



eWard

The medical record that supports unit personnel

eWard for managing the patient's clinical data

eWard is the electronic medical record that supports medical and nursing personnel for managing treatment processes of the hospitalised patient.

eWard arises from the need to provide a tool for the **organised and structured management of data** concerning the patient's hospitalisation, one that ensures the support of clinical and treatment processes and at the same time optimising the patient's treatment by sharing and retrieving clinical data.

The solution provides all the tools to guarantee **management of the entire diagnostic-therapeutic-care** process of the patient in the unit that normally includes information on the clinical (medical history) and nursing assessment (recording of nursing needs), physical examination, integrated clinical diary (medical and nursing), reports of outpatient services and diagnostic-specialist tests (e.g. laboratory, pathological anatomy, radiology, etc.), management of nursing activities and management of the letter of discharge and various clinical/administrative documents related to the hospitalisation.

Native integration with the **eRequest** form of the **e4cure** suite lets the user **manage the request and planning of the services in an integrated manner** and it displays the respective work plans to the single operating units.

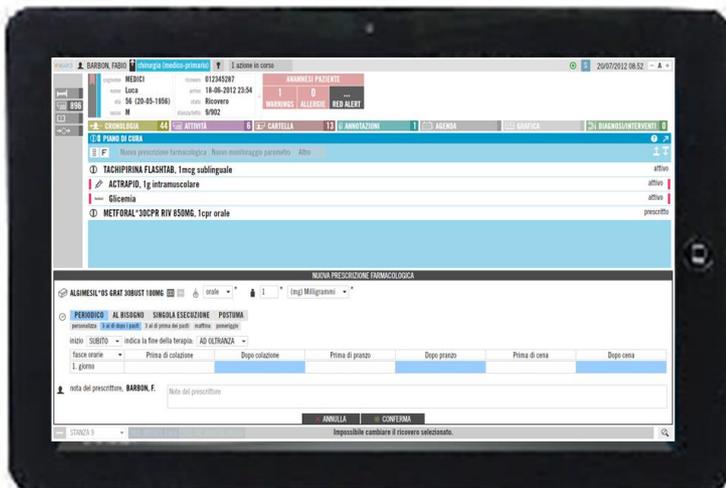
As the activities scheduled during hospitalisation are gradually performed, the **information returns** (reports, results, etc.) are acquired as parts of the event and contribute to the dynamic updating of the **patient record**.

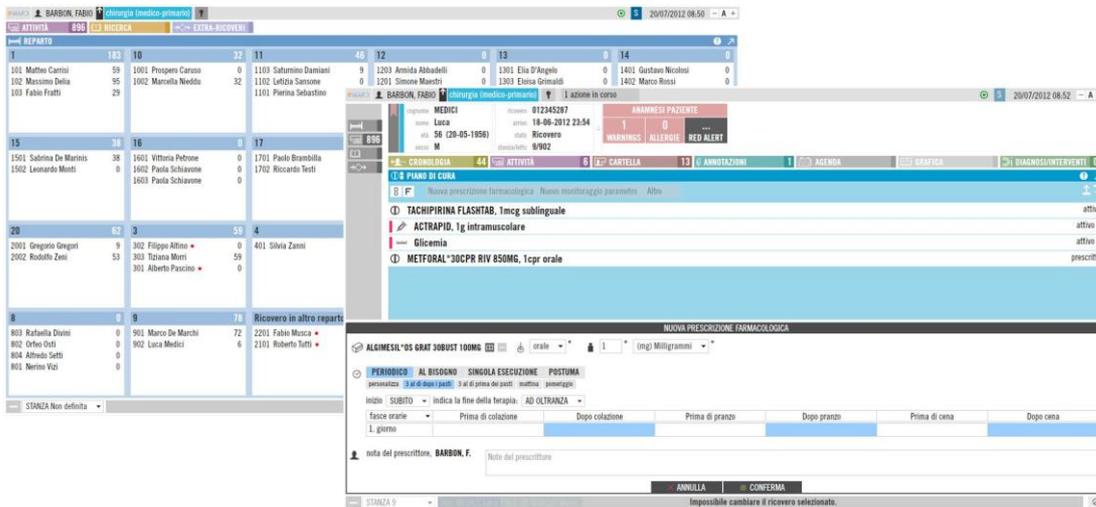
One medical record for each unit

eWard has been designed with the objective of providing a **single platform** at the health authority level able to meet the common requirements of all hospital units, and to **configure** and specialise itself according to the **specific needs of the units**.

The solution is therefore made up of a set of forms with a strong "business" characterisation (defining the therapeutic plan, managing administrations, nursing diary, etc.) and a set of forms that can be adapted to the discipline in which they are used.

The solution was developed for this specific peculiarity using the Exprivia proprietary product **Form Manager**. It is an interactive and extremely powerful tool for creating clinical specialisations that allows you to interactively design clinical documentation at the time of hospitalisation (physical examination, nursing records and letter of discharge), with sophisticated levels of specialisation and outstanding flexibility. The advantage of using the Form Manager component for designing clinical documents is the creation of a next-generation solution with a **rich and intuitive interface**.





The eWard workspace provides the health professional with an environment where he can organise his work and browse the list of admitted patients. The workspace is created in patient-centric mode and provides the health professional with an environment where he can manage the supply of healthcare to the single patient.

eWard: the tool for mitigating clinical risk

- The Steps Left (or check-list) criterion is used when filling in the patient's treatment plan in order to focus on the principle of minimizing clinical drug risk, known in international literature as the **Rule of the 6 R**: Right patient, Right drug, Right dose, Right route, Right time of administration and Right length of time.
- Continuous display on the screen of the **immediate patient identification data**.
- **Continuous display on the screen of the prescription check-list**: Drug, Dose-Route-Time-Length of administration and, as an additional enforcement, request that the physician explicitly confirms each of the "R".
- **Display of the dose and route of administration directly in the drug's data**: these data can be used to automatically set the dose and route of administration of the prescription so as to manage the clinical risk.
- Use of **Clinical Push** technology to update the clinical data. All changes made by a workstation are propagated in real time to all the other clients without the need to manually update the work pages.
- Use of the **clinical warning** supplements the ongoing treatment project for the patient with information such as his drug allergies, the presence of chronic diseases and the interactions between the active ingredients encoded in the pharmaceutical codices.

Ergonomics and ease of use

eWard was designed to become the daily work tool of the unit. Conceived as a **very user friendly** workspace, it is based on a summary of the data and information that is most important for clinical risk.

eWard ensures marked **intuitiveness** in all its scenarios of use, whether during mobility or at the patient's bedside, and uses mobile devices such as **tablets and PCs**, or in the doctor's office inside the unit with the possibility to use high-resolution monitors able to display a wide range of information (analyses and medical strategy with clinical decision-making support).

For compiling data **during the patient interview** (medical history, physical examination and nursing assessment), planning treatments and filling in diaries, eWard can be used from a **fixed work station** that allows the user to easily browse through the pharmaceutical codex and access clinical documentation available on the patient.

When administering drugs and tracking vital signs, eWard supports health professionals by means of **portable work stations** that are best suited to the job of nursing, which is typically delivered on site or at the patient's bedside.

The software eWard - eFolder 2.1 CE, and subsequent releases, is a certified Medical Device (93/42/CEE) of class I.