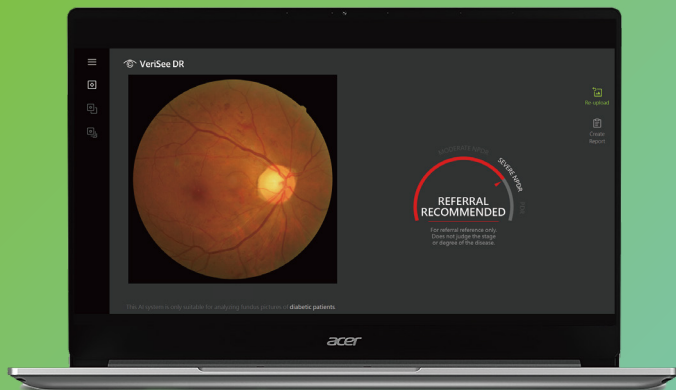


# VeriSee DR

AI-assisted Diagnostic Software for  
Diabetic Retinopathy



“Clinically-proven performance”



\* The product appearance is for reference only.

## Automated Analysis & Immediate Results

VeriSee DR is a diagnostic software for diabetic retinopathy (DR). It utilizes artificial intelligence (AI) to assist healthcare providers to analyze retinal images for signs of DR and immediately outputs recommendation on referral to ophthalmologists. The analyzed results can be edited with additional annotations before exporting as a PDF file. VeriSee DR has a screening accuracy of 93%, which is comparable to ophthalmologists. It is an effective solution that can expedite the screening process, increase the volume of screenings, improve the accuracy and consistency of the results, reduce costs, and improve patient outcome.

## Recommended Hardware

<b>CPU</b>	Intel® Core™ i5 or above
<b>Graphic Card (Optional)</b>	Nvidia GTX1080 or above (Supports Nvidia GPU with 6G RAM or above)
<b>Storage</b>	500 GB
<b>RAM</b>	8G or above
<b>OS</b>	Windows 10x64

## Software Specification

<b>Input Data</b>	Color fundus image (.jpg or .png)
<b>Output Result</b>	Result will be displayed in the browser with the option to export report in .pdf
<b>License Options</b>	- Perpetual licensing - Subscription licensing

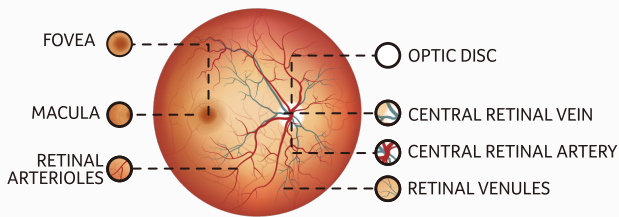


If you would like to learn more about VeriSee DR, please contact us at [contact@acer-medical.com](mailto:contact@acer-medical.com) or scan the QR code to visit our site. <https://www.acer-medical.com/>

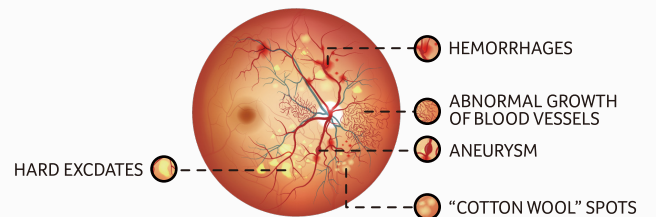
# What is Diabetic Retinopathy?

Diabetic retinopathy (DR) is a complication of diabetes caused by high blood sugar levels damaging the retina. It is estimated that 1/3 of all patients with diabetes will eventually develop DR over the course of their lives. DR is the main cause of legal blindness in people aged 20 – 65. Fortunately, blindness is largely preventable with regular annual screening.

## NORMAL RETINA



## DIABETIC RETINOPATHY



## Current DR Screening Methods

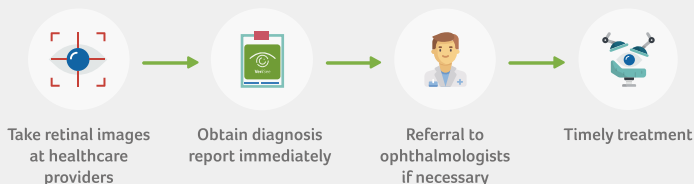
Diabetes patients currently go to nearby clinics for regular checkups. Based on the physicians' diagnosis, if necessary, patients will be referred to an ophthalmologist for a fundus examination. However, there is usually a wait before obtaining the result. The time, cost, and effort needed to comb back for another exam leads to low DR screening rate.



In Taiwan, diabetes patients to ophthalmologists ratio = 2,000,000 to 2,000 (1,000:1)

## After VeriSee DR Implementation

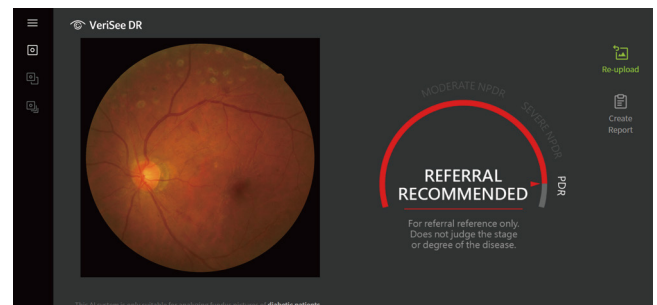
Our targets are clinics and healthcare centers with fundus cameras. Integrating VeriSee DR into the original diagnostic process can greatly assist physicians and expedite DR screening. The result generated by VeriSee DR will indicate whether the patient should be recommended for referral for further examination.



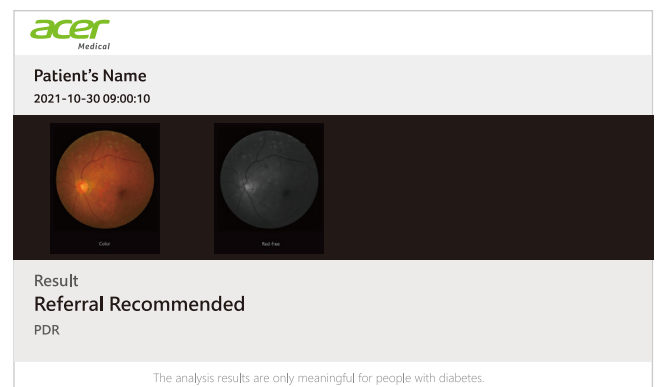
## VeriSee DR User Interface

### Real-time Mode

After installing VeriSee DR into a computer connected to the color fundus camera, you may set up the captured image exporting folder path through the options menu. When a new fundus image is taken, VeriSee DR will automatically begin the analysis.



The report can be exported as a PDF file, and customized content for the report is possible.



### Batch Mode

VeriSee DR batch mode allows for the analysis of up to 1,000 fundus images simultaneously. The results will be output as a CSV file.