New era, Digital Health

TRILEMA
MIDDLE EAST

HOSPITALS

Patient Empowerment

- **Personal Health Record** integrated with Electronic Health Records (EHR)

- Self-control systems through **mobile apps**

- Integration with **medical devices**

- Personal self-care plan based on **pathway**

- Customization of **protocols** for each disease

- Personalized and **individualized** for each patient

- **Symptoms management** and decompensation

Remote Monitoring

- Out of range and risk value **indicator system**

- Therapeutic **adherence** control

- Control of **biomedical** variables in range

- Management of **adverse effects**

- Management of medical data originating from **devices**

- **Dashboard** and Business Intelligence (BI) control panel

Our technology serves thousands of patients across 50+ hospitals in 3 countries, helping them efficiently manage and control their health on a daily basis

PUBLIC HEALTH

Prevention &

- Programs to strengthen people's **skills and abilities**

- Mass screening for prevention of **cardiovascular risk**

- Applications to promote a **healthy life**

- Management of population **allergies**

- Population management and **pandemic control**

- Educational programs on **chronic diseases**

- Programs to assist with **addiction**

- **Community health** networks

- Digital **child** health card

- Digital **pregnancy** record

- **School education** and promotion in adolescence

Experiencing success and achieving excellent health outcomes during the COVID-19 pandemic

SNS SERVIÇO NACIONAL DE SAÚDE

Government of Portugal

HOMECARE & DEVICES

We integrate medical devices and smart devices with remote monitoring systems and Electronic Health Record (EHR)

- Home **care plan** management

- **Customization** for individual environments and preferences

- Security and **risk control** systems

- **Biometric** monitoring devices

- **Home automation** devices

PHARMACEUTICAL INDUSTRY

- **Clinical trials:** digital case report forms

- Brand support. Apps for **adverse effects** control and **treatment adherence**

- **Monitoring** therapeutic compliance

- Engaging patients with a **white label platform**

- **Digital multimedia education** for professionals and patients

References

Pfizer AMGEN BAYER novo nordisk® abbvie

Bristol Myers Squibb AstraZeneca astellas Janssen NOVARTIS

HEALTHCARE PLATFORM

Patient access

Treatment and Medication Plan

- Validate prescribed medication
- Incorporate personal medication
- Incorporate non-pharmacological treatments

Skills Evaluation and Training Plan

- Training in disease management
- Training in app and medical device usage
- Access to multimedia content featuring your doctors as instructors

Daily Self-Monitoring Routine

- Self-monitoring and recording of vital signs and biomarkers
- Recording of questionnaires and scores
- Integration of medical devices
- Management of gamification systems

Symptoms and Decompensations

- Recording disease-related symptoms
- Documenting crisis and temporary events
- Offering recommendations and actions tailored to each symptom
- Providing doctors with information on problem severity or criticality

Single Patient Calendar & Communication Hub

- Integration with EHR calendar (appointments, consultations, lab. tests)
- Work diary with scheduled events (medication, checkups, scoring, etc.)
- Two-way messaging with doctors, nurses and technical support)

Professional access

Remote Patient Monitoring

- Monitoring patient activity and inactivity
- Surveillance of groups with various diagnosis and therapeutic needs in a shared environment
- Ensuring adherence to pharmacological treatment
- Monitoring pain and general health condition
- Alert management for signs and symptoms
- Oversight of vital signs outside the normal range
- Tracking questionnaire and score results
- Monitoring clinical data from medical devices
- Ability to send hihg-priority alerts via eMail or SMS as defined by the protocol for each disease
- Access to the Patient's Personal Health Record (PHR) with evolutionary details and graphics for each variable

Communications and Integrated Services

- Customization of patient care plans
- Global control dashboard for patient portfolio
- Access to standardized reports
- Two-way messaging with patients
- Tracking message read status
- Scheduling mass selective campaigns via messaging, for both preventive and informative purposes
- Integration with external video conferencing platforms
- Integration with medical appointment scheduling
- Scheduling events in the patient's calendar
- Sharing images and videos, particularly in managing patient symptoms

REFERENCES

- Our healthcare technology has earned recognition in european studies for its positive impact on user quality of life, treatment adherence, and healthcare processes

- Currently being used in over 50 european and south american hospitals where it seamlessly integrates with regional healthcare records

- Our commitment to enhancing the referral process ensures improved health outcomes, greater patient satisfaction, and cost-effectiveness

- Our innovative tools streamline referrals, reducing wait times and enhancing communication

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Endocrine & Digestive

- Diabetes mellitus II
- IBD - Ulcerative colitis
- IBD - Crohn's disease
- Growth hormone

Oncology & Hematology

- Anticoagulation
- Haemophilia
- Multiple myeloma
- Myelodysplastic syndrome
- Chronic myeloid leukaemia
- Chronic lymphatic leukaemia
- Colorectal cancer
- Breast cancer
- Lung cancer

Cardiology

- Heart failure
- Acute coronary syndrome
- Heart transplant

Neurology

- Epilepsy
- Alzheimer's
- Parkinson's disease
- Multiple sclerosis
- Amyotrophic lateral sclerosis

Hospital Pharmacy

- Pluripathological patient
- Oncology. Oral antineoplastics

Pneumology

- Sleep apnoea
- Asthma
- COPD
- Cystic fibrosis
- Pulmonary hypertension
- Smoking

Pediatrics & Adolescence

- Diabetes mellitus I
- Childhood asthma
- Neonates / Premature
- Childhood obesity
- Eating disorders
- Attention deficit disorders
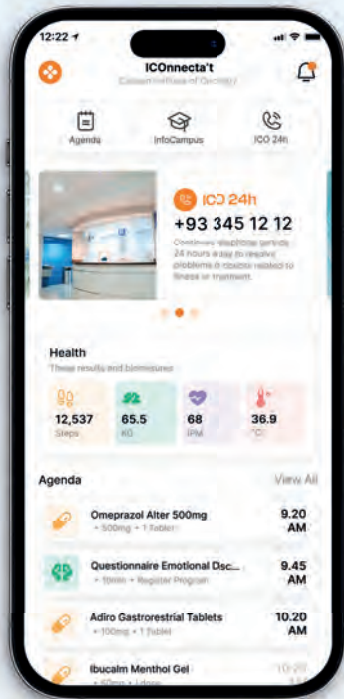- Autism spectrum disorders

Endocrine & Digestive

- Rheumatology. Rheumatoid arthritis
- Rheumat. Juvenile idiopathic arthritis
- Rheumatology. Psoriatic arthritis
- Dermatology. Psoriasis
- Infectious diseases. HIV/HCV
- Traumatology. Osteoporosis & hip fracture
- Pregnancy. Deep venous thrombosis
- Gynaecology. Endometriosis

Other Assistance Processes

- Home Hospitalization
- Paediatric ICU
- Post-surgical follow-up
- Emergencies for Nursing Homes

OUR MAIN PROJECTS

Catalan Institute of Oncology

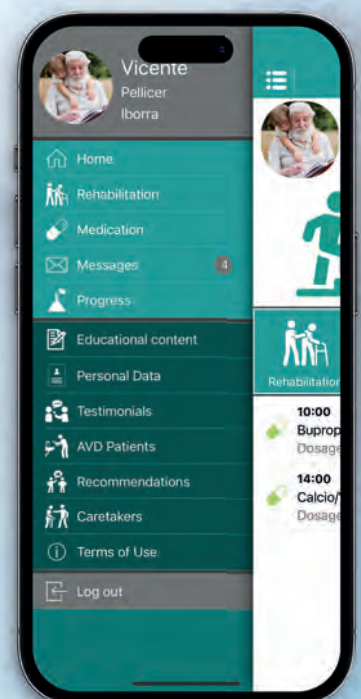## Digital health solution to reduce the impact of cancer

ICOnnecta't is a digital health ecosystem created by the Catalan Institute of Oncology, designed to connect patients and healthcare professionals. Its primary objective is to mitigate the impact of cancer and enhance the well-being and quality of life for patients. The program is dedicated to improving care monitoring and offering psychosocial support through digital platforms, including mobile apps, e-learning, and video calls. Currently, it is accessible to patients dealing with breast cancer, hematological malignancies, and advanced lung cancer.

Multi-hospital project (Spain, Portugal and Belgium)

Activating elderly after a hip fracture (Osteoporosis)

ActiveHip+ is a health education and telerehabilitation initiative for patients who have experienced hip fractures and their informal caregivers.

The project has received funding from EIT-Health and is being carried out by various partner organizations across Europe.

Deployed and integrated in 6 regional governments in Spain

Massive prevention of cardiovascular risk

A comprehensive remote management and self-monitoring system is in place for patients with cardiovascular disorders. It features validated protocols specifically designed for groups of patients dealing with heart failure, acute coronary syndrome, and heart transplant.

CardioPlan has been featured in multiple european publications, showcasing outstanding outcomes in healthcare, patient perception, and the reduction of conventional care expenses.

Ongoing research is being conducted with CardioPlan to examine patient follow-up from primary care one year after experiencing a heart attack.