





WE ARE **ULMA**

ULMA is a group of companies committed to its people and environment. It is a project based on people and open to an ever more globalized world. ULMA is one of the largest group of companies in the north of Spain, present in the market for 60 years and has a clear commitment to Innovation, Employment and Value Added.

Is a group with a personality notable for its recognition of the work and future vision of the people who made the present a reality, for its sense of belonging to a community founded upon solidarity, for participation and involvement in a shared project, and for the trust in its ability to advance towards the future.

Linked from the outset to the Mondragon Cooperative Experience, the ULMA Group is part of the MONDRAGON. ULMA's identity is determined by an environment characterised by leading organisations in the fields of education, finance, research and social welfare. With a history of a culture rich in Cooperative Values, the ULMA Group is now the future and is at the cutting edge of technology and the most advanced and optimised working processes.

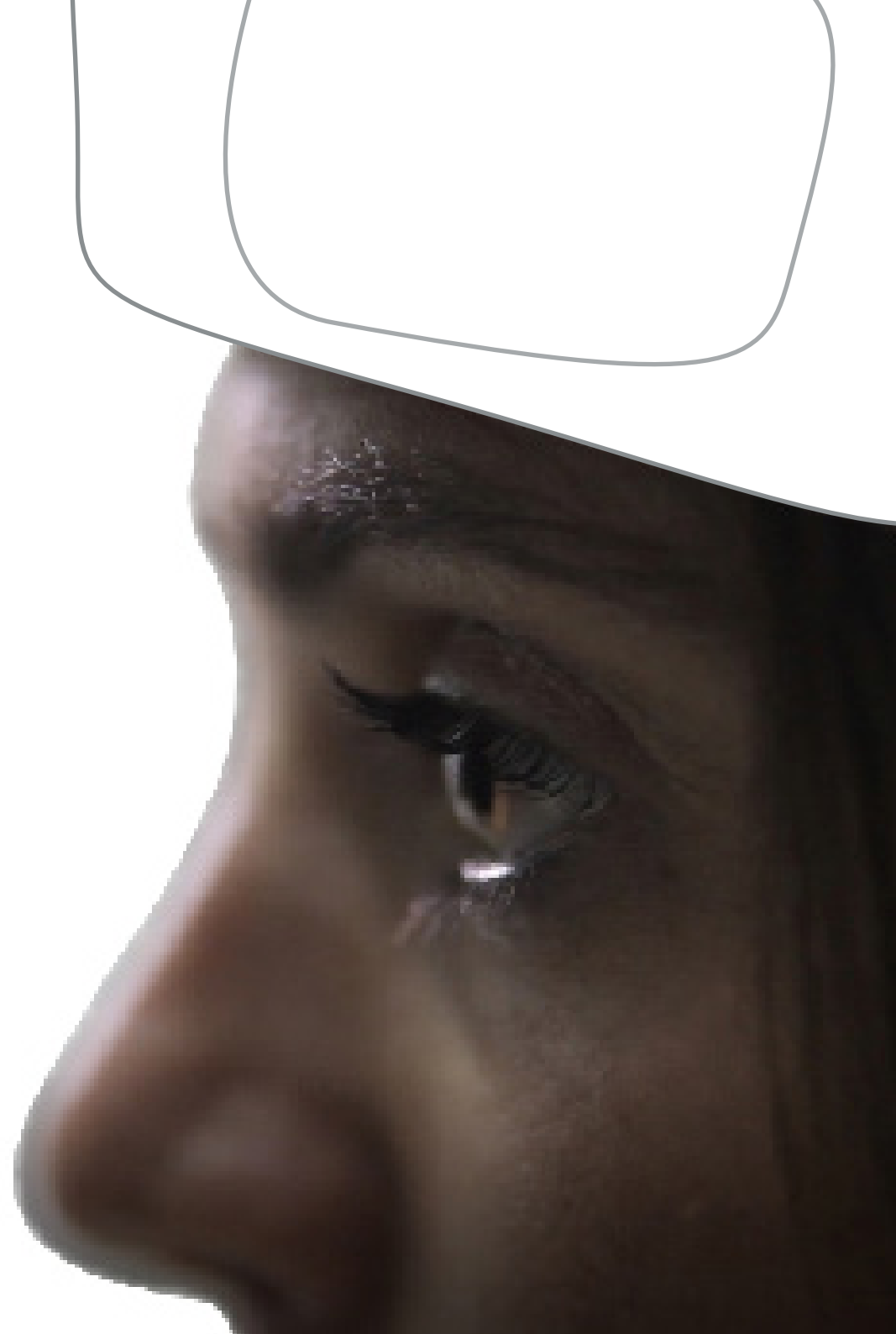
IDEAS THAT IMPROVE PEOPLE'S LIVES

In the field of health care, ULMA develops diagnostics and data analysis solutions based on artificial intelligence with the mission of transforming the quality and accessibility of health care. We also provide digital infrastructures and medical devices to give a full response to our clients' needs.

Our activities are currently divided into two clinical specialities: ophthalmology and dermatology. Nevertheless, we're working on other specialities that will complement our current portfolio of solutions.

In line with our commitment and corporate social responsibility, our starting point is the idea of democratising access to health care centred around people and their environment. As ULMA, we want to promote an assistance culture based in optimising and improving health care processes.

We involve in patient personalisation, we help to provide individualised care, we promote personal empowerment and we reduce waiting lists and costs, which are issues that have been exacerbated by the current COVID-19 situation.



FAST.
LIGHTWEIGHT .
INTUITIVE.

DIGITAL FUNDUS CAMERA

U-RETINAL DFC © is a small device that allows the acquisition of color fundus images without the need to dilate the pupil. Compatible with three vision lenses, it covers all the needs of eye care professionals who want to perform in-depth examinations. It meets all the requirements of the ISO 10940:2009 standard for fundus cameras.

The equipment is ideal for centers that seek to increase their volume with the incorporation of new telemedicine services. It is an ideal portable tool for use with all types of patients: children, adults, elderly or people with reduced mobility.

[MORE INFO.](#)

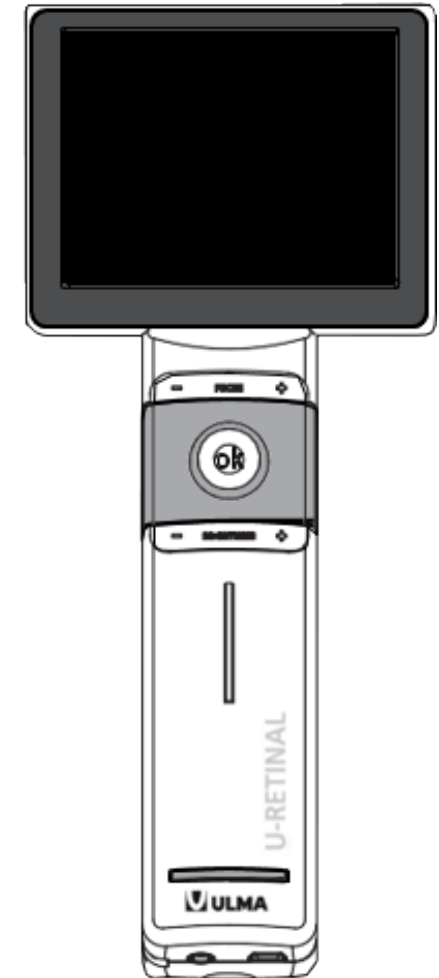
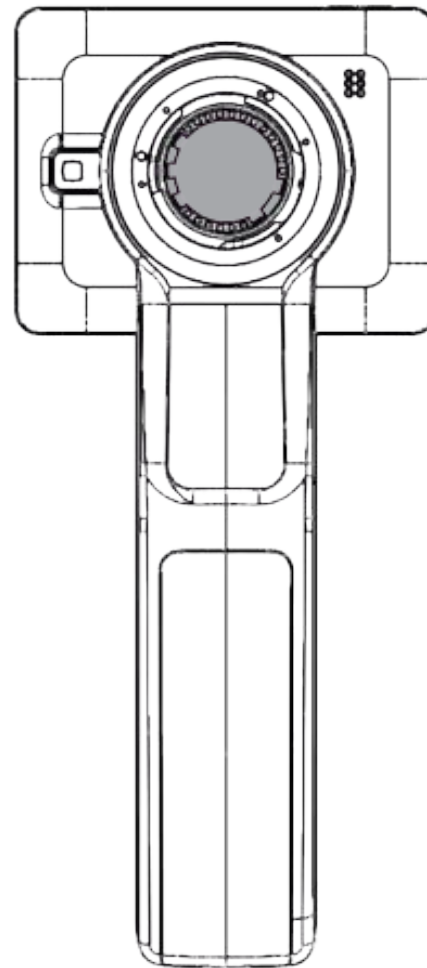




Image Quality Control

It includes a quality control module that can analyse images quality in few seconds and show the quality evaluation result of the captured image on the screen of the device. It improves the efficiency of the process of diagnosing retinal diseases by considerably decreasing the number of images that cannot be evaluated.

Easy to Use & Portable

Thanks to its automatic focus and capture system, image capture is extremely simple, allowing a large number of images of different patients to be stored in its memory. Its WIFI module facilitates the subsequent transferring of images to any device (eg: tablets, pc, etc.) to incorporate them into a database or management systems.





DEC 200

Lens that allows fundus examinations to be carried without the need to dilate the pupil and acquire images and videos for its evaluation. It is an ideal tool for the detection of pathologies such as Diabetic Retinopathy and other eye diseases.

DEA 200

Module with a slit lamp function to perform high resolution examinations of the anterior segment of the eye. Useful for the evaluation of cataracts, scleritis, keratitis, trichiasis, conjunctivitis and others.

DGC 200

Optical module that allows the exploration of ocular structures such as the conjunctiva, cornea and tear film. Its use can be varied, from the identification of pathologies that can occur on the ocular surface, to the location of foreign bodies.

ACCESSORIES & COMPLEMENTS

UCR 300

Portable component for the U-RETINAL DFC to improve its usability and patient comfort. This removable accessory, alongside a guiding system, provides comfort and stability when capturing images allowing an easier and more comfortable examination for both the patient and the health care provider.



UEC 350

This device with an embedded touch screen runs a variety of AI modules for processing different medical images. It connects to different medical devices for acquiring images and showing diagnostic results directly in the screen. In addition to addressing security concerns about medical data, the UEC 350 can accelerate image processing.



SL Adapter 200

Component that allows the U-RETINAL DFC to be adapted to a conventional slit lamp. It allows optimizing the use of resources already available in ophthalmology consultations. In addition, it offers stability and comfort when capturing the image allowing an easier and more comfortable exploration.



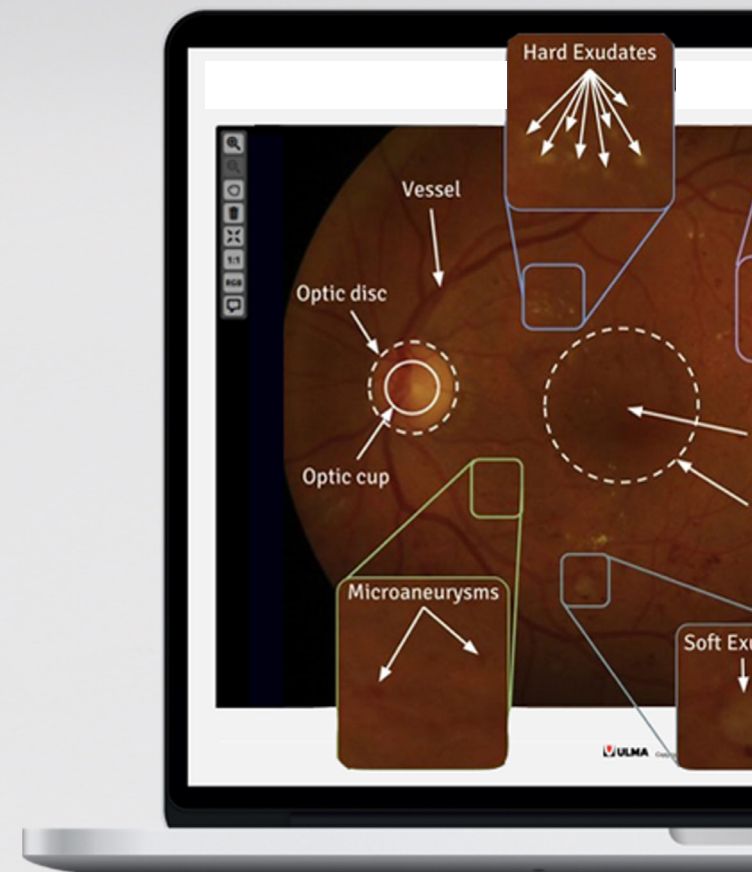
DIAGNOSIS SUPPORT

AI SOLUTIONS

We promote technological development as a tool for supporting the diagnosis and monitoring of several diseases. Our artificial intelligence based software modules can analyse images and extract information that facilitates diagnostic and monitoring tasks done by health care professionals.

Our closest product to be commercialized is UMI DR, an Artificial Intelligence solution for the early diagnosis and screening of diabetic retinopathy based on the automatic detection of several retinal lesions and alterations related with diabetic retinopathy.

[MORE INFO.](#)



FUNCTIONALITIES & FEATURES

Biomarkers Location

UMI DR software detects and locates lesions related to the early stage of diabetic retinopathy, being an ideal solution for diabetic retinopathy screening programs and a diagnostic support tool for specialists.

Instant Results

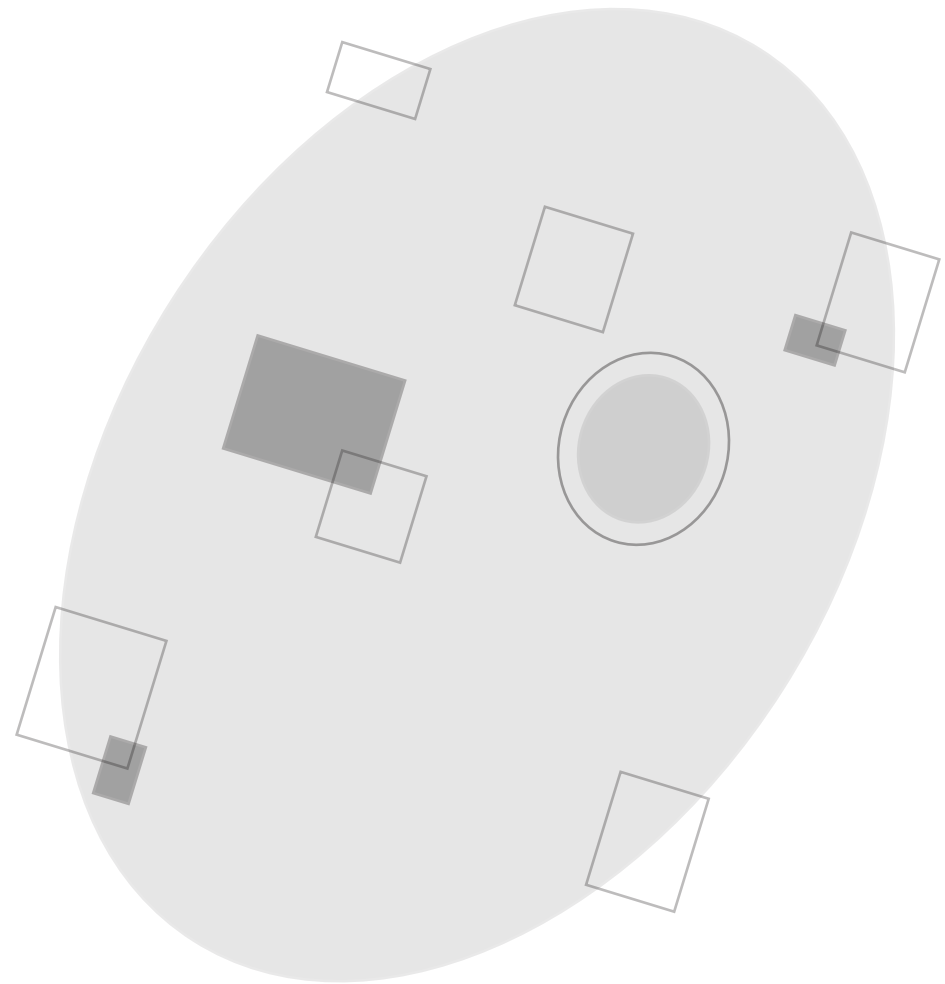
Within seconds, UMI DR software provides a comprehensive and customizable result report to support diagnosis.

Compatibility

The software is compatible with the most common fundus cameras available on the market. Its adoption to other devices does not suppose any complication.

Hosting

You have two hosting options: self-hosted and cloud-hosted through the UMI platform, a scalable web application for ingest, archive, display, interoperability, traffic management, and transfer of medical images and clinical data.



PATIENT MANAGEMENT SYSTEM

UMI Platform

UMI is a scalable web platform that can be adjusted for either large hospitals and centres or the needs of small and medium clinics. It can manage and optimise diagnostics and follow-up processes by combining several tools for updated data analysis and automatic diagnostic reports generation in different modes.

UMI manages information in a centralised way and can carry out full traceability of the patient's clinical history. All of that can be done through a simple and intuitive interface so healthcare professionals with different qualifications can use it.

[MORE INFO.](#)



FUNCTIONALITIES & FEATURES

Job Lists

UMI Platform collects and distributes medical images and data among different users, thus creating a personalised job list.

Data Visualisation

With UMI you can view updated information about users, patients, studies, devices and medical centres with an easy and simple interface.

Annotation Tools

UMI provides a series of tools for labelling, counting and measuring structures and lesions in different kinds of medical images.

Full Traceability

UMI leaves a record of every update and diagnosis made by different professionals in the clinical history of each patient.

Generation reports

You can create different studies associated with each patient and generate clinical reports that can be saved for downloading or sending.

Hardware Connection

Different devices from different centers can be managed with UMI Platform for carrying out image capture and management processes.

Diagnosis Software

It is compatible with the UMI artificial intelligence modules for automatic analysis diagnosis and monitoring of different illnesses.

Interoperability

UMI Platform synchronises itself with different Hospital Information Systems as well as Electronic Health Records of each patient.

Telemedicine Module

UMI Platform is suitable for implementing efficient telemedicine systems for extending specialised services remotely.

TELEOPHTHALMOLOGY SERVICE

Our comprehensive telemedicine services provide easy to use and intelligent capturing devices and medical software that optimises coverage, times, costs and the infrastructure needed to provide specialised ophthalmology screening services.

ULMA accompanies the technological solution with remote ophthalmology back-office that support the general practitioners responsible for patient assistance and examinations.

OCCUPATIONAL HEALTH

Prioritizing the health and well-being of employees is fundamental to society and beneficial to companies and even public health. Visual impairment and blindness caused by exposure to risks external or internal to the workplace, affect the quality of life of workers and hinder or nullify their productive capacity.

The companies implement preventive surveillance and health promotion models to identify and thus avoid or mitigate risks, but they do not have ophthalmic services to complete the standard examination (visual acuity and tonometry) with the fundus image and thus identify in the retina still asymptomatic diseases in early stage.

ULMA offers an advantageous comprehensive teleophthalmology service for all types of prevention services (own, joint or external), reducing internal costs and the dedication of specialized personnel, while increasing the accessibility of client companies through optimization of the budget allocation.

RESIDENTIAL

ULMA has adapted its teleophthalmology service to respond to the challenge of population aging, within the strategy of the Provincial Council of Gipuzkoa (DFG) to maximize the potential for innovation at the service of healthy aging. The service makes it possible to maximize the periodic actions of comprehensive health surveillance in people +65, who, due to lack or loss of adherence to annual vision check-ups, have their independence and quality of life interrupted. ULMA's user-friendly technology makes it possible to extend and adapt the ophthalmological service only available in hospitals to the needs and environment of the person.

This innovative care model allows to reinforce preventive actions by creating a cooperative environment between the different actors who seek the well-being and health of the person and their environment: the caregivers and assistants who are in the day-to-day with the person, the health system public, and Basque society.

