



CAREONLINE

THE CARE CONTINUUM



HEALTHCARE MANAGEMENT 4.0





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CAREONLINE is an all-in-one digital solution for efficient, coordinated care. Hand in hand, patients and clinicians revolutionize existing workflows throughout the overall patient journey.

CAREONLINE seamlessly works within the existing infrastructure of a hospital and perfectly merges patient and clinician reported outcomes into an integrated, meaningful patient overview. Stakeholders benefit from the easy integration, adaption of existing workflows, time efficiencies, financial gains, and much more.

CAREONLINE is the new standard of coordinated care, thanks to its flexibility and adaptability that offer immediate benefits. Because we are in this race together.

Features:

Consolidated Content Management

ICD-10 Specific Care Plans

Messaging & Video Conferencing

Vital Biometrics & Data Import

Medication Management

Role-Based Task Management

Appointment Administration

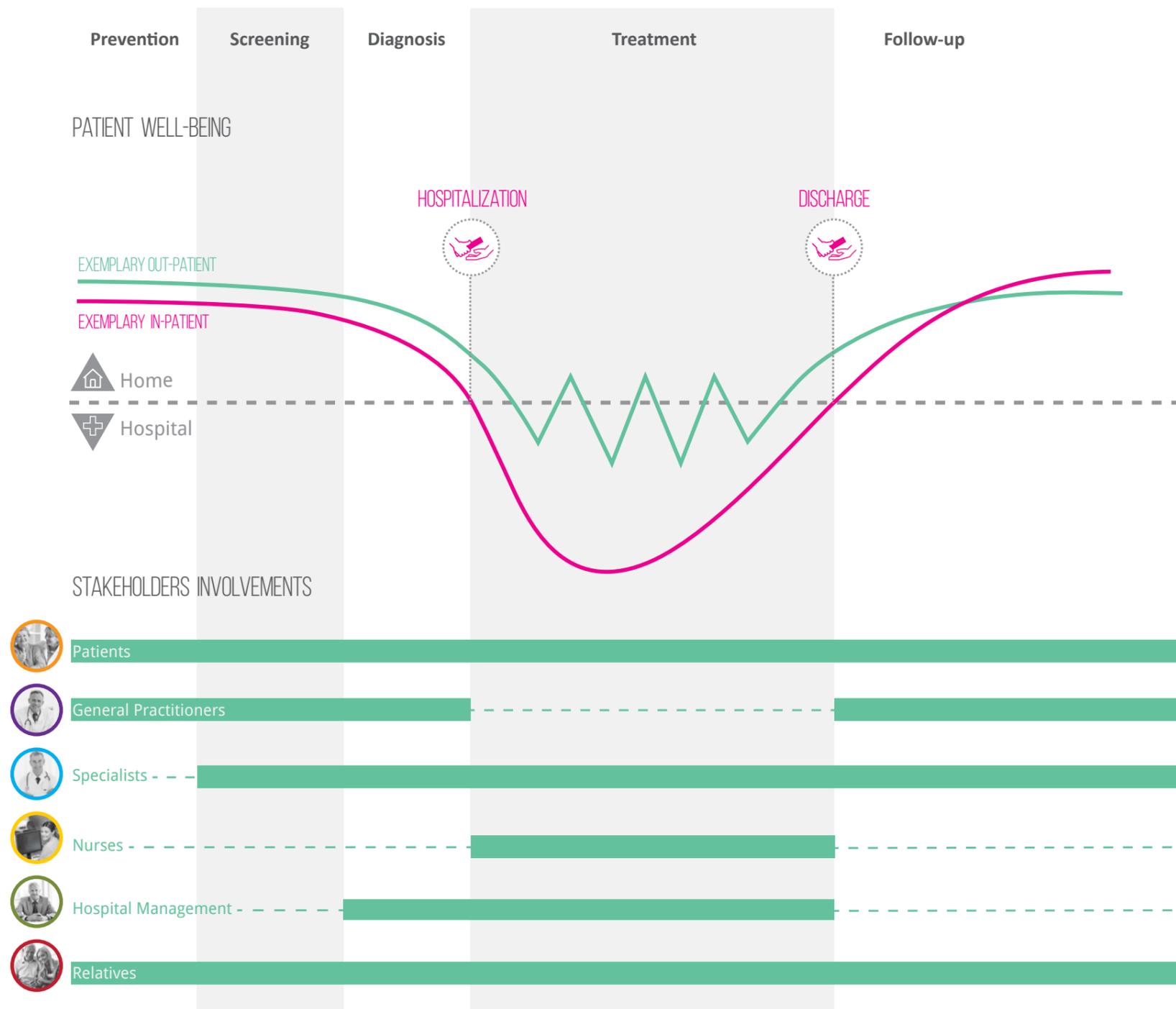
Threshold Notifications

Study eCRF

Education

Consent

Continuum of Care



CAREONLINE is a revolutionary and intuitive program designed to optimize operational and clinical efficiencies. It coordinates care through the consolidation and distribution of patient clinical data, and it extends care beyond the hospital into personalized follow-up using mobile technologies.

Prevention

Initial registration of the patient. Patient-related data is seamlessly transferred from your existing systems using HL7. During routine physicals, the clinician assesses the patient's health status and can generate personalized care plans.

Screening

Throughout the screening process, via the CAREONLINE App, care providers can continually monitor the patient's well-being. An abnormal value in the patient's feedback will automatically alert the attending clinician.

Diagnosis

The diagnostic process is supported by patient- and clinician-reported data. Using the ICD-10 code, specific and approved care plans will be suggested by CAREONLINE.

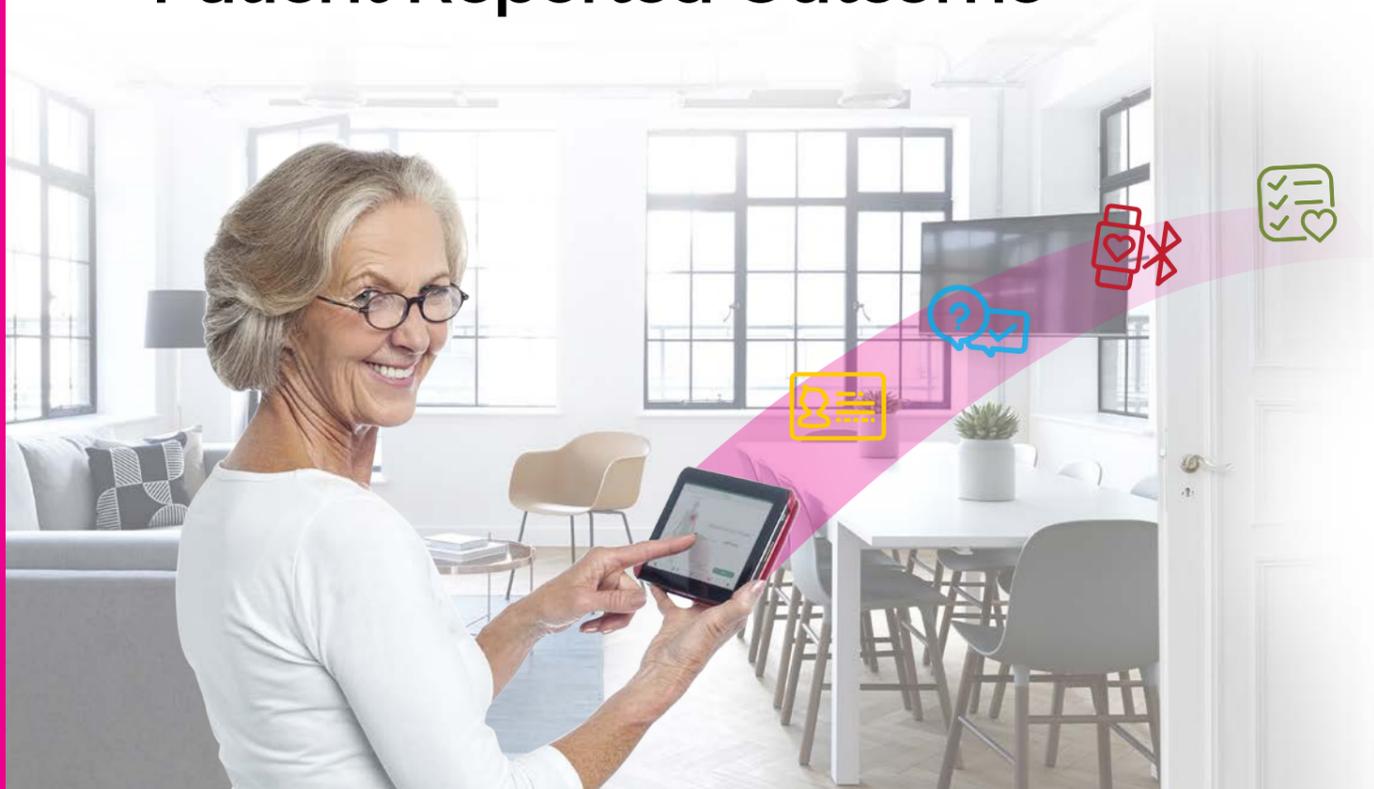
Treatment

CAREONLINE captures a mixture of clinician and patient reported data, supporting a perfect hand-off between the stakeholders. Its mission is to digitalize the natural workflow of healthcare professionals, and ensure transparency and availability of full patient data upon request.

Follow-up

CAREONLINE follows the patient throughout continued supportive care. This is personalized medicine at its best. The patient and the clinical staff remain in contact for as long as is required. Making the best use of all stakeholders' time, patients can communicate with their care provider via the integrated teleconferencing module from the comfort of their own home. CAREONLINE also allows for scheduled questionnaires to be completed, along with digital data gathering and activity monitoring.

Patient Reported Outcome



Clinician Reported Outcome



KEY FEATURES

Medication reminders

Tasks

Education

Questionnaires

Integration of bluetooth healthcare devices

Threshold notifications

Video conferencing

Empowering patient-centered collaboration

CAREONLINE provides tools to enable a collaborative approach to personalized care delivery. With the CAREONLINE mobile App, patients take ownership of their care plan by effectively providing their clinical team with valuable information through questionnaires, activity tracking and biometric data. Patients receive timely medication reminders and task requests to ensure a high compliance with the prescribed care plan. Educational documentation and videos help to empower patients to take control of their own care.

The patient-reported data enables physicians to spend quality time with their patients during the consultation, rather than the clinician having to complete an assessment manually. If CAREONLINE detects a defined change in the patient data, the clinician is alerted immediately. Real-time communication with patients saves time and allows clinicians and patients to proactively react and/or consult to prevent further complications.

CAREONLINE features an intuitive communication tool that allows caregivers to contact their patients via video call, voice call or messenger.

Digitization of your hospital

Digitization of the traditional forms, along with automation of natural workflows, ensure reliability and traceability to the clinicians' everyday routine, with full analytical capabilities. Through the consolidation of all patient-related data from many different hospital IT systems, healthcare professionals can now view the entire patient chart in one place, in a matter of seconds, upon request at any time.

CAREONLINE's content management solution allows caregivers to assign predefined care plans to individual patients or entire target groups in order to streamline time-intensive workflows. These care plans can be created and modified to reflect the agreed-upon clinical protocols. Simplified and automated assessments will lead to increased revenue streams.

KEY FEATURES

Digital assessments

Automated lab data import

Complex care plan templates

User rights management with ownership tracking

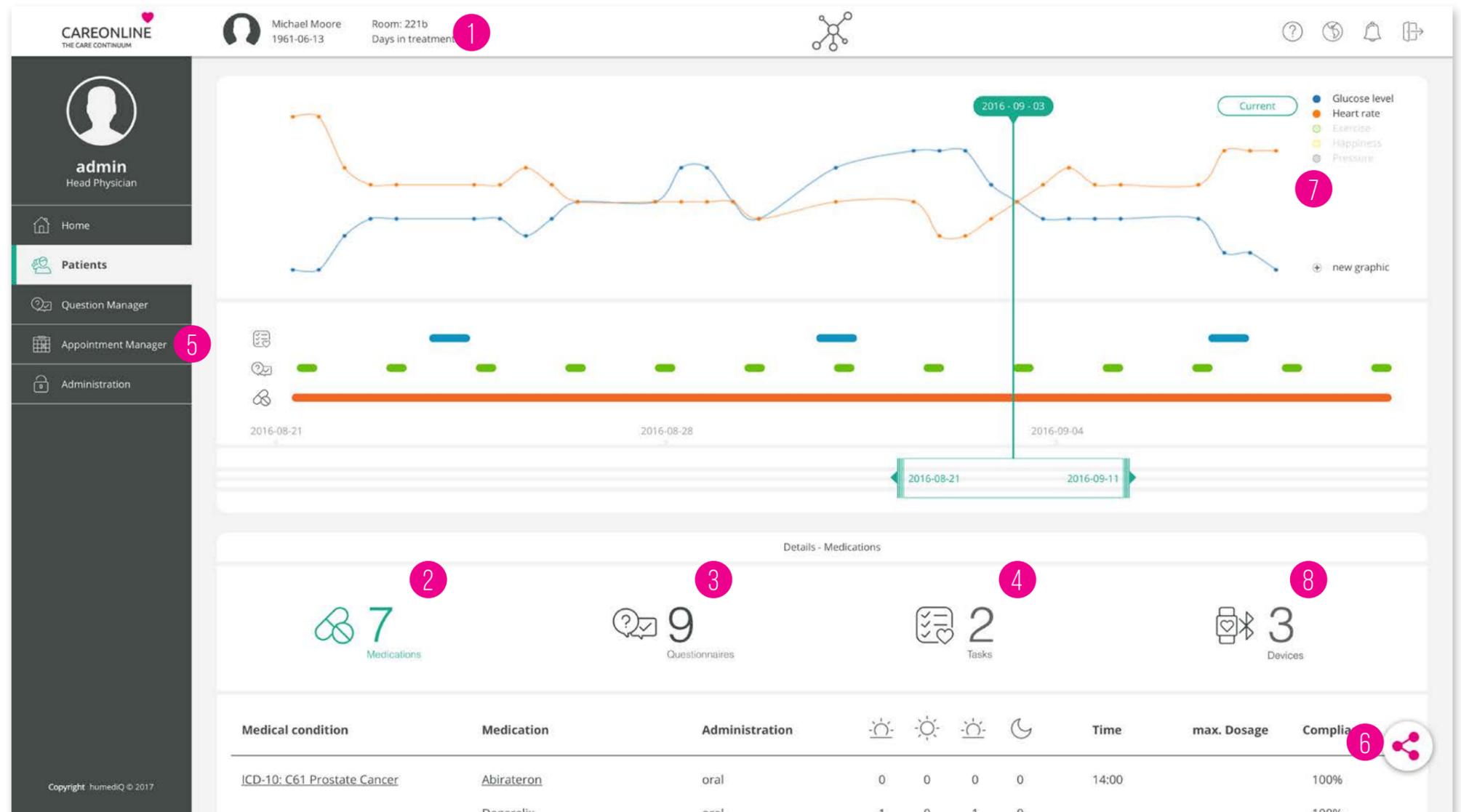
Voice control and recognition

Patient Journey

The CAREONLINE Patient Journey tracks patients' results over time and provides a comprehensive overview of the patients' information within every phase of his or her life.

The system gives a review of the respective care plan, where each item links to additional information. CAREONLINE provides exceptional visibility of interdependencies between diseases and vital data coming directly from patient sensors.

The following pages describe the entire feature set of CAREONLINE, and they outline the opportunities that CAREONLINE offers to its stakeholders.



1



**ELECTRONIC
HEALTH RECORD**

2



**MEDICATION
PLANS**

3



**QUESTIONNAIRES
AND ASSESSMENTS**

4



**TASK
MANAGEMENT**

5



**APPOINTMENT
MANAGEMENT**

6



**BEDSIDE
REPORTING
OUTCOME**

7



**PATIENT
JOURNEY**

8



**BIOMETRIC
DATA IMPORT**



Electronic Health Record (EHR)

HL7 interface to existing HIS

Easy setup of the patient's personal mobile devices

Customizable views

With the integrated HL7 interfaces, CAREONLINE automatically imports patient information from the hospital information systems (HIS). This data will be enriched with all the information generated by CAREONLINE, such as vital data, tasks, medication, appointments, questionnaires, assessments and more.

CAREONLINE establishes a perfect patient overview that gives healthcare professionals a full 360° view of their patients.

Using CAREONLINE's innovative search algorithm, users can create lists based on a variety of data, like medication lists, ward round lists, schedules and much more.



Medication Plans

ICD-10 specific medication plans

Drug formulary integration

Drug and allergy interaction checks

Medication reminders

Compliance checks

Creating a personalized medication plan for each patient is essential to effective and safe treatment. CAREONLINE uses industry standard drug formularies with contraindication and interaction checking. Regular medication updates, combined with their current health status, are visible to the patient through their mobile app, so patients can be confident that the medication plan is accurate for them.

Thanks to enhanced system security, only healthcare professionals have access to the medication formulary. Authorized support personnel will have visibility of the prescription, as well as the patients' compliance in administering it.

Questionnaires & Assessments



Patient's assessments are vital to the overall treatment and ongoing care that is provided to a patient. Historically undertaken in paper form, CAREONLINE digitizes the assessments for fast and accurate data recording. Whether in the hospital or on the patient's mobile device, assessments are easily recorded through the intuitive user interface. Creation of assessment templates provide the perfect means to collect data in a consistent and compliant way. Automatic schedules can be defined to push assessments to a patient, or group of patients, for completion. Each of these features reduces the burden of manual form filling and duplicate data entry.

CAREONLINE uses a variety of question formats, such as single/multiple choice, numeric value/range, free text, pain location charts and yes/no questions.

Branched questionnaires for quick data assessment

Individual and bulk assignment

Sophisticated filtering of results

Import of answers into the EHR

Task Management



Patient care plans are more than just a "to-do" list. They provide structure and clarity for both the care provider and the patient while ensuring compliance and conformity. Part of a patient's care plan is individualized educational material, and accessing it on their mobile device delivers empowerment and understanding. CAREONLINE's task manager will automate the correct educational material to be sent to the patient's smart device, and it will continually update and refresh the content as new material becomes available. With access to this information at all times, patients no longer have to remember what is being asked of them by their care provider.

All tasks are sent via a "push notification" to their smart device. The patient acknowledges completion of the task through the app. Uncompleted tasks are also tracked.

Biometrical measurement tasks

Educational tasks

Automated task schedules



Appointment Management

HL7 integration

Automated appointment scheduling

Appointment reminders

Workload balancing

We understand that circumstances change. Rather than unnecessary time spent reorganizing schedules, CAREONLINE offers a simple, yet effective way to communicate with patients about changes to their scheduled appointments. Working in sync with your main appointment system, CAREONLINE will automatically inform the patient, via the mobile app, of a change in schedule and suggest time slots based on intelligence that considers the patient's status and the workload of clinical staff. The same logic is applied when having to reschedule a group of patients.

Upon receipt of a changed appointment request, patients can choose whether they "accept" or "decline" the newly proposed appointment. Care providers have the capability to monitor who has responded and who hasn't, enabling them to swiftly rearrange appointments.



Bedside Reported Outcome

Paperless chart rounds

Easy switching between patients

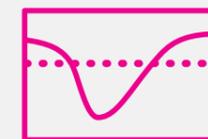
Automatic registration of vital signs

By simply scanning the bedside QR code, the patient chart becomes available to the clinicians. This allows for easy completion of assessments, tasks and automatic registration of vital signs. Any change of the medical condition of the patient, as well as tasks completed by the clinical staff, is recorded through digital forms. One of the main advantages of the CAREONLINE Bedside Reporting functionality is visiting the patient without an extensive paper trail, and easily switching to another patient when moving through the round.

Patient Journey

The CAREONLINE Patient Journey tracks patients' data over time and provides ICD-10 patient related information. This allows both the physician and the patient to immediately access full information on the progress of the treatment, and to understand future steps crucial to the recovery such as medication prescriptions, tasks, and educational information.

Within a care plan, each item can be selected for more information and references. CAREONLINE also handles co- and multi-morbidities and provides exceptional visibility of interdependencies between diseases and vital data coming directly from patient sensors. The Patient Journey combines both patient and clinician-reported data in one single view.



Trend visualization for any data set

ICD-10 related information

Role-based Full data access

Co- and multimorbidity handling



Vital Biometric & Data Import

During rounds, most vital signs are already captured with electronic devices, but they are still documented with pen and paper. State of the art Bluetooth technology enables these devices to directly transfer the vital data into CAREONLINE, where it can be tracked and analyzed together with the other patient-related data.

At home, the patients can use their own devices to provide their attending physician with the data needed to assess their current medical condition. With threshold notifications available, the clinician will be alerted to changes in the patient data.

CAREONLINE supports a wide range of medical devices from different manufacturers, such as smartwatches, blood pressure meters, pulse oximeters, scales, glucose meters and much more.

Telemonitoring

Vital parameter recording

Integration of clinical devices

Integration of consumer products

Direct data transfer

Easy trending of vital signs

CAREONLINE for Patients



The core philosophy of CAREONLINE is to enable patients to become equal partners with their caregivers and to provide them with a simple, easy to use interface to take charge of their treatment.

Patient engagement

Direct feedback to doctors

Easy use of complex care plans

Direct contact without leaving home

Less waiting time

A patient-centered solution

CAREONLINE is a solution that empowers and engages patients on a new level. Patients can have a constant access to their treatment data, medication and care plans. They can track their progress, upload their data and have an opportunity to contact the caregivers at the time they need their support the most.

The telemedicine solution enables patients to communicate accurately and efficiently with their clinical team, without the physical burden of travel. The ability to access remote medical support eliminates uncertainty and offers peace of mind when the patient returns home.

CAREONLINE for Medical Specialists



CAREONLINE enables clinicians to track the vital data, assessment data and compliance with the follow-up care plan of their patients. It also notifies them in case of abnormalities, allowing faster reaction time.

Consolidated patient data at a glance

CAREONLINE collects patient information digitally, therefore preventing the loss of data. Each patient's data is recorded under strict formats, which allows for easy comparison of cases and offers a solid base for clinical studies and outcomes reporting.

The system features automatic billing, including telemedicine consultations, thus increasing the feasibility of reporting for insurance providers.

One single patient chart

Wide data range: lab data, questionnaires, compliance, etc.

Task driven schedules

Analytics platform reporting on clinical outcomes

Easy gathering of data

Autofill options for clinical requests (welfare, consultations, catering, etc.)

CAREONLINE for Nurses



With CAREONLINE, nurses will benefit from the digitization of manual processes and from the many automated workflow efficiencies.

Reducing workload by avoiding duplicate or manual work

Increased efficiency

Easy appointment management

Autofill options for clinical requests (welfare, consultations, catering, etc.)

Paperless, no manual archiving needed

Reducing reporting workload for nurses

With CAREONLINE, all patient-related information is automatically captured and available immediately throughout the hospital. This reduces the need for manual reporting and prevents duplicate documentation.

Tasks that need to be completed are available as a digital checklist with automatic prioritization. All work performed by nurses is automatically recorded with a simple touch on the app, ensuring that every completed task will be billed.

Appointment management is simplified, automatically notifying the patients.

CAREONLINE for Hospital Management



Hospitals are challenged to constantly strive for efficiency gains and to mitigate risks, all while finding ways to increase revenue. CAREONLINE helps at each stage through its revolutionary platform.

Digital reporting and billing

CAREONLINE's platform provides the optimal environment for hospital management and their staff to work cohesively in delivering the best in patient care. Automated intelligence ensures that vital information is not only captured but also highlighted when deviating from expected values. Proactive management of patients, staff, and workload all contribute to significant efficiency gains while reducing the risk of errors. Capturing data in a consolidated and unified way maximizes your billing activities, thereby increasing revenues.

Prioritized scheduling of appointments

Data accessible throughout the hospital

Timesaving procedures

Low integration costs

Automated Workload balance for healthcare professionals

Minimization of lost data. Automatic recording of patient consents and etc.

Asset tracking

Eradication of lost, unpaid waiting time of clinicians

CAREONLINE for General Practitioners



General practitioners (GP) can keep track of the health status of their patients at any time, since the patient's CAREONLINE chart is shared with the GP.

Ongoing tracking of the patient condition

Early detection of abnormalities

Patient Journey

Diagnosis data

Lab results data

Telemedicine consultations

Monitoring of follow-up care

Follow-up care is critical to the patient's well-being and recovery. General practitioners and their clinical staff carry the responsibility of this work. Continuing the use of CAREONLINE through this phase not only provides the local care team with vital information that otherwise would only be available to the hospital, but it also ensures continuity for the patient. Not only can the GP see the patient's chart, but the GP can add important clinical information into the chart which in turn will be available to the patient and the hospital care team.

The GP has access to the same functionality as the hospital physicians, including the telemedicine module. This is especially important in rural areas where access to physicians is limited and travel times are long.

CAREONLINE for Relatives



With CAREONLINE, relatives and partners can, with the patient's consent, access the full patient journey. They will receive notifications if the vital data exceeds established thresholds, and they can monitor compliance with the treatment plan of their loved ones.

All information & patient journey access

Seeing a loved one going through an illness is a worry. A lack of information or mixed messages all adds to the anxiety and helplessness that they feel. CAREONLINE extends to family and friends, or the care providers taking responsibility to ensure that the patient is following every step of the way. Full accessibility to educational materials, appointment information, and the patient's care plan are possible, as well as the assigned tasks and reminders. This provides an additional level of care for the patient by those who are closest to them.

Active engagement by relative and care providers

Access to direct feedback from doctors

Patient journey access

Easy appointment management



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