





Una manera de hacer Europa



The implementation of mobility services in the social-health and care environment at the Community of Madrid. Agency for the Digital Administration of the Madrid Regional Government (MADRID DIGITAL)

Programa Operativo de Madrid

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Fondo Europeo de Desarrollo Regional

It is presented as a good practice The implementation of mobility services in the social-health and care environment at the Community of Madrid.

The objective of the operation is the development and implementation of systems and applications that will allow healthcare professionals to quickly and efficiently access the Patient's Clinical History and the Resident's Social History in any of the hospitals and residential units.

To accomplish this objective, the Public Entity Agency for the Digital Administration of the Madrid Regional Government (MADRID DIGITAL) will install the communications infrastructures at public hospitals and residences, will distribute mobile devices that provide access to the patients clinical history, will establish an administration system of the aforementioned mobile devices and, in collaboration with the Regional Departments of Health and Social Policies, will develop the necessary mobile applications.

The **impact** of the operation can be figured out by the population covered by basic health services of the Regional Health Service: more than 3,000,000 people in services in hospitals and residences in the Community of Madrid. These services have more than 15,000 beds. That means a coverage of more than half of the population served by the Madrid Health Service.

This operation will improve the quality of the social-health services that are provided to the citizens in hospitals and in residences for the elderly and for mentally handicapped people of the Community of Madrid.

The operation that is presented as a good practice has a total public cost of \in 5,515,384, with the amount eligible for \in 5,182,996 and ERDF assistance of \in 2,591,498.

The following figure shows hospitals on which it acts:

Centros Hospitalarios



This operation is considered as good practice at it meets the following criteria:

The action has been conveniently spread among the beneficiaries and the general public:

This section reflects a set of communication actions that enable compliance with the objectives set out in the dissemination of European Union funding through the European Regional Development Fund (ERDF). In all cases, co-financing by the European Union through the ERDF is reported.

Portals of Madrid Regional Government





Portals of Hospitals



Commemorative plaques, posters and billboards in the different locations easily visible by the citizens, such as the Main Entrance, the General Emergencies and the Gynaecological and Paediatrics Emergencies areas.

Attached are the informative posters that have been prepared for their exhibition in the places mentioned. Also

attached are photographs of these posters in some of the hospitals that are the object of the operation.



Hospital Universitario de Getafe



Hospital Universitario de Fuenlabrada:



Hospital Universitario Infanta Sofía:



Hospital Universitario La Paz:



Web and social networks









News at Press





The performance incorporates innovative elements:

One of most important innovations offered is the possibility to automatically incorporate certain medical information (via wireless-wifi) from the patient's bed to his electronic medical record, reducing the waste of paper and reinforcing patient safety by avoiding clinical data transcription errors.

This operation includes the development of Apps to be deployed in mobile devices. Professionals can obtain direct benefit in their work, and so citizens in their stays in hospitals and social services institutions.

Adaptation of the results obtained to the established objectives:

It has been provided proffesional (mainly doctors and nurses) access to the clinical information, for their work activity. Besides, the traceability of equipment is achieved, using the wireless infrastructure (wifi) that is installed, facilitating the process of locating certain portable medical equipment.

Contribution to the resolution of a problem or weakness detected in the territorial scope of execution:

This operation arises to alleviate certain detected problems, for example, the lack of digitalization of processes such as the clinical history, which required to record patient data on paper, and then transcribe them in the information system, with the corresponding loss of time and the risk of human errors.

High degree of coverage on the population to which it is addressed:

The operation will be carried out in 20 public hospitals of the Madrid Health Service, that is, 54% of the total and influences on a population of 3,136,624 people, which represents 57.53% of the population covered by public hospitals in Madrid, a total of 5,949,952 people.

Likewise, the operation affects 38 residences for the elderly, institutions for the mentally disabled and occupational centres, which represents 76% of public institutions managed by the Madrid Social Affairs Agency

Consideration of the horizontal criteria of equal opportunities and non-discrimination, as well as social responsibility and environmental sustainability:

In the area of social responsibility and in economic, environmental and social terms, the significant reduction in the consumption of paper stands out from the point of view of the environment, by automating access to the clinical history through wireless devices. From the social point of view, the development of mobile applications contemplated in the operation will facilitate, for example, the improvement of the services provision to residents of the Madrid Social Affairs Agency. Finally, in the economic field, it is worth mentioning the improvement of the efficiencies involved in the integration of processes and their automation.

The implantation of WiFi in elderly residences will benefit especially to the group of older women, since they constitute a 74% of the beneficiaries of Services of Residential Attention in the Community of Madrid.

Synergies with other policies or instruments of public intervention:

There are synergies with the Healthcare Humanization Plan 2016-2019 of the Department of Health of the Madrid Regional Government, in its specific objective of gradually introducing new information and communication technologies to streamline procedures and procedures, contemplated in the Personal Information and Accompaniment Program.

It contributes to the fulfilment of the Digital Public Services Plan, which develops the Spanish Digital Agenda, supporting the achievement of objectives like the widespread of the exchange of health information within the National Health System. It also contributes to making available to users their own medical records through the Internet, exploiting the potential for savings and improving efficiency in healthcare.







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