

# MyOCT



Ophtalmologist Image Analysis website  
supported by Machine Learning Engine

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## OVERVIEW

MyOCT is a website made for ophtalmologists that lets them upload retina cuts (OCT scans) and automatically analyzes the images for them. They have access to several features through the website interface as well as all the pertinent data.

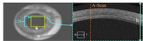


Image taken from OCT publication: Automated Detection and Measurement of Foveal Angle and Macular Hole in Spectral-Domain Optical Coherence Tomography Images.  
By Dr. Ahmad Dhaini

Interpreting OCT scans manually is error prone, time consuming and observer dependent. However with the engine used for MyOCT, results have proven to have an accuracy rate of over 99% with an analysis time that doesn't exceed a few seconds.

## Technology Stack



## FEATURES



### Manage Patients

The doctor can create projects, in which he can add multiple patients



### Upload Image or Video

The doctor can upload an image or a video to be analyzed for each patient. Videos will be interpreted as a series of images



### Analyse Image

The engine generates all the relevant data, the doctor then has the option to display any of it via a carefully designed user interface



### Generate Statistics

The doctor can view generated graphs using the data retrieved from the uploaded images



### Download pdf report

The doctor has the option to download a pdf report containing the statistics of a patient

