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ULMA Medical Imaging

Type of organization

AI, Bid data application/ digital health solution supplier

Headquarters (country)

Spain

Maturity Level

 In the market

Organization description

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.

Solution/service description

Detecting Diabetic Retinopathy is a manual time consuming process that takes many economic and specialised staff resources. As the number of diabetics keeps growing and the lack of specialised staff increases, the existing infrastructure for screening diabetic retinopathy will become even more deficient and unsustainable. Faced with the need to have cost effective and accessible tools for improving and automating screening processes at ULMA we have developed a comprehensive solution that can solve that issue by optimising available resources and improving accessibility to this kind of programmes.

Our solution gives professionals an automatic, accessible and cost effective tool for aiding diagnosis that helps in prevention and early diagnosis of Diabetic Retinopathy in diabetic population screening processes. It will make their daily work easier and it optimises resource management and contributes to reducing the prevalence and rate of the illness and, consequently, to lowering the health care costs it entails.

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Features/product description

Ophthalmology is one of the medical specialities where imaging techniques play an important role in diagnosing and monitoring diseases. The high cost of equipments and the difficulty in use limits access to these devices and tools for centres with fewer economic resources. There is a need for cost effective and accessible devices and tools for the prevention and early detection of diseases. Our solutions respond to this need by offering economical and easy to use equipment and devices.

Our comprehensive solution is composed by a telemedicine platform specifically designed for managing eye related disease, an AI module for the detection of the early stages of diabetic retinopathy and a non-midriatic portable fundus camera for capturing the images needed to diagnose diabetic retinopathy.

Contact

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