliographic reference	MG partners	Type ¹	Sta ² tus	Persistent URL/ISBN	Audience ³	Peer reviewed Y/N	To t
Mor Peleg, Yuval Shahr, and Silvana Quaglioni. "Making healthcare more accessible, better, faster, and cheaper: the MobiGuide Project". European Journal of ePractice: Issue on Mobile eHealth, Num. 20, November, 2014, pp. 5-20..	HU, BGU, UNIPV	J	P	http://www.epractice.eu/en/document/5420884	General public	N	1
Arturo González-Ferrer, Mor Peleg, Enea Parimbelli, Erez Shalom, Carlos Marcos, Guy Klebanov, Iñaki Martínez-Sarriegui, Nick Lik San Fung, Tom Broens. Use of the Virtual Medical Record Data Model for Communication among Components of a Distributed Decision-support System. International Conference on Biomedical & Health Informatics, 1-4 June 2014	HU, BGU, UNIPV, UPM, ATOS, MH, UT	IC	P	http://emb.citengine.com/event/bhi-2014/paper-details?pdID=159	Med. Informatics Researchers and Practitioners	Y	1

(Valencia, Spain)							
Carlos Caveró Barca, Carlos Marcos Lagunar, Juan Mario Rodríguez, Ana María Quintero, Ivo Ramos Maia Martins, Iván Martínez, María Angeles Sanguino, Tomás Pariente Lobo. yourEHRM: standard-based management of your personal healthcare information. International Conference on Biomedical & Health Informatics (BHI), 1-4 June 2014 (Valencia, Spain)	Atos	IC	P	http://emb.citengine.com/event/bhi-2014/paper-details?pdID=52	Med. Informatics Researchers and Practitioners	Y	1
Paolo Federico, Stephan Hoffmann, Alexander Rind, Wolfgang Aigner, Silvia Miksch. Qualizon Graphs: Space-Efficient Time-Series Visualization with Qualitative Abstractions. In <i>Proceedings of the 12th Working Conference on Advanced Visual Interfaces (AVI2014)</i> , Como (Italy) May 27-30, 2014, ACM, pp. 273 - 280.	TUV	IC	P	http://dx.doi.org/10.1145/2598153.2598172	Other (HCI researchers)	Y	1
N. Larburu, I. Widya, R. G. A. Bults, and H. J. Hermens, "Making Medical Treatments Resilient to Technological Disruptions in Telemedicine Systems " in <i>IEEE-EMBS International Conference on Biomedical and Health Informatics</i> , 2014. (1-4 June 2014, Valencia (Spain))	UT	IC	P	http://dx.doi.org/10.1109/BHI.2014.6864359	Med. Informatics Researchers and Practitioners	Y	1
N. Larburu, R. G. A. Bults, C. Napolitano, I. Widya, and H. J. Hermens, "Quality of Data Computational Models and Telemedicine Treatment Effects," in <i>Healthcom2014</i> , 2014. (15-18 October 2014, Natal (Brazil))	UT	IC	P	http://www.ieee-healthcom.org/index.html	Med. Informatics Researchers and Practitioners	Y	1
Nick Lik San Fung, Ing Widya, Tom Broens, Nekane Larburu, Richard Bults, Erez Shalom, Val Jones, and Hermie Hermens, "Application of a conceptual framework for the modelling and execution of clinical guidelines as networks of concurrent processes," in <i>18th International Conference on Knowledge-Based and Intelligent Information and Engineering Systems - KES2014</i> , Gdynia, Poland, September 15-17, 2014.	UT, MHBV, BGU	IC	P	http://kes2014.kesinternational.org	Other (AI Researchers)	Y	1
Erez Shalom, Yuval Shahar, Ayelet Goldstein, Elior Ariel, Silvana Quaglini, Lucia Sacchi, Nick Fung, Valerie Jones, Tom Broens, Gema García-Sáez, and Elena Hernando. <i>Enhancing Guideline-based decision support with distributed computation through local mobile application</i> . 7th Int'l Workshop on Process-oriented Information Systems in Healthcare (ProHealth 2014), Eindhoven, NL, September 8th, 2014. In conjunction with the 12th International Conference on Business Process Management (BPM14).	BGU, UniPV, UT, MHBV, UPM	IW	P			Y	1
Nick L. S. Fung, Valerie M. Jones, Richard G. A. Bults, and Hermie J. Hermens, "Guideline-based Decision Support for the Mobile Patient Incorporating Data Streams from a Body Sensor Network," in <i>4th International Conference on Wireless Mobile Communication and Healthcare (MobiHealth 2014)</i> , Athens, Greece, November 3-5, 2014.	UT	IC (Special Session)	A	http://www.mobihealth.name/2014/show/home	Medical Informatics Researchers and Practitioners	Y	1
Enea Parimbelli, Silvana Quaglini, Carlo Napolitano, Silvia Priori, Riccardo Bellazzi, John Holmes. "Use of	UNIPV	IC	A	http://www.adventiumlabs.com/HIAI14	Medical Informatics	Y	1

Patient Generated Data from Social Media and Collaborative Filtering for Preferences Elicitation in Shared Decision Making". In 2014 AAAI Fall Symposium on Expanding the Boundaries of Health Informatics Using AI (HIAI '14). November 13-15, 2014, Arlington, Virginia, USA.					Researchers and Practitioners		
Gema García-Sáez, I. Martínez-Sarriegui, M. Rigla, Pons-Pons B., M. Villaplana, E.J. Gómez and M. E. Hernando, "Design evaluation of a prototype user interface to support a guideline-based decision support system in gestational diabetes", 7th International Conference on Advanced Technologies & Treatments for Diabetes, Vienna, Austria, February 5–8, 2014; Published in Diabetes Technology and Therapeutics, February 2014, 16(S1):A-112	UPM, CSPT	A	P	doi:10.1089/dia.2014.1515	Clinicians, medical informatics and researchers	Y	1
Carlos Marcos *, Arturo González-Ferrer, Mor Peleg, Carlos Caverio. "Solving the interoperability challenge of a distributed complex patient guidance system: a Data Integrator based on HL7's Virtual Medical Record standard". In 2014 Journal of the American Medical Informatics Association (JAMIA).	Atos, HU	J	S		Med. Informatics Researchers and Practitioners	Y	1
Reinhard Wenzina, Katharina Kaiser. "Towards the Application of TimeML in Clinical Guidelines". In Workshop on "Modellierung im Gesundheitswesen" (ModGW) in conjunction with the conference on Modellierung 2014, Vienna, Austria, March 20th, 2014.	TUV	IW	P	http://publik.tuwien.ac.at/files/PubDat_228005.pdf	Med. Informatics Researchers and Practitioners	Y	1
Reinhard Wenzina, Katharina Kaiser. "Using TimeML to Support the Modeling of Computerized Clinical Guidelines", in Studies in Health Technology and Informatics, Volume 205: e-Health – For Continuity of Care, Proc. of MIE 2014, p. 8-12, Istanbul, Turkey, Sept. 2014.	TUV	IC	P	doi:10.3233/978-1-61499-432-9-8	Med. Informatics Researchers and Practitioners	Y	1
Silvana Quaglino, Silvia Miksch, Yuval Shahar, Mor Peleg, Carlo Napolitano, Mercedes Rigla, Àngels Pallàs, Enea Parimbelli, Lucia Sacchi. "Supporting Shared Decision Making within the MobiGuide Project". Proceedings of the American Medical Informatics Association (AMIA) Annual Symposium. American Medical Informatics Association, Washington DC, 2013, November 16-20, 2013	UNIPV, BGU, HU, FSM, CSPT, ADC	IC	P	http://www.ncbi.nlm.nih.gov/pubmed/24551401	Med. Informatics Researchers and Practitioners	Y	1
Gema García-Sáez, Mercedes Rigla, Iñaki Martínez-Sarriegui, Erez Shalom, Mor Peleg, Tom Broens, Belén Pons, Estefanía Caballero-Ruiz, Enrique J. Gómez, M. Elena Hernando. "Patient-oriented Computerized Clinical Guidelines for Mobile Decision Support in Gestational Diabetes". Journal of Diabetes Science Technology, 2014, 8, pp. 238-246	UPM, CSPT, BGU, HU, MH	J	P	10.1177/1932296814526492	Medical	Y	1
Paolo Federico, Albert Amor-Amorós, Silvia Miksch. "Knowledge-assisted EHR visualization for cohorts". Workshop on Visualizing Electronic Health Record Data (EHRvis) in conjunction with IEEE Vis Conference, Paris, France, 9-14 November 2014.	TUV	IW	A		Other (Visualization on researchers)		1
Total							17

- 1 **Type:** A=Abstract, J=Journal article, B=Book chapter, IC=International conference paper, IW=International workshop paper, E=Edited Special Issue or Volume, NC=National Conference paper, NW=National Workshop paper, O=Other (please specify)
- 2 **Status:** S=Submitted, A=Accepted, P=Published.
- 3 **Audience:** Medical Informatics Researchers and practitioners, Medical practitioners and researchers, General Audience, Policy Makers, Industry, Other (please specify).

4.2 Posters, Presentations, panels and demonstrations

Table 12 below shows Posters, Presentations, panels and demonstrations in Y3.

Table 12: Poster Sessions, Presentations, Panels and Demonstrations at scientific and other events

Date	Place	Type	Title/description	Event	Event Type	Type of Audience	Size of Audience	Partner Responsible/Involved (presenter)	Comments	Total
Dec 17, 2013	Technion, Haifa, Israel	P	The MobiGuide Project: Guiding Patients Any Time, Everywhere in a Personalized Way	T2med: Social-Mobile-Cloud Meets Medicine @ Technion	Symposium	Academia, Industry, general public	400	HU (Mor Peleg)	I explained the 5 objectives of MobiGuide, provided screen shots of our two demo scenarios and talked about customization and personalization	1
February 17, 2014	University of Haifa, Israel	P	The MobiGuide Project: Guiding Patients Any Time, Everywhere in a Personalized Way	Revolutionizing Healthcare Decision-Making via Social Networks and Information Systems Workshop	Symposium	Academia	40	HU (Mor Peleg)	I explained the 5 objectives of MobiGuide, provided screen shots of our two demo scenarios and talked about customization and personalization	1
February 24, 2014	Hospital Clínic, la Maternit at Barcelona	D	"Virtual Tour".		Workshop and individual meetings with patients and partners.		13	ADC – (Àngels Pallàs)	Demo with the Smartphone, the first "Virtual Tour". Questionnaire administered to: 8 pregnant women with diabetes type 1; 1 woman with gestational diabetes, 1 woman with Mody diabetes and 3 men that were partners of the type 1 diabetes women.	1
February 25, 2014	Hospital Germans Trias i Pujol Badalona Spain	D	"Virtual Tour".		Workshop and individual meetings with patients and partners.	Patients and relatives	6	ADC – (Àngels Pallàs)	Demo with the Smartphone, the first "Virtual Tour". Questionnaire to 6 pregnant women with type 1 diabetes	1
February	Hospital Germans	D	"Virtual Tour".		Workshop and		3	ADC – (Àngel	Demo with the Smartphone, the first "Virtual Tour".	1

28, 2014	Trias i Pujol Badalona Spain				individual meetings with patients and partners.			s Pallàs)	Questionnaire to 3 women with gestational diabetes	
May 19, 2014	Vrije Universiteit, Amsterdam	P	Personalizing Decision Support within the MobiGuide Project: Guiding Patients Any Time Everywhere	CS Seminar	Colloquium	Academia		HU (Mor Peleg)	I explained the 5 objectives of MobiGuide, provided screen shots of our two demo scenarios and talked about customization and personalization	1
April 23, 2014	Tel Hashomer Hospital, Israel	P	MobiGuide: Guiding Patients Any Time Everywhere in a Personalized Way	AMIA 10x10 talk	Seminar	Doctors	20	HU (Mor Peleg)	I explained the 5 objectives of MobiGuide, provided screen shots of our two demo scenarios and talked about customization and personalization	1
April 23, 2014	Tel Hashomer Hospital, Israel	P	Knowledge-Based Visualization, Exploration, and Mining of Time-Oriented Clinical Data	AMIA 10x10 talk	Seminar	Doctors	20	BGU (Yuval Shahar)	Mobiguide was presented as an application of some of these ideas.	1
June 1-4	Valencia, Spain	P	Making Medical Treatments Resilient to Technological Disruptions in Telemedicine Systems	BHI	Conference	Academics, Industry, Clinicians	30	UT (Nekane Larburu)	I explained the layering technique used in Mobiguide to determine the dependency between medical and technological concerns	1
October 15-18	Natal, Brasil	P	Quality of Data Computational Models and Telemedicine Treatment Effects	Healthcom	Conference	Academics, Industry, Clinicians		UT (Nekane)		1
June 9, 2014	Tel-Aviv, Israel	P	Architecture for a Ubiquitous Decision Support System for Patients and Care	Annual Symposium of the Israeli Medical Informatics Association	Conference	Academics, Industry, Clinicians	60	HU (Mor Peleg), MHBV, BGU		1

			Providers [Hebrew]	n						
June 9, 2014	Tel-Aviv, Israel	P	Personalization of Computer-interpretable Clinical Guidelines [Hebrew]	Annual Symposium of the Israeli Medical Informatics Association	Conference	Academics, Industry, Clinicians	60	BGU (Yuval Shahr), HU, UNIPV		1
25/10/2014	Casa del Mar, Barcelona Spain	P	UPM (Elena Hernando) presentation of the MobiGuide project "App i Diabetis"	ADC "annual journey" themed "the app in Diabetes".	Meeting: ADC organizes an annual patients meeting to explain the last news or items about diabetes. This year it is about apps and Diabetes.	Diabetic patients, friends, carers and family		ADC (Montserrat Soley), UPM	Elena Hernando (UPM) explained the MobiGuide system and gave a powerpoint presentation at the annual meeting of patients organised by the ADC.	1
25/10/2014	Casa del Mar, Barcelona Spain	P	Event poster "App i Diabetis" including MobiGuide logo etc	ADC "annual journey" themed "the app in Diabetes".	Meeting	Diabetic patients, relatives and specific professionals of Diabetes.		ADC (Montserrat Soley), UPM		1
October 2014	Hospital Parc Taulí in Barcelona	D	A demo with the Smartphone (the MobiGuide "Virtual Tour")		Meeting	patients at Hospital Parc Taulí	10	CSPT		1
November 26, 2013	Fondazione Bruno Kessler, Trento, Italy	P	Supporting methods for modeling computer-interpretable guidelines	FBK Seminar	Seminar	Researchers	10	TUV (Katharin Kaiser)	Described MobiGuide and work related to WP3	1
July 29,	Stanford, CA	P	Inconsistency Robustness	Inconsistency Robustness	Conference	Researchers and	15	HU (Peleg)	Described how Inconsistencies can be handled in a robust way by	1

2014			of a Distributed IS	s Conference		clinicians			AI methods in MobiGuide	
June 9, 2014	Tel-Aviv, Israel	P		Annual Symposium of the Israeli Medical Informatics Association	Symposium	Researchers and clinicians		BGU(Erez Shalom)	Talked about the MobiGuide project in while presenting work at the conference on “chronic pain management system”	1
June 10, 2014	David Intercontinental, Tel Aviv, Israel	P	Digital Innovation in Healthcare: The Case for Mobile-Based, Automated, Evidence-Based Care	European Conference on Information Systems	Conference	Academia, Industry, general public	200	BGU (Yuval Shahar)	I explained the rationale underlying the MobiGuide project, its objectives, and its architecture	1
June 9, 2014	Hilton, Tel Aviv, Israel	P	Personalization of clinical guidelines	Israeli Association of Medical Informatics meeting (ILAMI)	Conference	Academia, Industry, general public	400	BGU (Yuval Shahar)	I explained the objectives of the MobiGuide project, and then focused on its 4-part methodology: Specification, Customization, Personalization, and Application of clinical guidelines	1
April 23, 2014	Sheba Medical Center, Israel	P	Knowledge-Based Visualization, Exploration, and Mining of Time-Oriented Clinical Data	AMIA 10x10 staff educational course	Continuing education course	Physicians, nurses, hospital personnel	20	BGU (Yuval Shahar)	I reviewed the concepts of intelligent interpretation and exploration of longitudinal clinical data, and demonstrated their use within the MobiGuide project	1
Total										21

1 **Type** P=Presentation, Pn=panel, Po= Poster, D=Demonstration

2 **Event Type** IE = International Event, NE = National event, W=Workshop, NC=National Conference, IC=Intl.Conference, S=Symposium, Cq= Colloquium, Sm=Seminar, CM=MG CM, Rv=EC Review, I=Internal meeting

4.3 Participation in events

Table 13 shows participation in events by MobiGuide partners during Y3.

Table 13: Participation in events

Date	Place	Type	Type of Audience	Event Name	Size of Audience	Partner Responsible/Involved	Description	Total
6-8 Nov 2013	Vilnius	conference	General ICT industry, research & academia	ict2013 event & conference	6000	BTL	Participation in ict2013 event, networking and general dissemination of project activities and progress	1
15 May 2014	Haifa	Symposium	Academia	Europe Day	100	HU		1
12 May 2014	Twente	Workshop	Masters students	Workshop on Telehealth	30	UT (Val Jones)	Body Area Networks for Remote Monitoring and Treatment: Guest Lecture given at a Workshop on Telehealth, organised by eHealth Strategies Masters course	1
28 June 2014	Madrid	Conference	Pediatricists	Endocrinology meeting	50	CSPT (Mercedes Rigla)	Conference on technology applied to diabetes	1
Date	Place	Type	Type of Audience	Event Name	Size of Audience	Partner Responsible/Involved	Description	4

4.4 Organisation of workshops

Table 14 shows of workshops organised by MobiGuide partners during Y3.

Table 14: Organisation of workshops

Type Intl. Workshop/ National Workshop	Workshop / Conference name	Organizing Persons (partners)	Place & Date	Type of Audience	No of Participants	Short description <i>max 250 chars</i>	Of interest to	To t
Research Workshop with Professor Valerie Gay and Dr Peter Leijdekkers	Mobile Health at the University of Technology, Sydney (UTS)	UT (Val Jones)	UT, 5 th August 2014	Academics, developers from UT, Coessingh Research and Development (RRD) and UTS.	13	UT hosted this research meeting and presented UT's research in the MobiGuide project. UTS presented their mHealth research in areas of Health monitoring, rehabilitation and medication compliance; Trust-based social network for mobile health; Mobile Apps for Autistic children and their commercial development: myFitnessCompanion.com [®] followed by discussion about future collaboration.	Researchers, business	1
MobiGuide International Workshop	Working title: MobiGuide workshop	HU, UNIPV, UT, BGU, UPM, TUW				We are proposing and planning a MobiGuide workshop at Aime 2015 in Pavia: http://aime15.aimedicine.info/ Status: to be reviewed and accepted by the AIME programme chair. This will be the MobiGuide International Workshop planned for the final project year.	Researchers, business, medical personnel, HMOs, academics	1
Type Intl. Workshop/National Workshop	Workshop / Conference name	Organizing Persons (partners)	Place & Date	Type of Audience	No of Participants	Short description <i>max 250 chars</i>	Of interest to	2

4.1 Web and internet actions

Table 15 shows Web and internet actions in Y3.

Table 15: Web and internet actions (including mobile)

URL	MG partners	Description	Tot
Newsletter Issue 2 distributed in electronic form	UT (Val Jones), TUW	With EUROPEAN PATIENTS' FORUM, INTERNATIONAL ALLIANCE OF PATIENTS ORGANIZATIONS (IAPO), and EUPATI (European Patients' Academy on Therapeutic Innovation) added to distribution list	1
Newsletter Issue 2 distributed electronically to participants of Telecare at Home workshop	UT (Val Jones)		1
EU Press release	UT (Val Jones), BTL, HU, MHBV	MG was featured in Europe.eu press release by EC Vice-President Neelie Kroes "What mHealth can do for you" (accompanying material for public consultation on EU Digital Agenda Green Paper on mobile health) http://europa.eu/rapid/press-release_MEMO-14-266_en.htm European Commission - MEMO/14/266 10/04/2014 permalink: http://www.ehealthnews.eu/development/3895-what-mhealth-can-do-for-you	1
EUPATI Facebook post	UT (Val Jones)	A message and links to MobiGuide website and the ADC's Partner In Focus article posted at: https://www.facebook.com/eupati.eu	1
Catalan translation of selected parts of MG website	ADC (Àngels Pallàs), BTL	Translation of the MG website homepage into Catalan.	1
EUROPEAN PATIENTS' FORUM Facebook post	UT (Val Jones)	A message and links to MobiGuide website and the ADC's Partner In Focus article posted at: https://www.facebook.com/EuropeanPatientsForum	1
INTERNATIONAL ALLIANCE OF PATIENTS ORGANIZATIONS (IAPO) Facebook post	UT (Val Jones)	A message and links to MobiGuide website and the ADC's Partner In Focus article posted at: https://www.facebook.com/internationalallianceofpatientsorganizations	1
Digital Agenda for Europe Blog	UT (Val Jones)	Health on the go: Monitoring your heart or diabetes via your smartphone https://ec.europa.eu/digital-agenda/en/blog/health-go-monitoring-your-heart-or-diabetes-your-smartphone-0	
MG website	HU (Adi Fux), UT, BTL, ADC.	General FAQ was written by HU and validated by ADC and UT was added to the website by BTL.	1
MG website	FSM (Carlo Napolitano), HU, UT, MHBV, BTL, ADC.	An Atrial Fibrillation FAQ was written by FSM and validated by ADC and UT and was added to the website by BTL.	1

MG website	CSPT (Mercedes Rigla, Belen Pons), UT, MHBV, ADC, BTL	A GDM FAQ was written by CSPT and validated by ADC and UT and was added to the website by BTL.	1
MG website	UT, BTL, HU, various	Various news items, downloads, publications etc added to the website http://www.mobiguide-project.eu/	
FaceBook	UT, BTL, HU, various	Various posts from MobiGuide Facebook account https://www.facebook.com/MobiGuideProject	
Twitter	UT, BTL, HU, various	Various tweets from MobiGuide Twitter account https://twitter.com/MobiGuideProj	
URL	MG partners	Description	3 plus

4.2 Contact with stakeholders and KOL/expert groups

Table 16 shows contacts with stakeholders in Y3.

Table 16: Contact with stakeholders and KOL/expert groups

Stakeholder organisation Name	Stakeholder type ¹	Location/Date	MG partners	Contact name	email	URL	Description	Tot
Capgemini Consulting	Consultants on strategy for digital economy	Twente 10/6/2014	UT (Val Jones)	Prof Robert Stegwee	robert.stegwee@capgemini.com Principal Consultant for IT in Healthcare with Capgemini Consulting Services in Utrecht. Professor of E-Health Architectures and Standards (formerly Professor of Business Information Systems) at UT.	http://www.capgemini-consulting.com/	Capgemini Consulting, together with patient federation NPCF, is leading the effort to scale Personal Health Records successfully to a national scale for all interested citizens in the NL, they are interested in MobiGuide experiences that could be included in our PHR framework. I sent information and links about MG, and passed contact to Atos as a potential exploitation partner.	1
EU HEALTH IT SPACE	Health IT professionals	25/8/2014	UT (Val Jones)	Via David Ruslan	info@ehealthnews.eu	https://www.facebook.com/healthitspace	Post about MG on EU HEALTH IT SPACE	1
Patient flyer in Catalan	Patient organisations	Spain	ADC (Àngels Pallàs)			http://www.mobiguide-project.eu/es/downloads/category/13-patients-flyer	The patient flyer was translated into Catalan by ADC (Àngels Pallàs) and distributed by ADC (Àngels Pallàs) at the hospitals in and near Barcelona at the patient workshops.	1
Patient Focus Group Kit			HU (Adi Fux)				To support the Patient Focus Group actions, a Kit including instructions/information for facilitators, presentations for patients, publicity (eg Catalan and Spanish flyers) and consent forms in Spanish and Catalan have been developed by HU with help from ADC, UPM,	1

							UT and other WA4 members.	
MG link and information sent to hospitals in Spain	Hospitals	Spain , 12/2/ 2014	AD C (Àngels Pallàs)			http://www.mobiGuide-project.eu	ADC sent the MG URL to 7 hospitals close to Barcelona with a request for women with gestational diabetes or women pregnant with type 1 diabetes to be invited to a virtual tour about the pilot given by ADC. The Virtual Tour demo was developed by UPM. 1. Hospital Clínic - La Maternitat. Barcelona 2. Hospital Germans Trias i Pujol - Can Ruti. Badalona (10 Km from Bcn) 3. Hospital Moisès Broggi. Sant Joan Despí (12 Km from Bcn) 4. Hospital de la Santa Creu i Sant Pau. Barcelona 5. Hospital General de l'Hospitalet - Consorci Sanitari Integral. L'Hospitalet del Llobregat (by Barcelona) 6. Hospital de Mataró - Consorci Sanitari del Maresme. Mataró (40 Km from Bcn) 7. Hospital del Mar - Parc de Salut Mar. Barcelona These patients are also the target group for the Patient Focus groups. 1, 2 and 6 responded. The head of "Educational Health Programs" in the Health Department of the Catalan Government was also informed.	1
Patient focus group meeting	Patient organisation	September 18th 2014, Spain	AD C (Àngels Pallàs)				Patient Focus Group meeting in Barcelona with members of ADC (type 1 diabetes pregnant or planning pregnancy or with babies.) Meeting run by ADC (Àngels Pallàs), UPM, CSPT, with support from HU, UT.	1

Patient focus group meeting	Patients and hospitals	September 29th 2014, Spain	ADC (Àngels Pallàs)				Patient Focus Group meeting with GDM patients from different hospitals in and around Barcelona Meeting run by ADC (Àngels Pallàs), UPM, CSPT, with support from HU, UT.	1
MobiGuide presentation to American Association of Clinical Endocrinologist expert Jeff Garber	Doctor	February 9, 2014 (Skype)	HU (Mor)	Prof. Jeff Garber	jgarber@caregroup.harvard.edu		Presented MobiGuide and received feedback related to application to diabetes	1
Introducing MobiGuide to diabetes expert from RAMBAM hospital	Doctors	November 11, 2013	HU (Mor)	Prof. Karnieli, Prof. LeRoith	derek.leroith@mssm.edu, eddy@rambam.health.gov.il		Presented MobiGuide and received feedback related to application to diabetes	1
Skype meeting with Israeli cardiologist regarding shared decision-making	Doctors	June 24, 2014	UNIPV, FS, M, HU	Uri Rosenschein	uri.rosenschein@gmail.com		Discussed Shared Decision-Making in MobiGuide and whether it could be used in other domains in cardiology, such as decisions regarding coronary revascularization	1
Total								10

1 Stakeholder type: EMR vendor, Integrator, cellular company, cell phone manufacturer, mobile operating system developer, EU standard developing body, guideline developer, professional medical society, HMO, medical informatics society, government and policy maker

4.3 Liaison with EC and other European R&D projects

Table 17 shows liaison with EC and other European R&D projects in Y3.

Table 17: Liaison with EC and other European R&D projects

Project	Programme (FP7, CIP...)	Website	MG persons (partners)	Project contact name/affiliation/email	Location/date	Short description max 250 chars	Total
VPH-Share project	Virtual Physiological Human objective	http://www.vph-share.eu	HU, UT, Atos	Claire Horton, University of Sheffield Medical School and Debora Testi of CINECA (d.testi@scsitaly.com)	22/july 2014	email contact form Clair Horton, to explore possibility of sharing tools and data, Being handled by Atos (exploitation manager)	1
EU FP7 CSA project PRIPARE	CSA	http://www.pripare.eu/	HU, UT, Atos	Prof. Dr. Frank Kargl, Institute of Distributed Systems University of Ulm frank.kargl@uni-ulm.de		Offer of participation in a training workshop and to interact with MG via joint meetings, e.g., to conduct a privacy impact assessment or consult on selection of privacy enhancing technologies. Atos (privacy and security) taking the lead	1
CDSS study: "Success Factors and Barriers for the Implementation and Distribution of Clinical Decision Support Systems" The project focuses on systematically identifying factors that facilitate or hinder the short and long term implementation and distribution of computerized clinical	A project by Section Medizinische Informatik, Justus Liebig	www.cdss.eu	Silvana Quaglini (UNIPV)	Benjamin Kux Benjamin.R.Kux@med.uni-giessen.de and Dr. Rainer Roehrig, research group "Medical Informatics in Anesthesiology and Intensive Care Medicine" at the University Hospital Giessen and Marburg, a tertiary care teaching hospital in	Pavia, 1/9/2014	Interview with Prof Quaglini on MobiGuide and implementation challenges concerning clinical decision support systems. The interview focused on the main motivations for patients' non-compliance in	1

<p>decision support systems. It specifically seeks to gain an understanding as to why computerized decision support systems in spite of their proven positive effects on patient care, have still not gained traction in health care facilities around the globe.</p>	<p>Unive rsitat Giess en</p>			<p>Germany associated with the Justus-Liebig-University Giessen.</p>		<p>using the system, and on the availability of physicians to constantly check the data coming from the mobile device.</p>	
<p>Total</p>							<p>3</p>

4.4 Other Dissemination actions

Table 18 shows various other dissemination actions conducted in Y3.

Table 18: Other Dissemination actions

Type of action	Date	MG partners	Description	Tot
News article	19.11.13	HU, BGU	"Coming soon: two applications for gestational diabetes and cardiology patients". In Maariv NRG - National, "News in Israel". http://www.nrg.co.il/online/1/ART2/523/462.html?hp=1&cat=402	1
News article	19.11.13	HU, BGU	"Forgot to take a pill? the application will remind you". In Maariv NRG - Haifa Local, http://www.nrg.co.il/online/54/ART2/523/460.html?hp=54&cat=872&loc=5	1
Mention of MobiGuide in a new publication from Standards group	19/03/2014	Atos	We are using openCDS as a reference for our automatically generated classes from specialized VMR schema, as we use the VMR as the Message Model for the entire MobiGuide project, so it serves to ease the communication between back-end and mobile DSS, Caregiver and mobile GUI and all the other components of the project	1
Mention of MobiGuide in a News article in Forbes	14/4/14	HU	Mention of the talk that Mor gave at a conference held at the Technion earlier http://www.forbes.co.il/news/new.aspx?Pn6VQ=L&Or9VQ=MLKE	1
Newsletter Issue 2 released in printable form	16/5/2014	UT (Val Jones), TUV	EUROPEAN PATIENTS' FORUM info@eu.patient.eu , INTERNATIONAL ALLIANCE OF PATIENTS ORGANIZATIONS (IAPO), info@patientsorganizations.org and EUPATI (European Patients' Academy on Therapeutic Innovation) info@patientsacademy.eu added to distribution list	1
4 meetings during July-August 2014 with Advisory Board Member Samson Tu from Stanford University	July 22, 23, 28 and August 5, 2014	HU	Talked about the MobiGuide project and its relationship with ATHENA, PROforma, reasoning with goals and comorbidities	1
Total				6

5. Conclusions

The MobiGuide Dissemination Strategy and (extended) Plan were summarised and the dissemination actions conducted during Y3 were reported.

Dissemination targeted the general public, the academic community, patients and patient organisations, researchers, clinical practitioners, professional communities, potential users and policy makers and industry.

Progress has been made on the core and additional dissemination actions. Core actions include scientific publications (16 published or accepted plus one in review), various events, web and internet actions and contact with stakeholders and other projects, reaching by a range of means the different target audiences.

Additional dissemination actions included the FAQ sections on the website, the establishment of patient focus groups, demos and presentations to patients and the individual meetings with patients and their families and carers to explain the MobiGuide concept and use of the system.

A major emphasis was placed on communication with patients, and also with their relatives, carers and friends, in preparation for the pilot and for future rollout. Accessibility for patients and the general public continues to be a theme and multi-language presentation also continued with further translation of the patient flyer and parts of the website.

Outreach to health professionals has continued with a number of telemeetings and face-to-face meetings. Actions to address dissemination to health professionals via medical journals include publication of the invited article in the European Journal of ePractice, Issue on Mobile eHealth. Other actions targeting health professionals involved presentations and events and via the medical informatics community.

EU-oriented actions involved contact with other EU research projects, dissemination at EU events and use of EU dissemination channels to reach the professional and academic communities.

6. References

1. *Communication Guidelines for Projects/Studies*, June 2012. Brussels: European Commission, European Commission, Information Society and Media DG, ICT for Health.
2. **Peleg, M.** *MobiGuide Grant agreement for: Collaborative project, Annex I - "Description of Work"*, THEME [ICT-2011.5.3] [Patient Guidance Services (PGS), safety and healthcare record information reuse], 23 July 2012.

7. Annex A: Links to main dissemination products

MobiGuide website: <http://www.mobiguide-project.eu/>

MobiGuide Scientific Publications (public domain)

<http://www.mobiguide-project.eu/downloads/category/11-publications>

and

<http://www.mobiguide-project.eu/news-media/publications>

MobiGuide deliverables (status Public)

<http://www.mobiguide-project.eu/downloads/category/4-public-deliverables>

MobiGuide flyer

<http://www.mobiguide-project.eu/press-media/press-kit/mobiguide-flyer>

MobiGuide patient flyer (English)

<http://www.mobiguide-project.eu/press-media/press-kit/91-mobiguide-patient-flyer-en>

MobiGuide patient flyer (Spanish)

<http://www.mobiguide-project.eu/press-media/press-kit/111-mobiguide-patient-flyer-es>

MobiGuide patient flyer (Italian)

<http://www.mobiguide-project.eu/press-media/press-kit/112-mobiguide-patient-flyer-it>

MobiGuide patient flyer (Catalan)

<http://www.mobiguide-project.eu/press-media/press-kit/113-mobiguide-patient-flyer-catalan>

MobiGuide Newsletters

<http://www.mobiguide-project.eu/press-media/19-newsletters/110-published-newsletters>

Subscription to MobiGuide Newsletter

[http://mobiguide-project.us7.list-](http://mobiguide-project.us7.list-manage.com/subscribe?u=499827332d412bbc2db5ab68b&id=ddaecb938d)

[manage.com/subscribe?u=499827332d412bbc2db5ab68b&id=ddaecb938d](http://mobiguide-project.us7.list-manage.com/subscribe?u=499827332d412bbc2db5ab68b&id=ddaecb938d)

(Also linked from front page of MobiGuide website)

MobiGuide general and condition-specific FAQs:

<http://www.mobiguide-project.eu/faq>

8. Annex B: Bibliography: MobiGuide Publications and Oral Presentations Y1

Arturo González-Ferrer, Mor Peleg, Bert Verhees, Jan-Marc Verlinden, and Carlos Marcos, Data Integration for Clinical Decision Support based on open EHR Archetypes and HL7 Virtual Medical Record, 3 September 2012, Tallinn, Estonia. To appear in: *Proceedings of the 5th Process Support for Healthcare (ProHealth'12) / 4th International Workshop on Knowledge Representation for Health Care (KRH4C'12)*, Springer.

See updated reference in Annex C: this paper was reported in Y1 as a workshop paper (referring to the hardcopy proceedings received by participants of the workshop). This paper was reclassified as a book chapter when the book version was published in Y2, and is hence removed in D10.2.2 from the Y1 workshop paper count and appears in the Y2 book chapter count and in Annex C; it is not counted twice in the statistics.

Adi Fux, Mor Peleg, and Pnina Soffer, How Can Personal Context Improve Adherence to Clinical Guidelines? Oral presentation at 5th Process Support for Healthcare (ProHealth'12) / 4th International Workshop on Knowledge Representation for Health Care (KRH4C'12), 3 September 2012, Tallinn, Estonia.

Adi Fux, Mor Peleg, Pnina Soffer, Silvana Quaglini, and Matteo Gabetta. Eliciting Knowledge for an Ontology for Personalizing Medical Decision-Making. International Congress on Personalized Medicine, Florence, Italy, February 2-5, 2012. (Abstract and Poster)

Adi Fux, Mor Peleg, Pnina Soffer, Personalizing Clinical Decision-support Systems: Eliciting Categories of Personal Context and Effects, oral presentation, 6th annual ILAIS (Israel Association for Information Systems), Haifa University, Israel, July 2, 2012.

Adi Fux, Mor Peleg, and Pnina Soffer. Personalizing How Does Personal Information Affect Clinical Decision Making? Eliciting Categories of Personal Context and Effects. Proceedings of the American Medical Informatics Association (AMIA) Annual Symposium, Chicago, IL, November 3-7, 2012.

Mor Peleg, Futuristic Usage of EHR Content by Clinical Guideline-based Decision-support Systems, (invited) presentation to IBM Research, Health Informatics & Analytics Study Group, Haifa, 26 June 2012.

Quaglioni, S. MobiGuide: Guiding Patient Anytime Everywhere, Invited talk at 24th European Medical Informatics Conference (MIE2012), Pisa, 26-29 August 2012.

9. Annex C: Bibliography: MobiGuide Publications Y2

Published or accepted for publication in Y2:

Arturo Gonzalez-Ferrer, Mor Peleg, Bert Verhees, Jan-Marc Verlinden, and Carlos Marcos, Data Integration for Clinical Decision Support based on open EHR Archetypes and HL7 Virtual Medical Record. In: Richard Lenz, Silvia Miksch, Mor Peleg, David Riano, Manfred Reichert, Annette ten Teije (eds). Lecture Notes in Artificial Intelligence Vol. 7738. Process Support and Knowledge Representation in Health Care: BPM 2012 Joint Workshop ProHealth 2012/KR4HC 2012, Tallinn, Estonia, September 2012, Revised Selected Papers. Springer-Verlag Berlin Heidelberg 2013. [*updated in Y2 when the book version was published*]

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E. Caballero Ruiz, G. García-Sáez, M. Rigla Cros, B. Pons Pons, I. Martínez-Sarriegui, E.J. Gómez, M.E. Hernando, Personalized decision support for guiding women with gestational diabetes: automatic blood glucose classification. 6th International Conference on Advanced Technologies & Treatments for Diabetes, Paris, France, February 27 - March 2, 2013.

Lucia Sacchi, Adi Fux, Carlo Napolitano, Silvia Panzarasa, Mor Peleg, Silvana Quaglini, Erez Shalom, Pnina Soffer, Paolo Tormene. Patient-tailored Workflow Patterns from Clinical Practice Guidelines Recommendations, Medinfo, Copenhagen, Denmark, August 20-23, 2013

N. Larburu, I. Widya, R. G. A. Bults, H. Hermens, and C. Napolitano, Early Phase Telemedicine Requirements Elicitation in Collaboration with Medical Practitioners, IEEE conference Requirements Engineering, Rio de Janeiro, Brasil, July 15-19 2013.

Anne-Lyse Minard, Katharina Kaiser, Supporting Computer-Interpretable Guidelines' Modeling by Automatically Classifying Clinical Actions, Joint International Workshop KR4HC/ProHealth Workshop, Murcia, Spain, June 1, 2013.

Mor Peleg, Tom Broens, Arturo González-Ferrer, Erez Shalom. Architecture for a Ubiquitous Context-aware Clinical Guidance System for Patients and Care Providers. Joint International Workshop KR4HC/ProHealth Workshop, Murcia, Spain, June 1, 2013.

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Adi Fux, Mor Peleg, Pnina Soffer, Sagit Zolotov, Eddy Karnieli. Adding personal knowledge to clinical guidelines for improving chronic treatment and compliance. Letter (in Hebrew) to the Editor of Harefua - Israel Medical Association Newspaper (medical journal published by the Israeli Medical Association), accepted for publication.

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G. García-Sáez, M. Rigla, I. Martínez-Sarriegui, E. Shalom, M. Peleg, T. Broends, B. Pons, E. Caballero, E. J. Gómez, M. E. Hernando. Patient-oriented clinical guidelines for mobile decision support in gestational diabetes, Submitted to Journal of Diabetes Technology - Special symposium on telemedicine,

V.M. Jones, I. Widya, R.G.A. Bults, N. L. S. Fung, N. Larburu, T. Broens, R.Batista, H. Hermens, Mobile health monitoring augmented with real-time personalized evidence-based clinical decision support. Journal article submitted to special issue of Artificial Intelligence in Medicine (AIIM) on Medical Data Streams, Elsevier.

10. Annex D: Bibliography: MobiGuide Publications Y3

Published in Y3:

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Arturo González-Ferrer, Mor Peleg, Enea Parimbelli, Erez Shalom, Carlos Marcos, Guy Klebanov, Iñaki Martínez-Sarriegui, Nick Lik San Fung, Tom Broens. Use of the Virtual Medical Record Data Model for Communication among Components of a Distributed Decision-support System. International Conference on Biomedical & Health Informatics (BHI), 1-4 June 2014 (Valencia, Spain).

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