# PATIENT MANAGER

Last generation system for clinical data management

## PRACTICE MANAGEMENT SOFTWARE & ELECTRONIC MEDICAL RECORDS

**Patient Manager is a complete solution, designed to work in an individual or network based environment. It includes the optimum storage and management of the medical information (using specific instruments: interactive Questionnaires, Patient File…), the efficient management of Contacts, Documents, Tasks or Events, the specific management and scheduling functionalities for Consultations.**

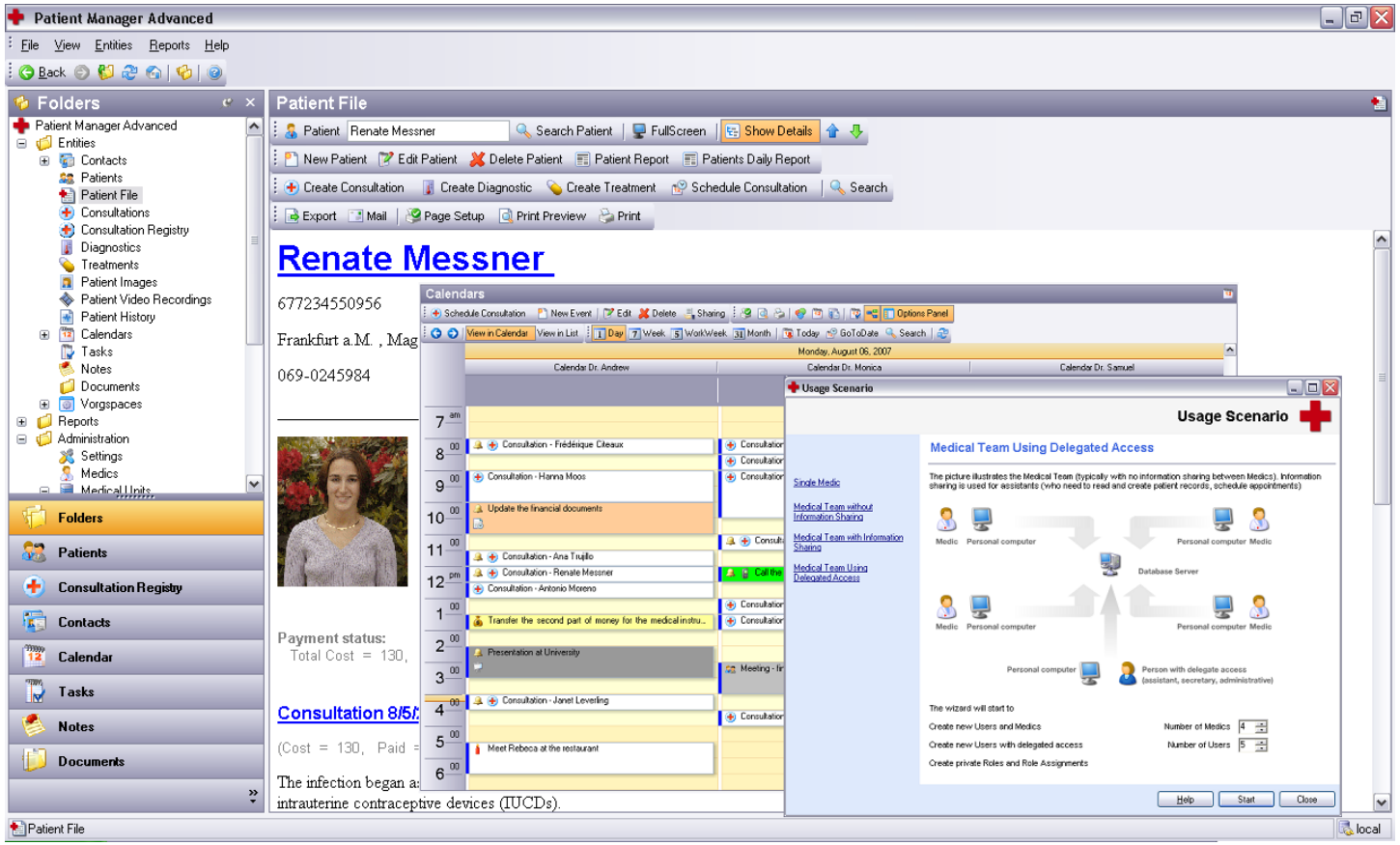
# **Patient Manager** - maximum of functionalities in a more than friendly user interface

The main objective of the **Patient Manager** application is to promote the electronic format as a modern and efficient solution for anything means support of the medical activity.

**Patient Manager** wants to be a really useful instrument for any physician and for the whole medical personnel, providing maximum of functionalities in a user friendly way, based on the specific standardized instruments (International Classification of Diseases - ICD10).

Starting from individual medical cabinets and going to complex medical clinics and hospitals, the **Patient Manager** application makes the management of different types of entities to be a comfortable activity.

The **Patient Managert** application can be used locally (on a single machine) by one or many physicians, but also in a network based environment, with a central database, based on an advanced security system.

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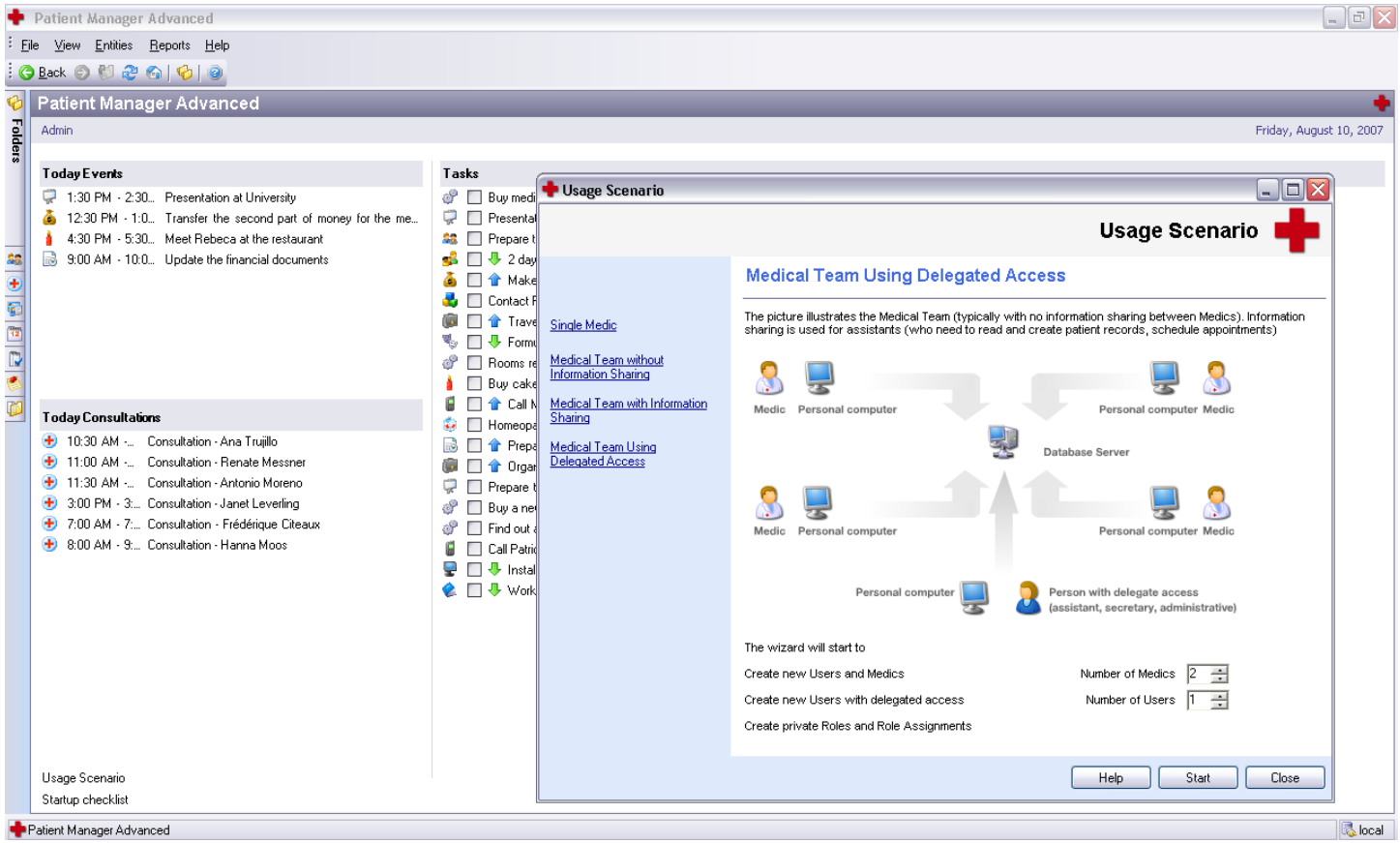
# **Predefined Usage Scenario** – for a system configuration with a minimum of operations

**Patient Manager** wants to reduce as much as possible the complicated operations that precede the effective usage phase of an application.

Thus, **Patient Manager** offers the possibility to choose the particular context how the medical team needs to use it:

- *Single Medic* – only one user (Medic) will access the application within a medical cabinet.
- *Medical Team without Information Sharing* – the medical information are kept in a central database, but every medic accesses only his own data.
- *Medical Team with Information Sharing* – the medical information are kept in a central database, shared between the medical team members.
- *Medical Team Using Delegated Access* – central database, multiple Medics accounts and special Medical Assistant (or Secretary) accounts.

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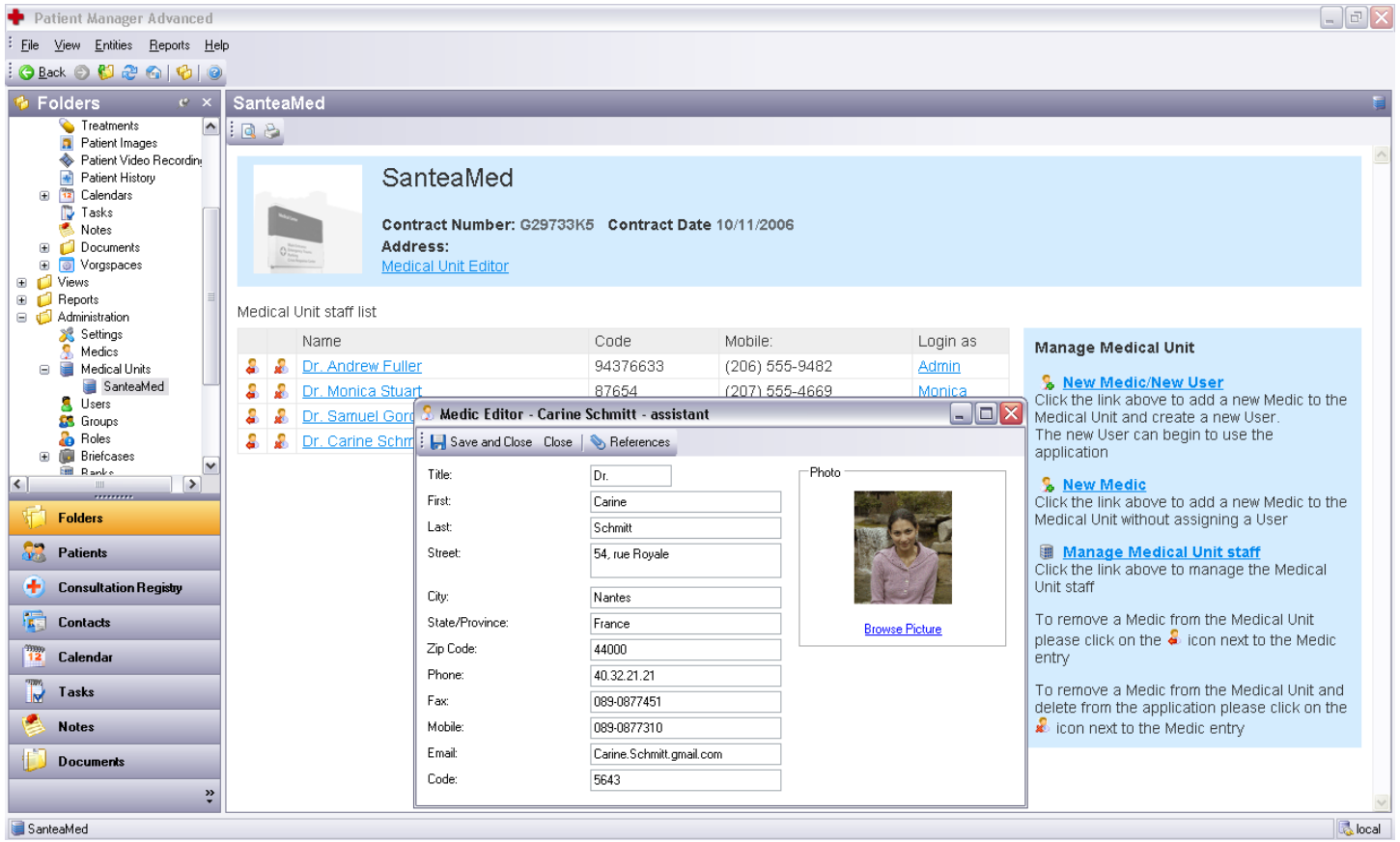
# **The management of 'Medic' accounts** – easy to input and access Medics' particular information, grouped in Medical Unit entities

The **Patient Manager** application provides the possibility to specify , to save and to access a complete set of specific information that define the **Medic** entities.

The defined **Medic** accounts will access personal (private) information as well as shared information, like Patients, Documents, Consultations, Appointments, and so on. The executed Medical services will be always stored for the **Medic** account currently logged into the Patient Manager system.

A **Medic** is part of one or many **Medical Units**. There are specific information that are stored at **Medical Unit** level.

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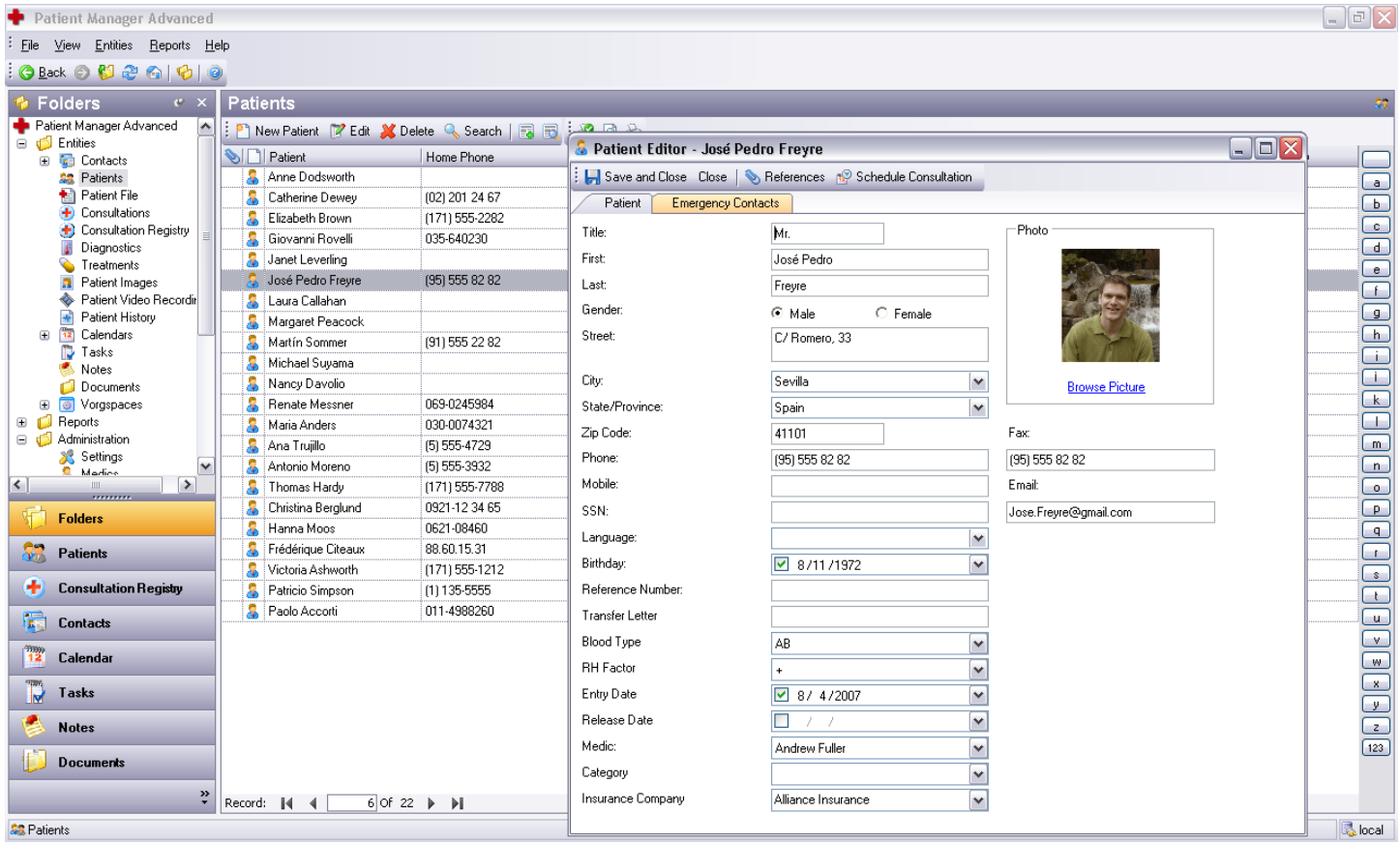
# Complete set of functionalities for an **efficient Patients Management**

The set of information that the **Patient Manager** application allows to be defined and accessed at **Patient** level, is a complex one.

There are available advanced Filter and Search operations, based on complex Filter and Search conditions, defined for the fields belonging to the **Patient** entities.

At **Patient** entities level can be executed predefined Reports, as well as User Defined Reports.

Every **Patient** can have attached Documents of different types, as well as Images and Videos created with Media Devices connected to the computer.

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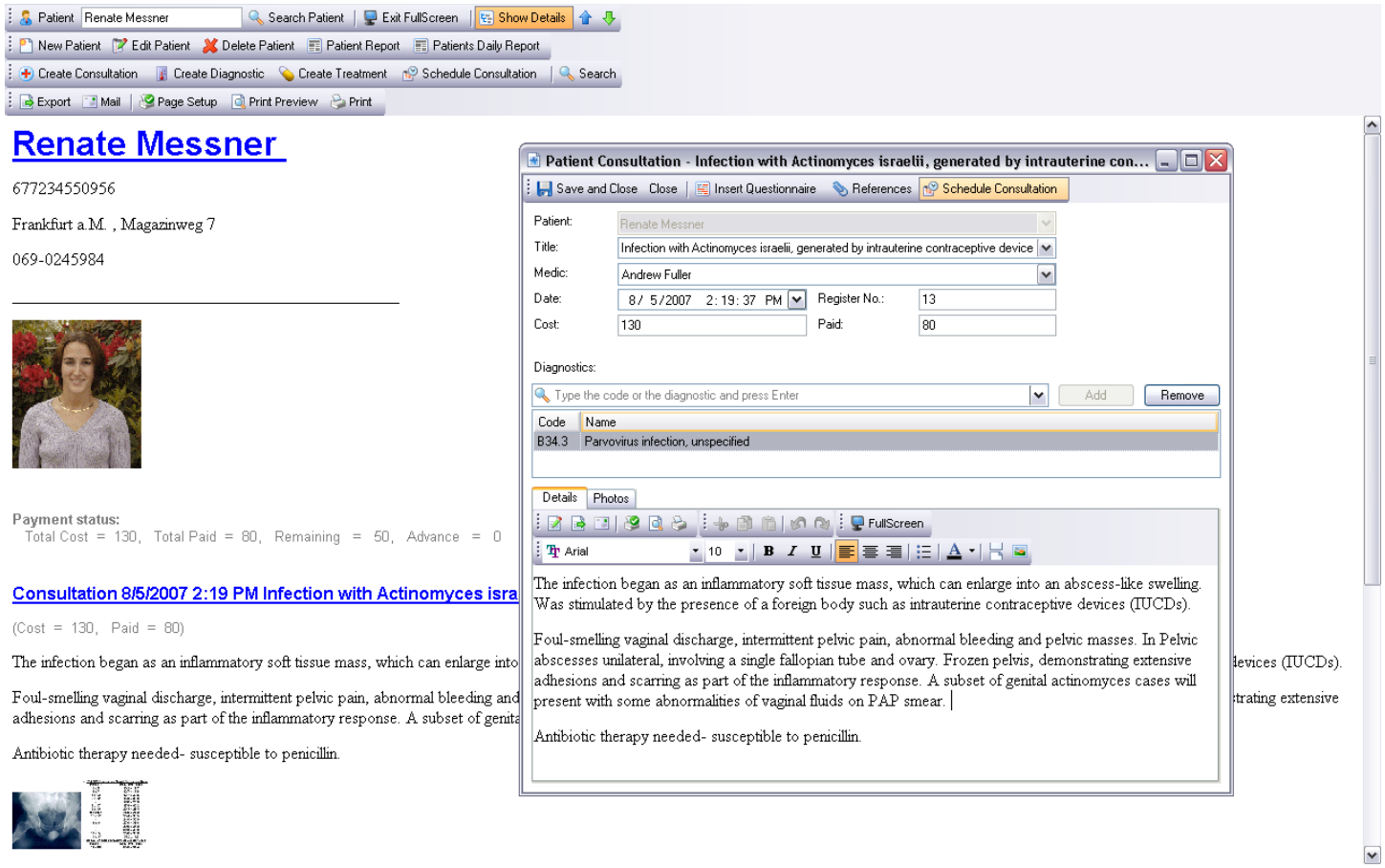
# **Patient File** – a modern instrument for the grouped management of Patient's clinical data

The **Patient File** is a modern, useful and extremely powerful tool, providing to the medical personnel the possibility to work in a similar way as working with paper files, but also taking the full benefits of working in an advanced software environment:

- The full patient's history at once
- Add or edit with just one click consultations, treatments, diagnostics, questionnaires
- Manage pictures and films together with texts
- Advanced searches
- Instantly retrieve patients
- Generate advanced reports
- Customizable print functionality;
- All the recorded medical history items (consultations, treatments, diagnostics) are displayed sorted chronologically.

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# **Calendars** – schedule and track easily Consultations and many other Events

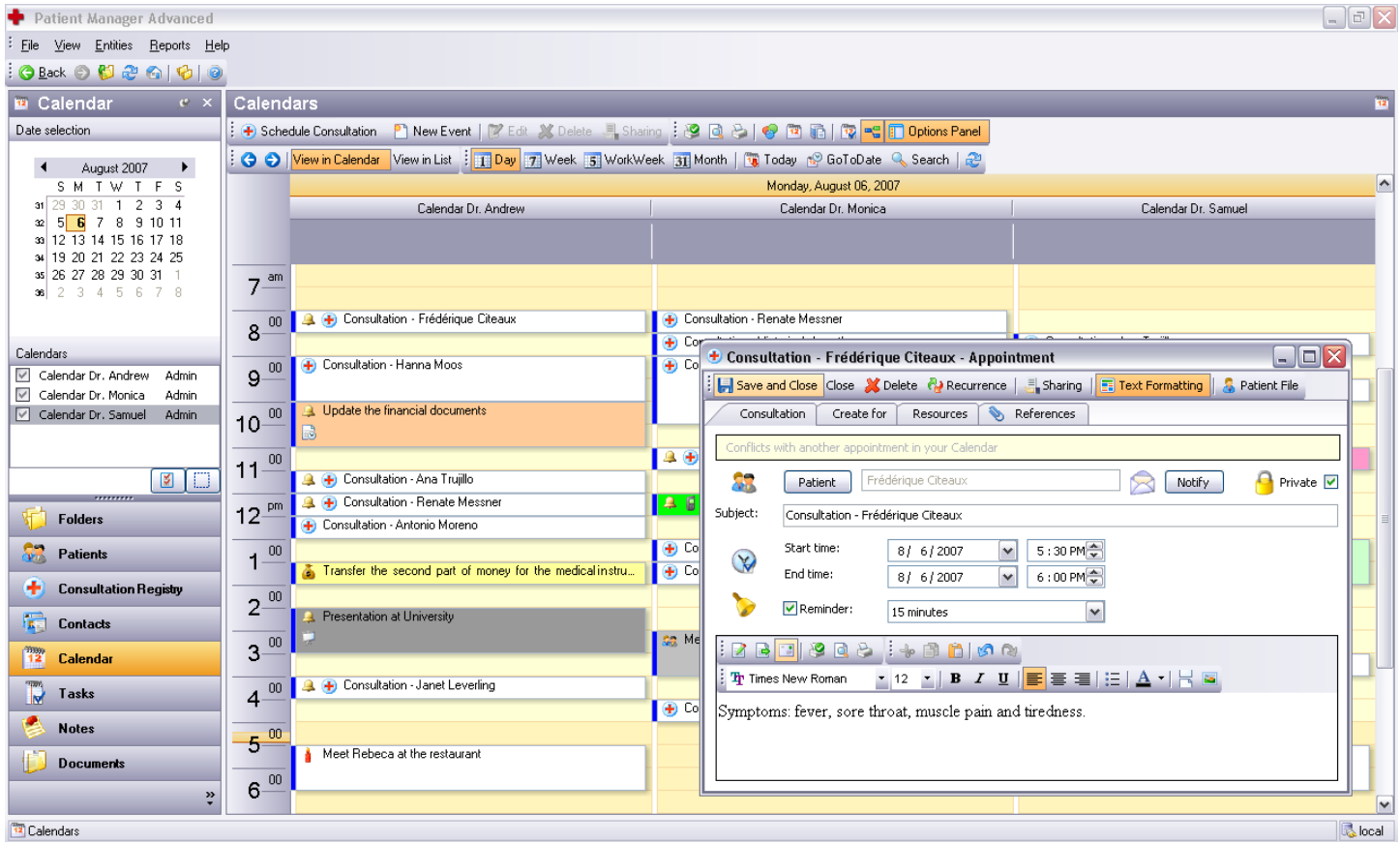
Every Medic can own one or many **Calendars**. Also, every Medic can access his **Calendars** as well as the **Calendars** shared by other Medics.

It is possible to combine the Consultations' scheduling with scheduling of other types of Events (meetings, phone calls, presentations…) within a single **Calendar**, or these can be placed and managed separately, in different **Calendars**.

The Consultations and the Events can be scheduled by Secretary too, the Medic being able to check his **Calendars** any time he wants.

It is possible to attach Resources (rooms, medical instruments, medical personnel) and any other Documents from database, to the scheduled **Consultations** and **Event.**

All the **Consultations** and **Events** accept recurring executions and visual Notifications with a time interval before execution.

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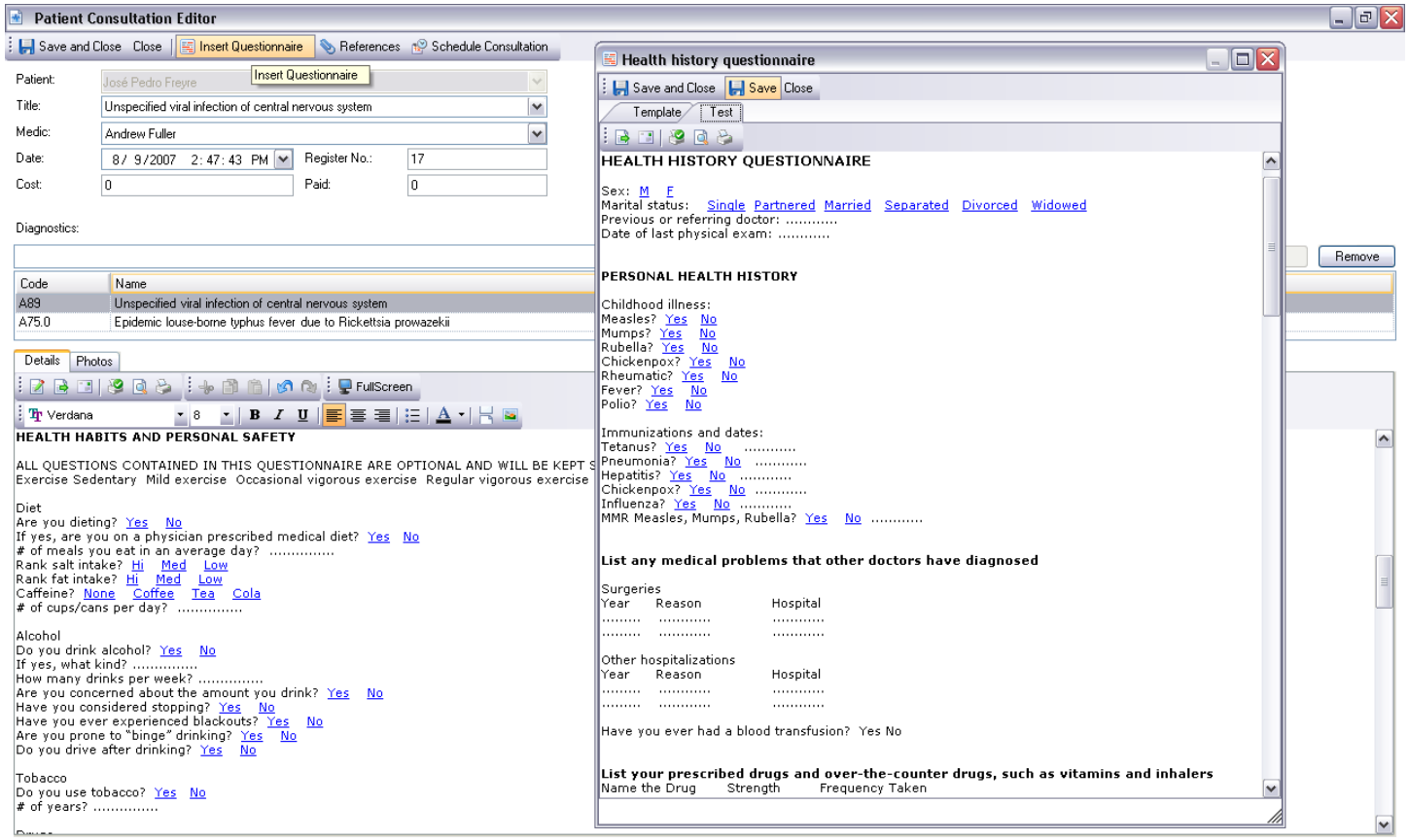
# **Questionnaires** – input fast and easy medical information

**Questionnaires** are a fast way of building and storing into the database complex medical information, without having to actually type text. The completion of a **Questionnaire** can be done by simply clicking the questionnaire links in the rich text.

The source of any **Questionnaire** is a **Questionnaires Template**. These define the rich text and the questionnaire links.

The Medics can use the predefined set of **Questionnaires** or can build and use their own **Questionnaires**.

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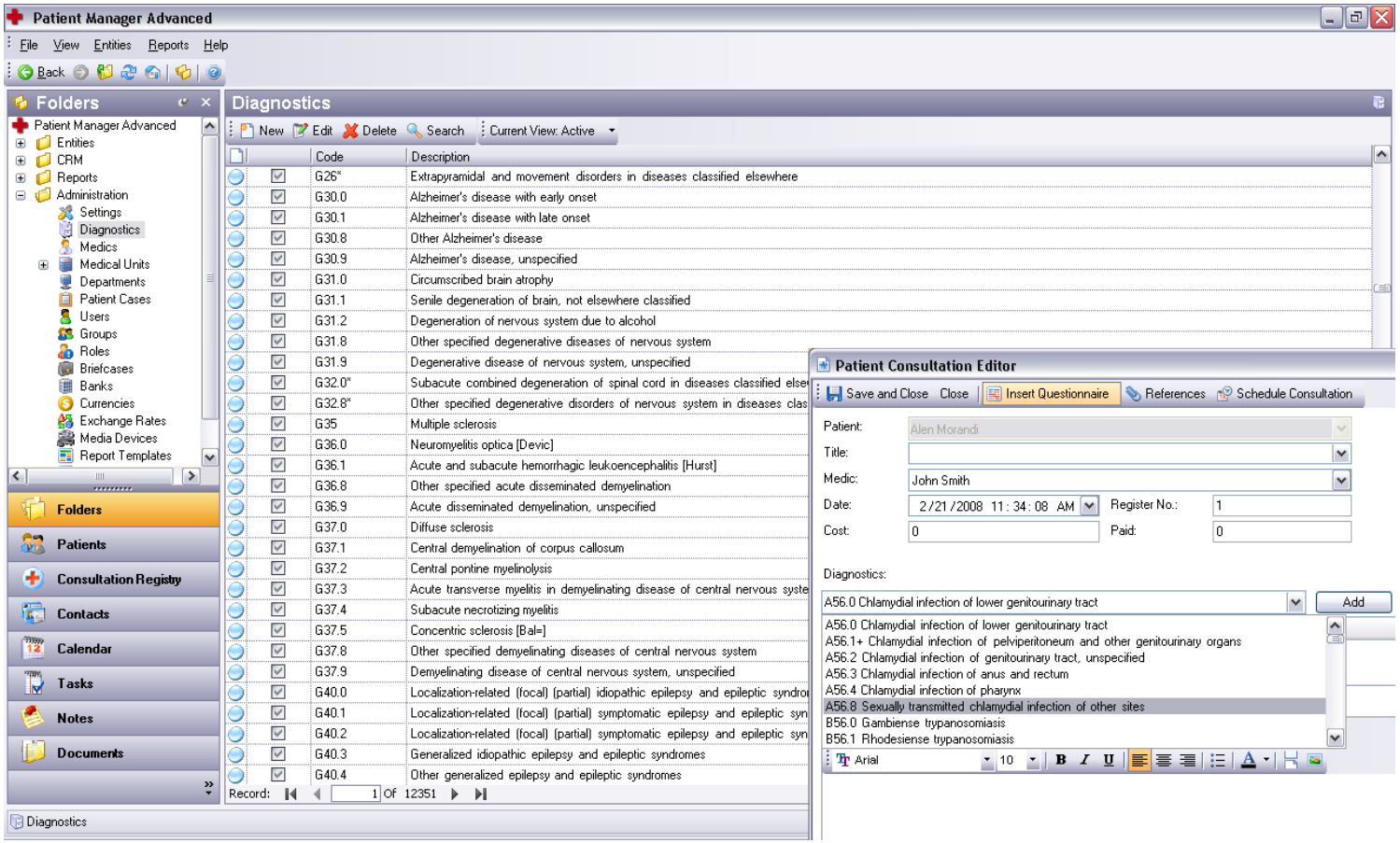
# **International Classification of Diseases (ICD10)** – for a better usability, for medical error reduction

**ICD-10** is definitely improving the capture of healthcare information and brings any hospital / medical clinic in step with coding systems worldwide.

Once **ICD-10** is implemented, the trend of deteriorating health data is reversing to allow the healthcare industry to accommodate a robust 21st century classification system.

Starting from these premises, the **Patient Manager** product provides the medical personnel with the full set of diseases in the **ICD10** format, with a very accessible Diagnostics integration at Consultation level and with useful Diagnostics management instruments.

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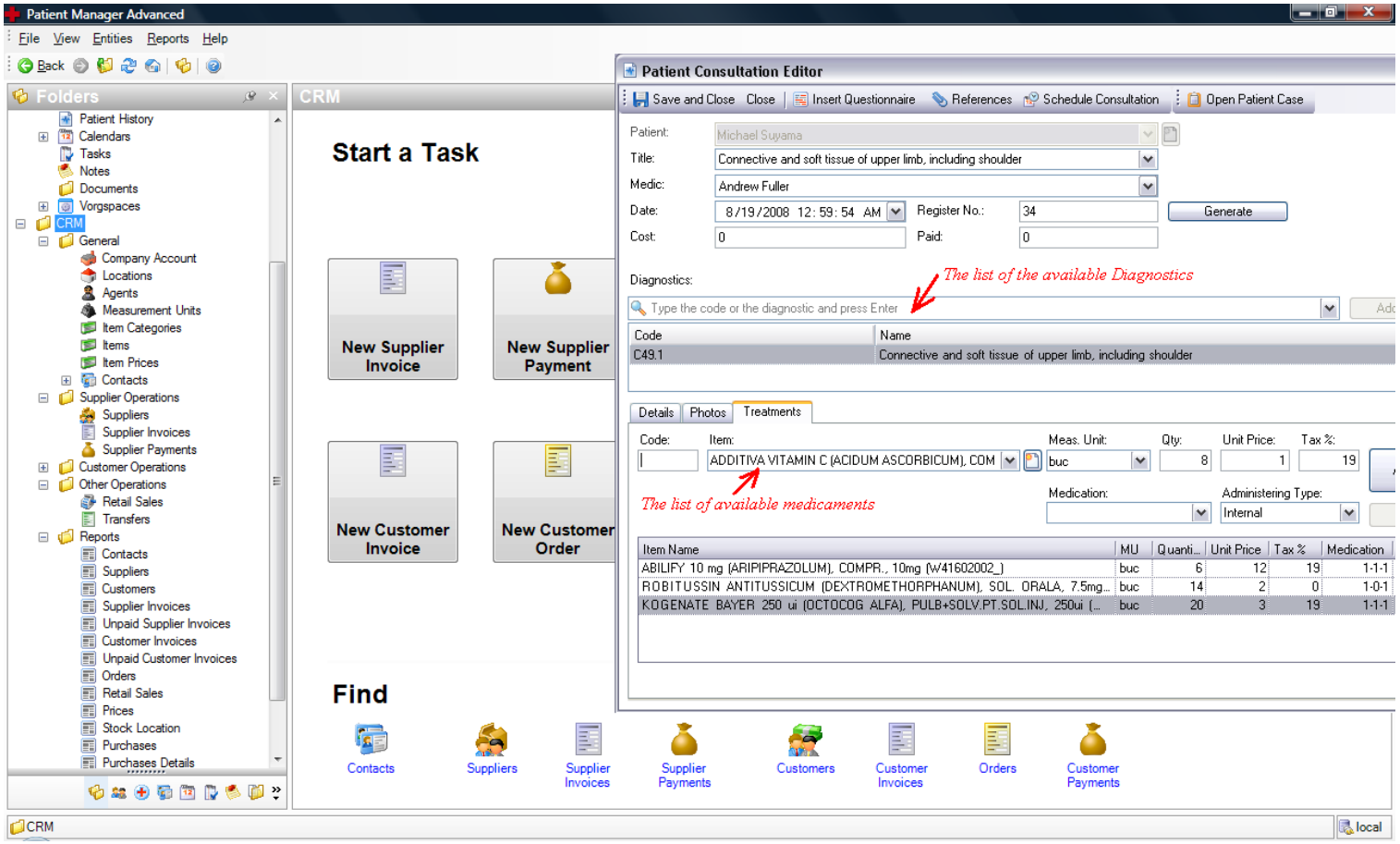
# Medical Billing software, integrated Financial and Inventory System

Keep track of your services, with the billing facilities included in each Electronic Medical Record. Besides tracking the financial status with the patients, you can issue Invoices and receive payments for one or multiple Medical Records.

Manage your Suppliers and Stocks with the integrated inventory tracking systems. Receive and record Invoices and generate Payments of different types. Print or Export to PDF the financial reports of your business.

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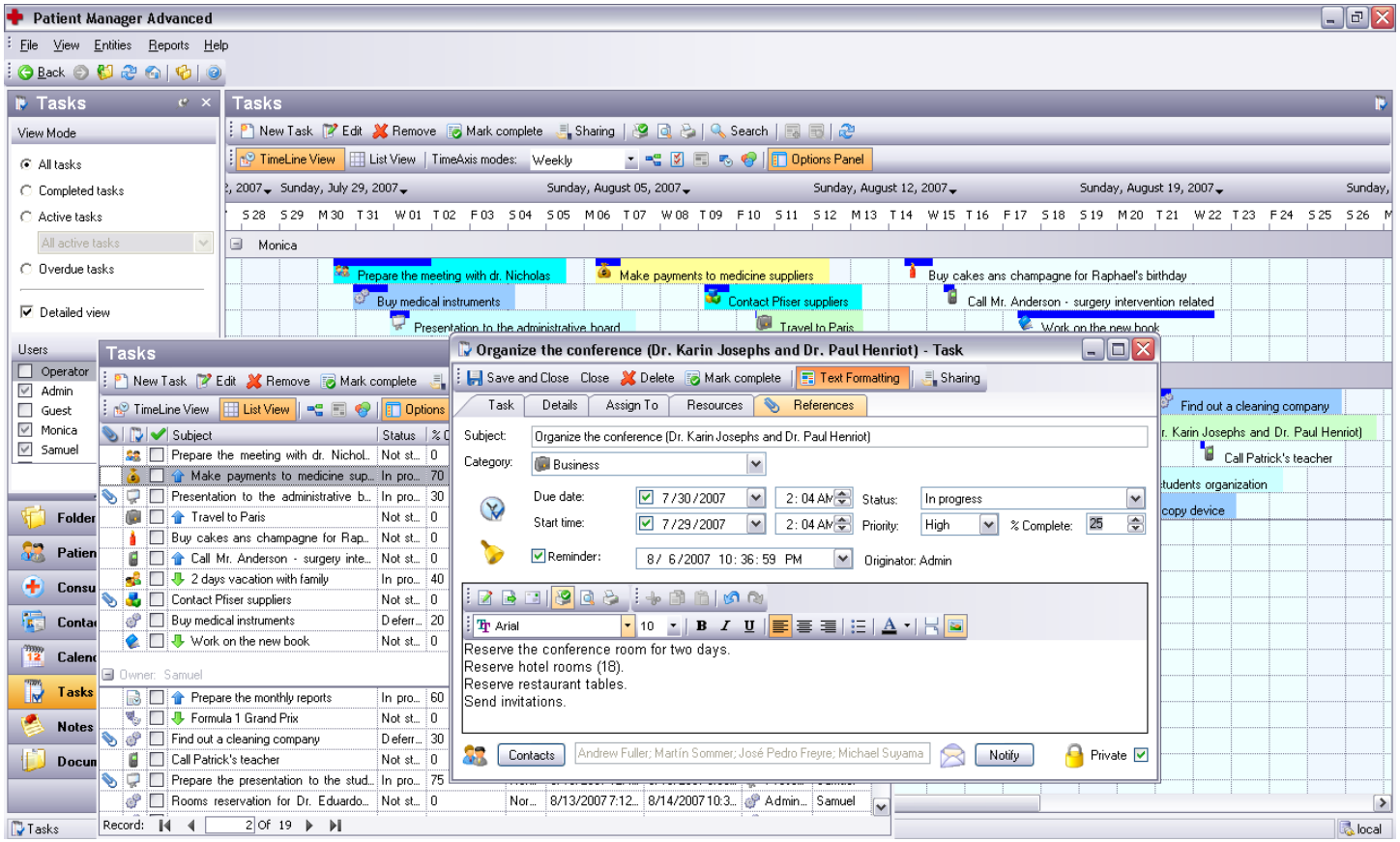
# **Tasks Management** – a professional way for planning and tracking progress of the Medical Team tasks

Tasks Management will help increase the overall business performance of the Medical Cabinet or Clinic, through an efficient planning and management process of the teamwork.

Based on the assigned Rights within the Patient Manager system, the logged in User (Medic or Assistant / Secretary) can create public or private Tasks and can assign them to one or many other Users.

A Task can have allocated Resources (rooms, medical instruments, medical personnel…) and can have attached as many Documents as necessary.

The originators of Tasks can track the way how the tasks are executed, being able to reassign Tasks or to reallocate Resources.

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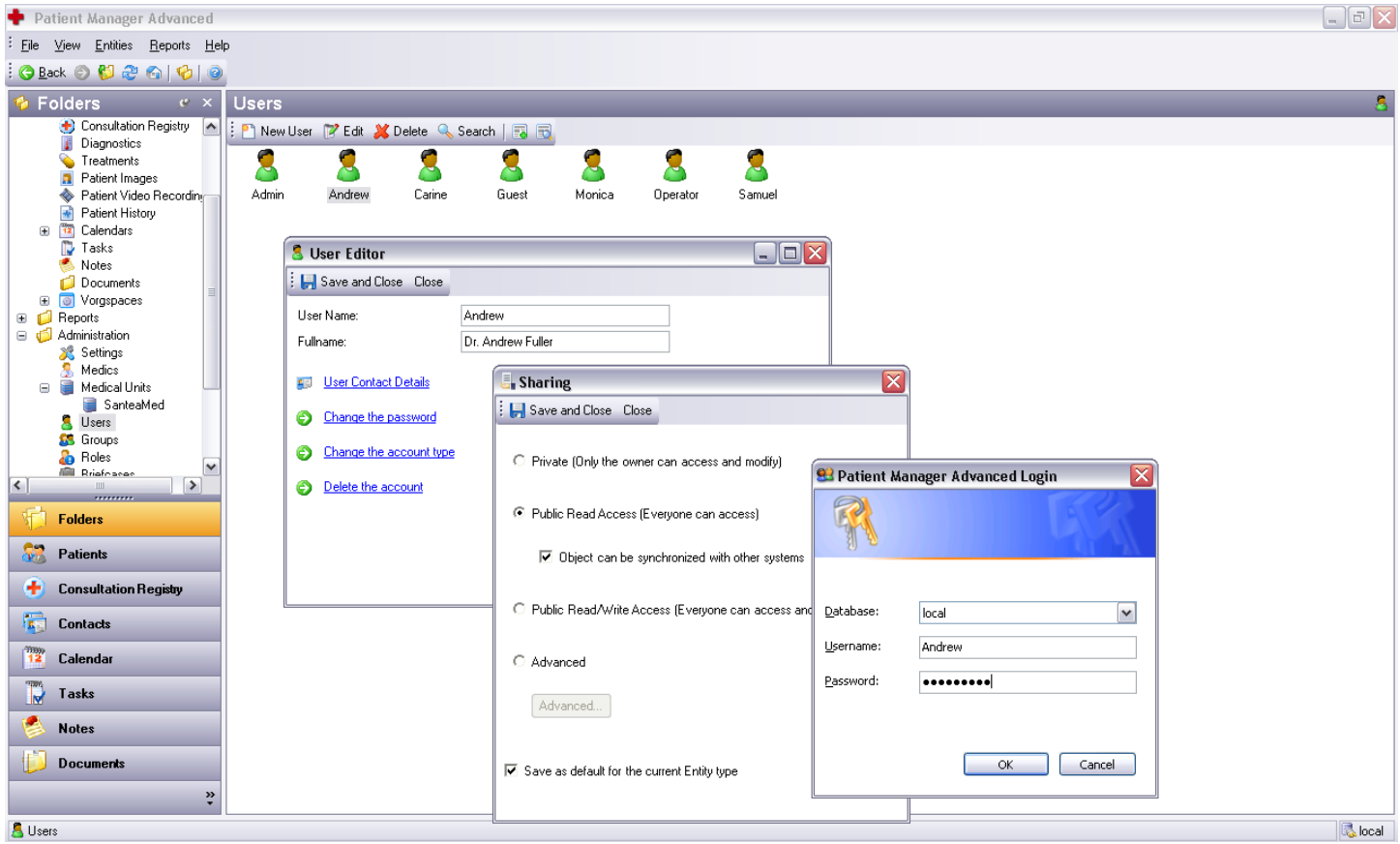
# **Advanced information security** – Role based access control system to stored data

The **Patient Manager** application benefits by an advanced Authorization system, based on Roles assigned to the Users defined at application level.

The concepts that represents the base of the Patient Manager security system are: User, Group of Users, Role, Authentication and Authorization.

The access into the Patient Manager system is made using a User Name and a Password.

Once logged in, the User can access the objects from the database depending on the User's rights within the system, and also based on rights asked / expected by the creator of the object at the accessed object level.

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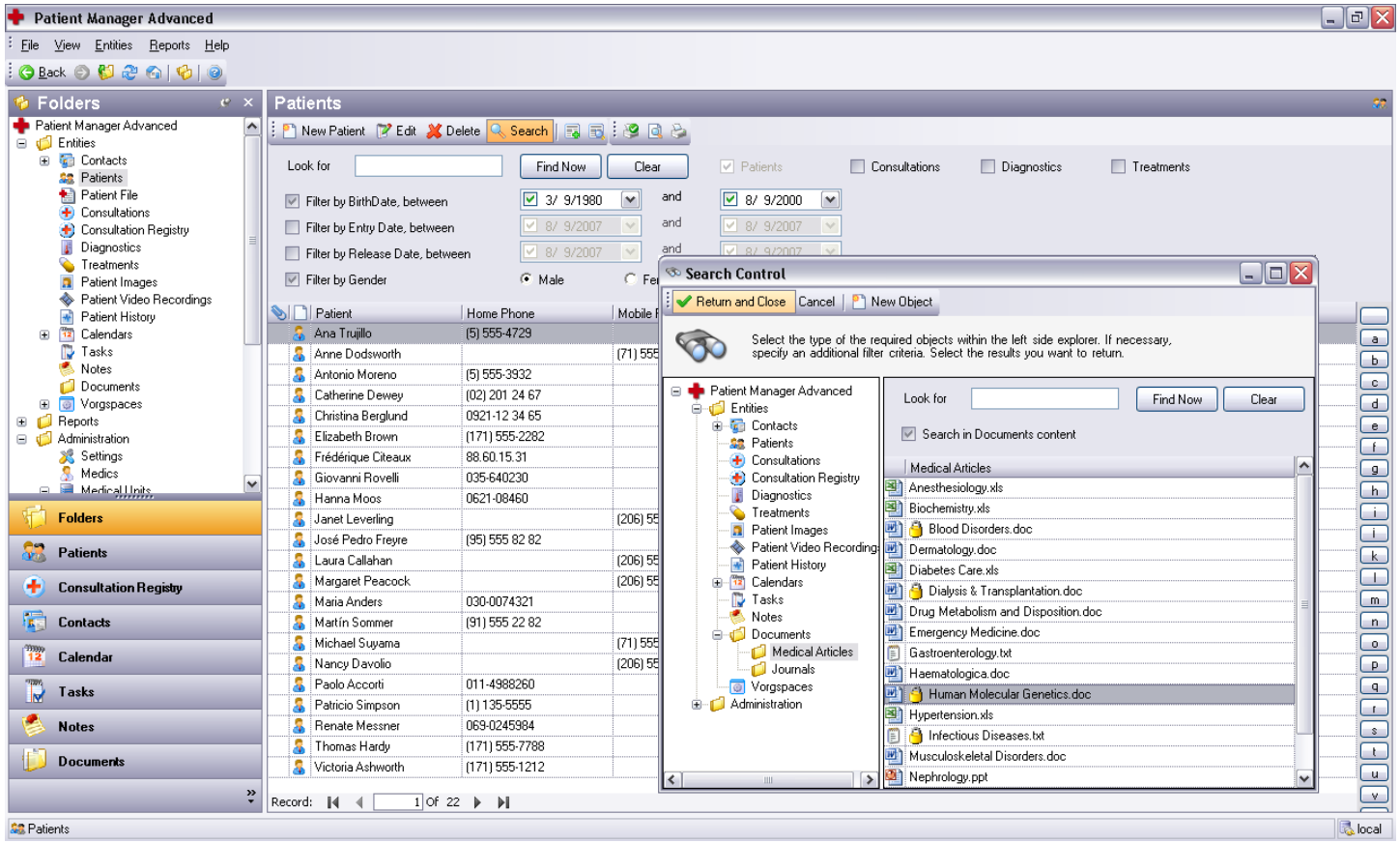
# **Advanced searches and filters** – for easy, elegant and rapid objects access operations

All types of objects from the **Patient Manager** system support defining filters and search criteria, reducing in a considerable manner the times required to find out (to access) the information stored into the Patient Manager database.

There are available advanced searches based on texts (the specified sequences of characters or sequences of words will be searched through all the fields of text type), as well as particular search conditions defined for a specific type of objects (e.g. Age, Gender, Birth Date, Entry Date for Patients…)

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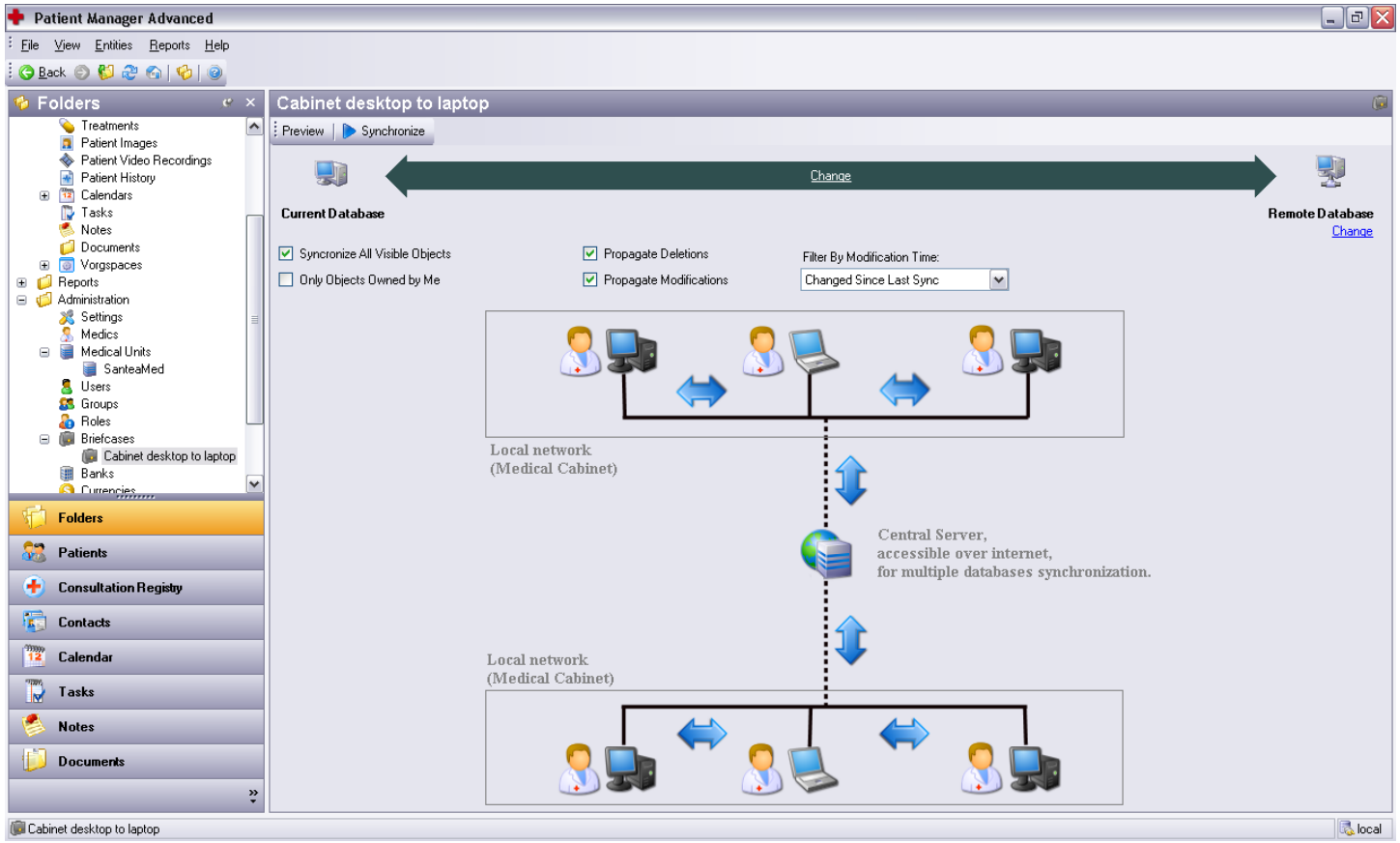
# **Briefcases – databases synchronization** – confers a mobile and flexible character to the medical activity, without neglecting the data consistency

**Briefcases** (databases synchronizations) allows Medical Cabinets with a wide distribution to have always the same database content, to work always on an actualized set of medical information about their Patients.

Also, a common scenario is when a Medic works at a Medical Cabinet on a desktop computer, but in the afternoon he will need to continue his work on a laptop, at home or at another Medical Cabinet. For him, it is absolutely useful to be able to synchronize the database from the desktop computer with the database from the laptop, to have always actualized the both databases.

Briefcases can help the Medics to synchronize, copy, and maintain objects or folders of objects between their databases. A Briefcase synchronizes the objects in folders of Medic's choosing or everything visible in the database. It does so by copying, renaming, and deleting objects.

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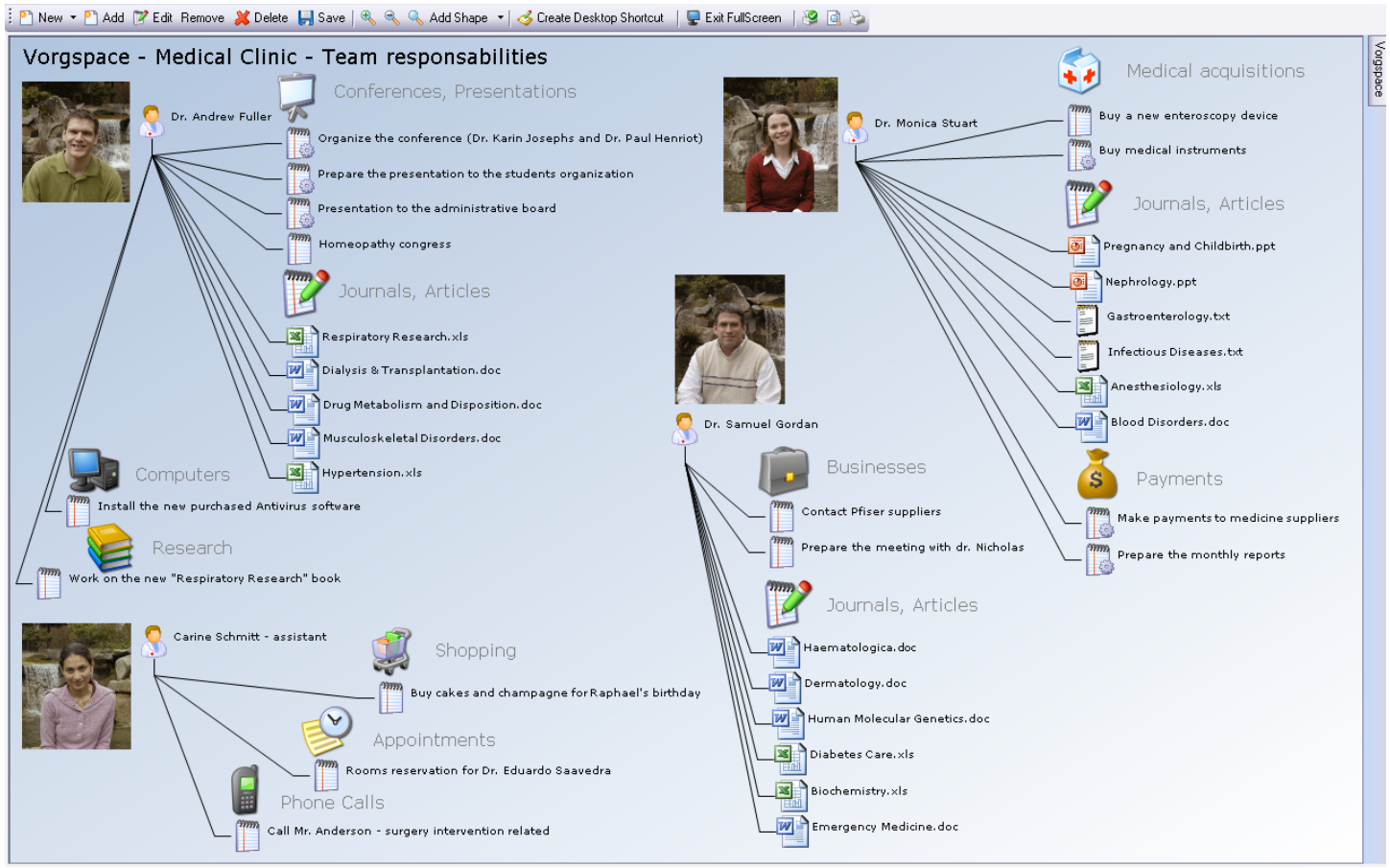
# **Vorgspaces** – a collaborative workspace, where the whole activity of an organization can be organized

Within a **Vorgspace** the User can organize the whole activity of an organization, combining in an elegant manner objects of different types.

A **Vorgspace** is a collaborative workspace or shared workspace in which all the participants can access and interact with objects as inside a single entity, allowing several concurrent users to create and manage information.

**Vorgspaces** are displayed in a diagram like user interface. Users can place objects in the workspace easily via toolbar commands or by the search control (double clicking in the workspace). Also can add images from hard drive and labels.

You can show relations with connectors and lay out a new organization chart or connect ideas, the possible uses are limitless.

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# **Media Devices** – attaching Images and Videos directly from the devices connected to the computer

The **Patient Manager** application provides the possibility to interact with **Media Devices** compatible with the Twain and DirectShow (DirectX) technologies, like **digital cameras**, **scanners**, **webcams**…

For example, in the dermatology sector, a Medic can easily attach to a Consultation images (photos) instantly made to the Patient, in order to track the evolution of the disease. With a **digital camera** connected to the computer, the Medic will be able to get directly from the **digital camera** the last realized images.

It is also possible to scan different types of documents and to load them directly into the **Patient Manager** database, in order to access or attach them later to any objects residing within the database.

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