

# eLifeCare

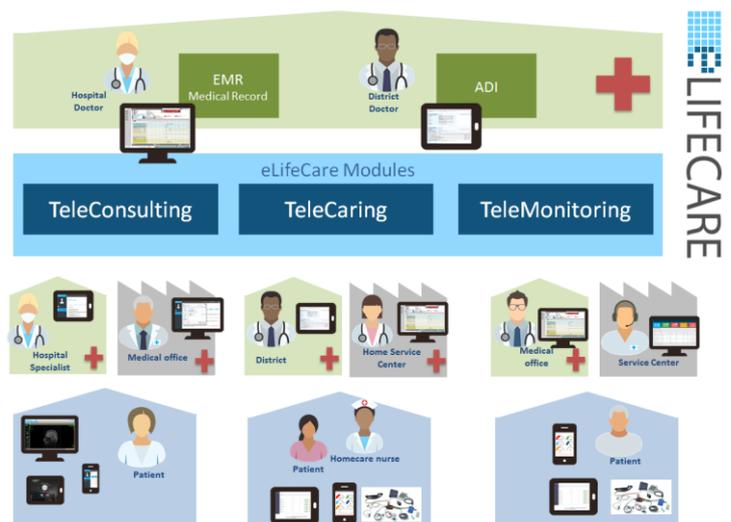
## Solutions and services for Telemedicine

**eLifeCare** is the Telemedicine platform that offers the set of solutions and services provided by Exprivia | Italtel for Teleconsulting, Telecaring and Telemonitoring to support all operators involved in the care and monitoring of patients in homecare. **eLifeCare** allows doctor-patient video communication in a simple and intuitive way, allows the acquisition and monitoring of vital parameters, simplifies the exchange of clinical information, documents and diagnostic images necessary for patient care and monitoring.

The **eLifeCare** platform revolutionizes the approach to patient homecare as it provides the technological infrastructures and all the services necessary for the complete and integrated management of assistance services, available and usable from tablets and smartphones, minimizing the need for patient movements while maintaining constant contact and control of their medical conditions.

The platform allows:

- the management of the patient's EMR;
- Televisit and Teleconsultation;
- Teleassistance provided by nurses (Telecaring);
- Telemonitoring of chronic or fragile patients.



**eLifeCare** takes up the challenge of the new Digital Healthcare which focuses on the patient, guaranteeing continuous services that improve the quality of life and at the same time help to contain the costs of healthcare companies and hospitals through the de-hospitalization of the patient.

### Areas of use

- The patient at home has an APP that allows video communication with a H24 Medical Center and with Medical Specialists.
- The APP available to the patient can integrate medical devices and wearable technologies for the detection of clinical parameters such as heart rate, blood pressure, temperature, blood oxygenation, blood glucose, and dangerous events such as the patient's fall.
- The patient is constantly monitored by an H24 Medical Center that intervenes as soon as the system detects out-of-threshold clinical parameters, activating Teleconsultation or Videoconsultation sessions with the specialists who are treating the patient.
- The platform makes patient information available to all those involved through the management of an online medical record (medical history, clinical diary, therapy, vital parameters, etc.).
- Furthermore, in the management of professional homecare activities, the platform supports the coordination of the assistants' activities on the territory, through mobile tools such as smartphones and tablets integrated with the medical devices for the detection of vital signs.

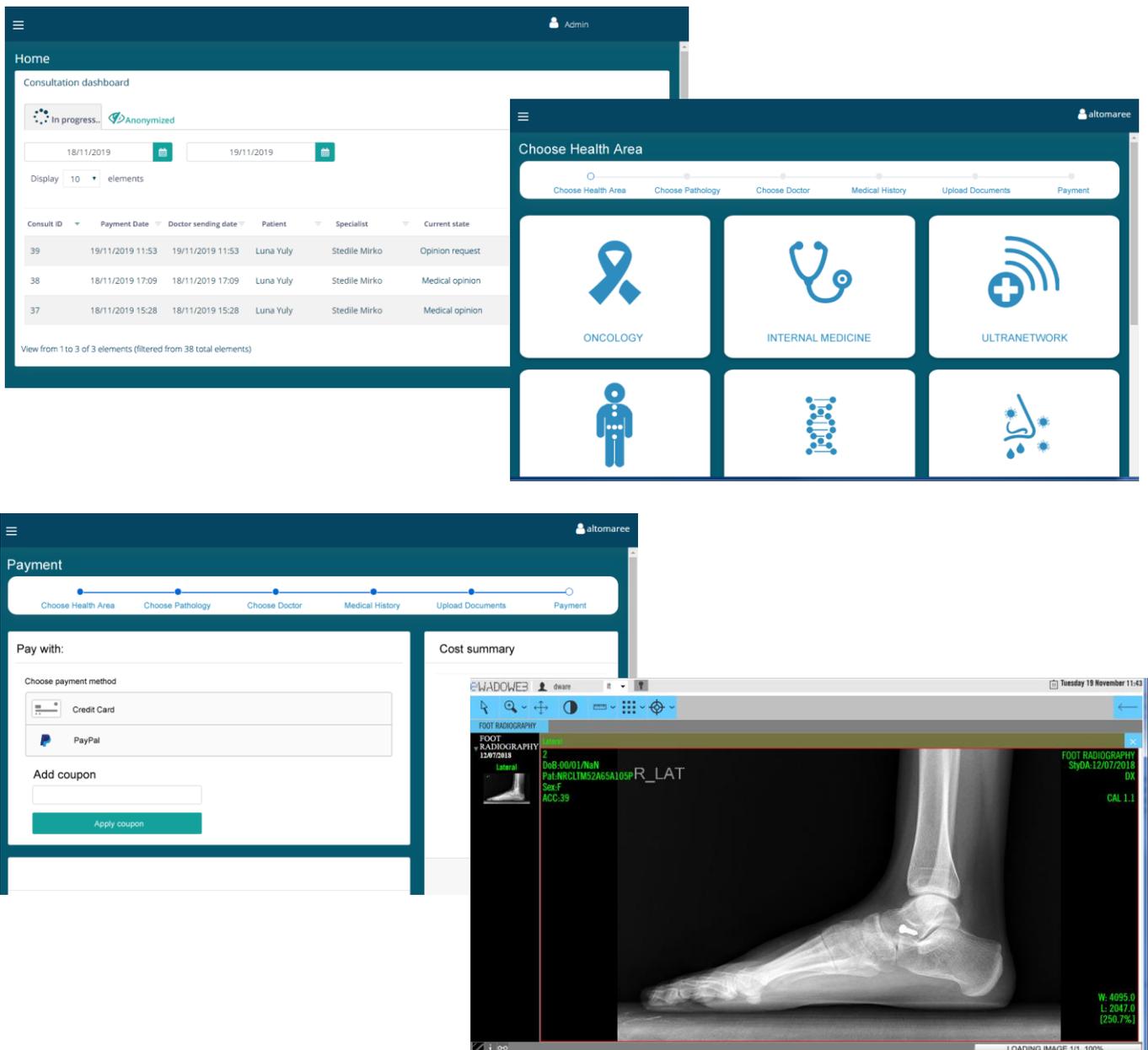


## TeleVisit and TeleConsultation

TeleVisit and TeleConsultation (or Second Opinion) are specialist remote medical consultancy services provided through the telemedicine platform. By sharing the clinical documentation on the platform in a simple and intuitive way, the patient receives a TeleVisit, in video connection, and/or a written specialist teleconsultation related to the pathology he is suffering from, directly at home.

The advantages deriving from the use of the TeleVisit / TeleConsultation service mainly concern:

- the removal of barriers (travel, time, stress, etc.);
- access to quality, guaranteed and reliable health services;
- rapid identification of the physician specialized in the suffered pathology;
- sharing all clinical documentation in a simple, intuitive and safe way;
- the reduction in waiting time for access to a specialist visit;
- greater flexibility and optimization of the doctor's and patient's time.



The image displays four screenshots of the telemedicine platform interface:

- Home / Consultation dashboard:** Shows a table of consultations with columns for Consult ID, Payment Date, Doctor sending date, Patient, Specialist, and Current state. The table contains three rows of data.
- Choose Health Area:** A navigation menu with steps: Choose Health Area, Choose Pathology, Choose Doctor, Medical History, Upload Documents, and Payment. Below are six category tiles: ONCOLOGY, INTERNAL MEDICINE, ULTRANETWORK, and three others with icons.
- Payment:** A screen for selecting a payment method (Credit Card or PayPal) and adding a coupon.
- Cost summary:** A summary of costs, including a 'LOADING IMAGE 1/1, 100%' status.

Consult ID	Payment Date	Doctor sending date	Patient	Specialist	Current state
39	19/11/2019 11:53	19/11/2019 11:53	Luna Yuly	Stedile Mirko	Opinion request
38	18/11/2019 17:09	18/11/2019 17:09	Luna Yuly	Stedile Mirko	Medical opinion
37	18/11/2019 15:28	18/11/2019 15:28	Luna Yuly	Stedile Mirko	Medical opinion

## TeleMonitoring

The **eLifeCare** platform provides a continuous monitoring service for the assisted person through the connected medical devices. The devices detect the vital parameters of the patient and transmit the data to the **eLifeCare** platform in real time through the **eLifeCare App**. If the devices detect anomalous data, an alert signal is activated at the Medical Center. The operators of the Medical Center can intervene through an immediate video call with a general practitioner, a pediatrician or a geriatrician, the activation of a Specialist Doctor or the sending of health workers present in the area.

**eLifeCare** is also available to medical operators and specialists who can access the platform to consult the clinical data concerning the diagnoses, therapies and vital signs detected. The doctors can modify the therapies, carry out prescriptions, carry out televisits, write reports, etc..

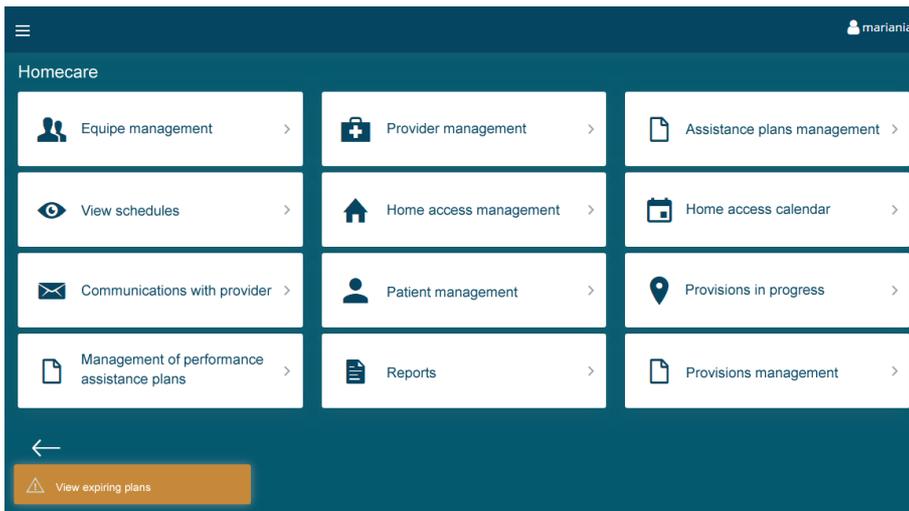
The image displays several key components of the eLifeCare telemonitoring interface:

- Dashboard:** Shows 1 Patient and 0 Doctors. A table lists patients with columns for Patient ID, Surname, Name, Dashboard, and Status.
- Detections Table:**

Patient	Date	Detection type	Value	Folder	Graphic
INTINI ROSA	2019-09-19 10:57:53	Pulsation	84	[Folder Icon]	[Graphic Icon]
INTINI ROSA	2019-09-19 10:27:37	Pulsation	81	[Folder Icon]	[Graphic Icon]
- Device Parameters:** A central window showing vital signs: 122 mm/Hg Systolic, 81 mm/Hg Diastolic, 74 bpm Pulse, 96 % SpO2, 8.8 % Perf. Index, and 0A° Temp.
- Patient Profile:** Shows patient 'ROSE GROVE' (ID 888888) with a 'GRAPHICS' chart for various parameters like Weight, Glycaemia, BP, and CF over a 24-hour period.

## TeleCaring

The TeleCaring service allows the remote planning, coordination and detection of nursing and care activities carried out at home. It allows a health district or service center to plan the activities of home care assistants who, equipped with tablets and medical devices, carry out health and assistance interventions at the patient's home, acquiring and sending vital parameters through connected devices.

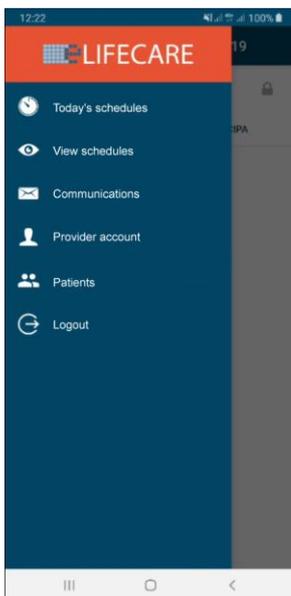


### Home care center

**eLifeCare** offers back office functionalities useful for planning, coordinating and remotely detecting home nursing activities based on the needs of the patients and their care plans, also integrating the Individual Assistance Plans drawn up by the local health companies.

### Home care assistant

The home assistant or service provider can take advantage of the **eLifeCare App** which allows him to manage the operation of the assistance service in the area.



### Home access

The homecare assistant or provider, after authenticating himself to the system, consults the assigned schedules and takes advantage of the home access functions. At this point it is possible to consult the services to be performed during access.

The software eWard/eFolder CE and eLifeCare are certified Medical Devices (93/42/CEE) of class I. The complete list of versions of the certified models is available by contacting Exprivia.



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