



AIWAVE /+
Healthcare

Healthcare of the future

 **ALMAWAVE**
GROUP



The benefits of AIWave 4 Healthcare

OUR SOLUTIONS SUPPORT HEALTHCARE PROFESSIONALS AND PATIENTS TO SIMPLIFY TREATMENT PROCESSES AND IMPROVE ACCESS TO SERVICES



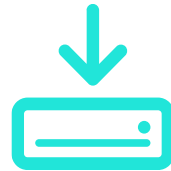
PREDICTING AND CUSTOMIZING TREATMENT PLANS BASED ON INDIVIDUAL NEEDS



PROVIDING SUPPORT IN EVALUATING THE QUALITY OF LIFE METRICS



REDUCING THE ADMINISTRATIVE WORKLOAD FOR CLINICAL PERSONNEL



ENHANCING HOW CITIZENS INTERACT WITH THE HEALTHCARE SYSTEM



Your business, our goal





Patient Surveys

This outbound conversational assistant, through guided dialogue with patients, enables the automatic collection of clinical, therapeutic, and follow-up information. It supports both the patient in following up with care through planned reminders and the clinician in identifying any complications that have arisen and assessing therapy adherence.

Clinical Decision Support System (CDSS)

Using synthetic-prognostic algorithms and indicators, this system provides healthcare professionals with clinical recommendations based on scientific evidence and patient data. It facilitates the identification of patient typology, risk of disease onset or worsening, and integrated care (hospital - territory - home) with multispecialty boards.



Clinical Planner

The solution supports physicians in administering therapies during oncology day-hospital services. The system is equipped with a customizable rule engine that automatically generates a proposed therapy schedule reducing patient waits and discomfort and optimizing the procurement, storage, and management of expensive medications.

Virtual Assistant to Support the Clinician

Using this tool, clinicians can access health records easily, and automatically reconstruct a patient's medical history via a web app that includes search filters. This capability is supported by advanced data indexing techniques and a semantic approach, as well as interaction with a virtual assistant.



E-mail Automation

This solution automates e-mail classification and dispatching via linguistic, semantic, and text analysis models. It also uses GenAI to create responses that can either be reviewed by the operator or sent directly.

Molecular Diagnostics

This system digitizes the processes performed in molecular diagnostics laboratories, from analysis to reporting, providing structured and usable data for each step. Additionally, with the support of GenAI, it assists clinicians in interpreting results previously collected through NGS and PCR technologies.

Anonymization and Pseudonymization of Health Data

Protects sensitive patient data by automatically replacing real names with pseudonyms in a privacy-compliant manner. Advanced AI models ensure high accuracy, while traceability of operations guarantees transparency and consistency.

Data Extraction System From Radiology Reports

Extracting data from radiology reports, this system digitizes the information contained within them and automates the extraction process. It enhances access for clinical systems and supports the training of artificial intelligence models to derive predictive indicators. Additionally, it ensures advanced protection of health data through pseudonymization.

Virtual Assistant to Support Patients

The solution allows health facilities and ASLs to automate interactions with citizens for managing appointments and information requests. Citizens can interact directly with a 24/7 virtual assistant, reducing the number of inquiries at health facility counters. The virtual assistant is available in multiple formats, including voice (phone), text and voice (web chat and WhatsApp).





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