

The SAMA App (*Safety Agenda Mobile App*)

Description

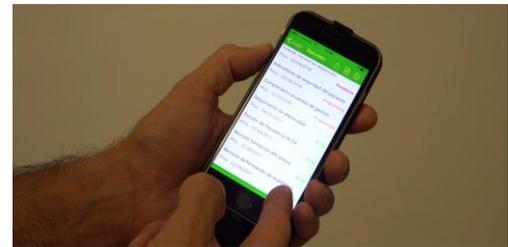
SAMA (Safety Agenda Mobile App) is an application for smartphones and tablets that identifies activities that should not be missed in programming patient safety in health centres. It is intended for managers or those responsible of hospitals and primary care, aims to be a support tool for daily maintenance of internationally recommended actions concerning patient safety, to possess an overview of their responsibilities and to manage and register interventions, expected carry out annually. This achieved a proper management of risks associated to health care such as preventing the impact of adverse events, which consist of an unintentional injury suffered by a patient in the course of health care.

The app is a dynamic agenda that includes a set of actions that need to be carried out in the centres, with the frequency and time of year to be performed. **SAMA** displays a list of recommended actions concerning patient safety organized by categories. Each action should be taken with a certain periodicity (quarterly, annually, etc.). The manager of the hospital should indicate the dates on which has been carried out every action, and the app records these data to maintain an updated list of scheduled tasks, performed and pending tasks.

Through the application, it is also possible to generate reports showing the level of compliance of the actions carried out by the centre recommended from this app, and enables to personalize the activities and tasks.

The usefulness of **SAMA**, which is already available in IOS, is consequently two-fold: on the one hand, provides an overview of the activities of those responsible for security throughout the year; on the other, can establish their own work plan adjusted to the needs of the manager, with reminders of dates, in addition to automatic reports of compliance and evolution.

Data entered in the app about the actions performed and reports generated are completely private: are not uploaded to any server and are not available externally. Additionally, the user can give their opinion on how this app works by taking a short survey before the use of the application and after a few months of use, which determines whether the application is valid as a support tool to improve management on patient safety.



Technical Advantages

Not to have an overview of the tasks to be performed on security is one of the main problems of the management team of a health centre. Thanks to its design, **SAMA** can face up these problems by providing a dynamic, flexible and substantiated structure that helps managers to conceptualize their responsibilities for patient safety and to place them in their work agenda.

The format of the agenda allows:

- To schedule the tasks in accordance with the patient safety plan of the own health centre and with the annual forecasts;
- To personalize the tasks and share activities with middle management centre staff;
- To edit a report of the activities, reflecting the level of commitment of the management and medical staff with patient safety;
- To face the time management, delegation of tasks and adequate input of all activities.

Thus, SAMA can help implement a positive and strong safety culture, in this case because it provides a set of actions to managers who are responsible for the proper management of inherent risks inherent to health care.

Status of technology development and intellectual property

Although, at the moment, **SAMA** is available for devices with IOS platform for its higher update rate, we intend to develop the Android version.

It can be downloaded for free at Appstore: <https://appsto.re/es/k6Oi8.i>, where apps follow a strict review process by Apple, assuring its quality. Thereby, its utility, functionality and proper operation has been have been checked and tested.

The ownership of the app rights belongs to the Foundation FISABIO and the Miguel Hernández University of Elche.

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