



KALEIDOS



ADAPTICA



VISIONFIT

**Advanced Refractive Technologies:
From Mobile Vision Clinic to Daily Practice**

Dr. Harbir Sian, OD



About Me

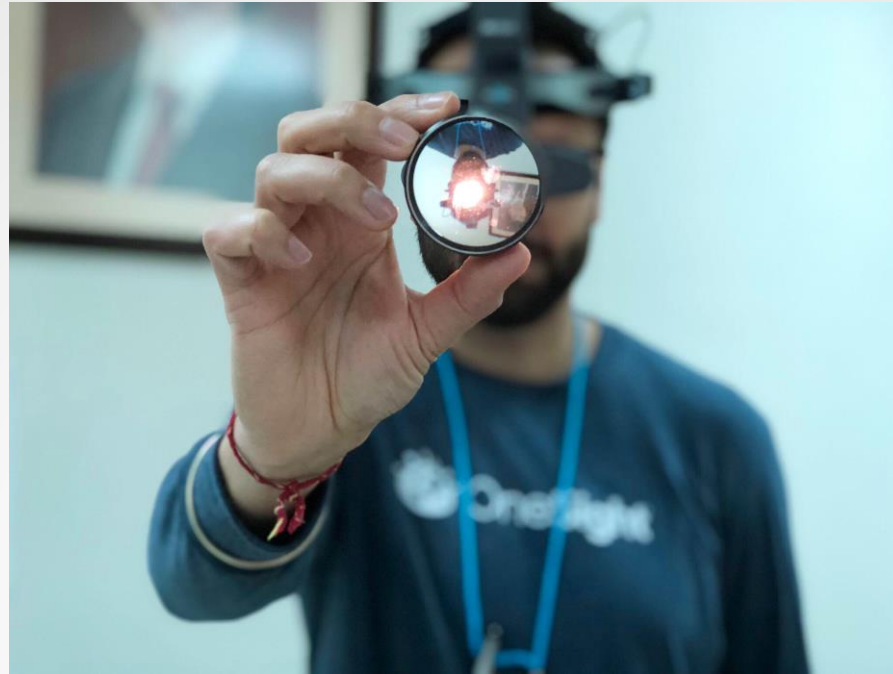
Co-owner of 2 optometry practices

Outreach/education

- AboutMyEyes.com
- The 20/20 Podcast
- Consulting/speaking

NGO

- OneSight
 - 2 Global, 1 NA
- The Eyeglasses Project
 - Board member, clinical coordinator



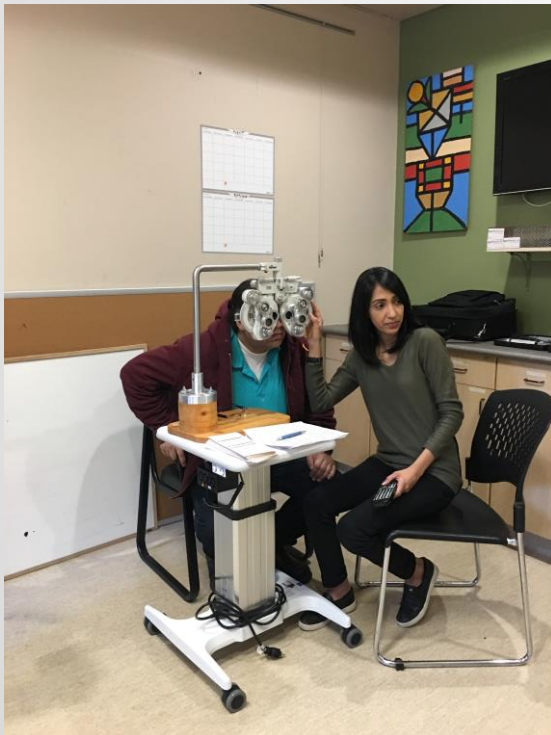


Mobile Vision Clinics





Mobile Vision Clinics





New Options in Refractive Technology



KALEIDOS



VISIONFIT





KALEIDOS

KALEIDOS is a binocular mobile refractometer and vision analyzer that measures the refraction of both eyes at the same time.

- Objective Refraction, no pupil dilatation needed
- Monocular and Binocular measurement
- Works well in any light conditions
- Fast and fully automated
- Portable/transportable





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The Refraction Evolution



1880



1900



1965



2000



VISIONFIT

VisionFit SC is an innovative **electronic, tunable, mobile** and **wearable** system of lenses

It performs a subjective sight examination and it effectively **replaces** both the **trial lenses** and the the manual/electronic **phoropter** functionality



2015



VISIONFIT





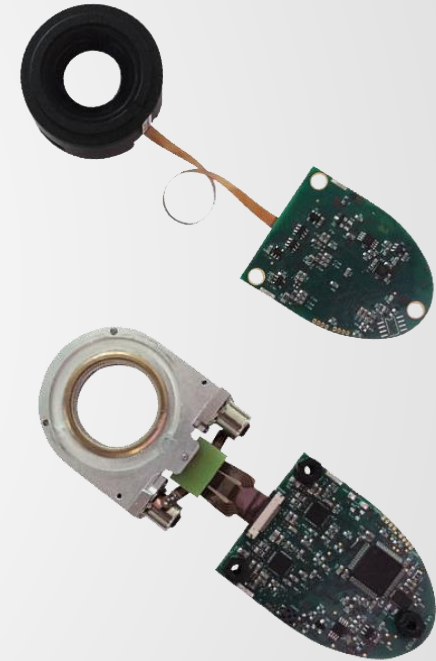
VisionFit SC Adaptive Technology

Adaptive Spherical Lens technology:

Membrane deformation, liquid within 2 surfaces and electronic control.

Adaptive Cylindrical Lens technology:

Rotating cylinders, continuous power, position adjustments and electronic control.





VISIONFIT





How to Choose the Tablet

The application works perfectly on this recommended tablet model:

Samsung Galaxy Tab A SM-T850

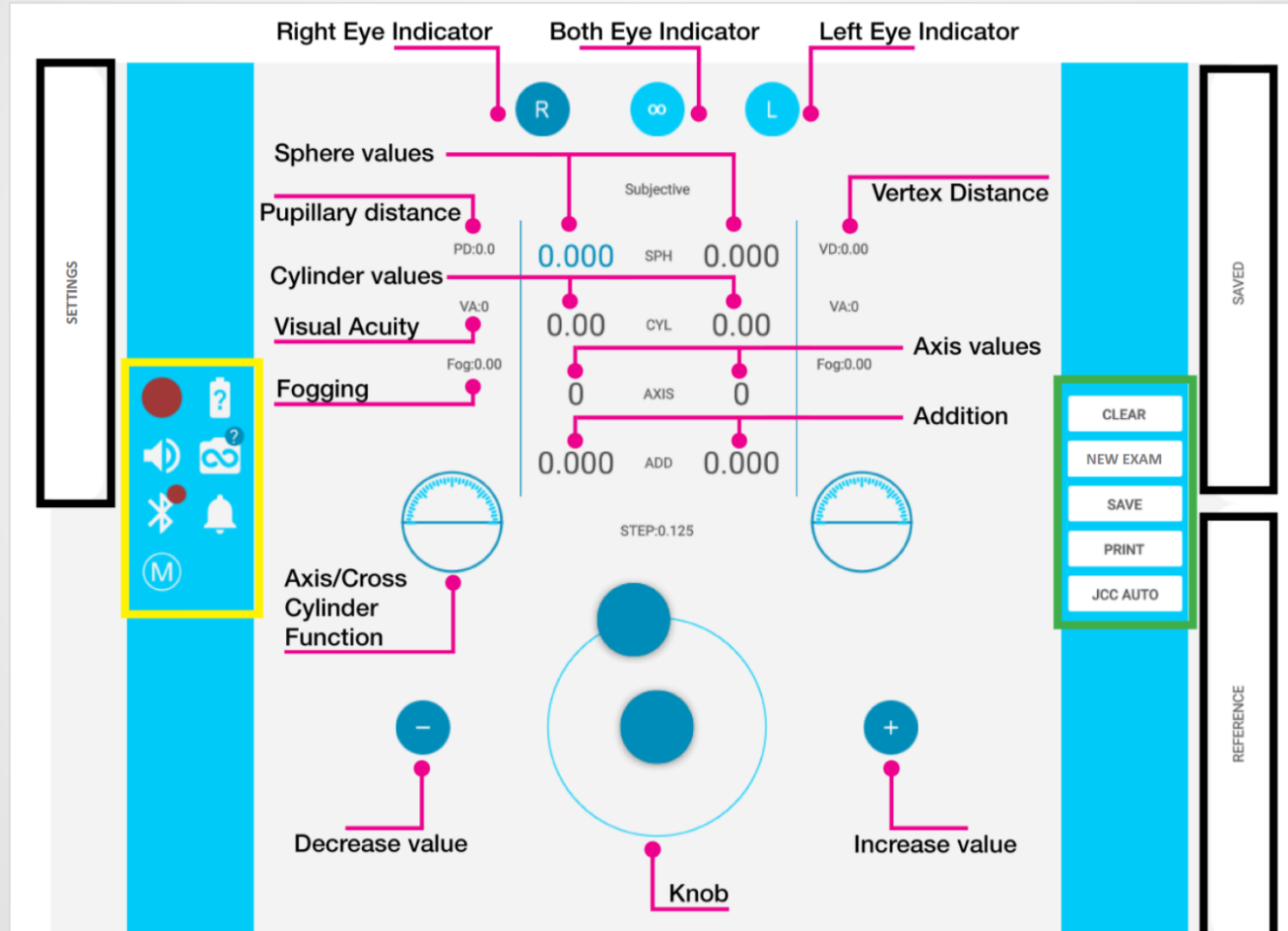
You can use any other tablet as long as it has these basic features:

- Android 8,0 or more
- Screen Size: 10 inches
- Bluetooth: 4.0 Low Energy or newer

In case you are using a different tablet, Adaptica cannot assure a proper functioning of the system



The App





Features

#1: 2 WIN

PD:0.0	-0.750	SPH	-1.250	VD:0.00	PD:0.0	-0.750	SPH	-0.750	VD:0.00
VA:- Dec	-0.50	CYL	-0.75	VA:- Dec	VA:- Dec	-0.75	CYL	-1.25	VA:- Dec
	16	AXIS	168			16	AXIS	168	
	0.000	ADD	0.000			0.000	ADD	0.000	

#1: AutoRef

#1: Far Subjective

PD:0.0	-0.750	SPH	-0.750	VD:0.00	PD:0.0	-0.750	SPH	-0.750	VD:0.00
VA:- Dec	-0.25	CYL	-0.75	VA:- Dec	VA:- Dec	-0.50	CYL	-0.75	VA:- Dec
	16	AXIS	168			16	AXIS	168	
	0.000	ADD	0.000			0.000	ADD	0.000	

#2: BCVA

PD:0.00 -0.375 SPH -1.875 VD:0.00

VA:0.00 -0.75 CYL -2.75 VA:0.00

Fog:0.00 28 AXIS 12 Fog:0.00

0.000 ADD 0.000

STEP:0.250

Jcc Cylinder Power Procedure

Navigation controls: back, play, and checkmark buttons.



In-Office Application





KALEIDOS



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THANK YOU!



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Dr. Harbir Sian, OD
DrSian@highstreeteyecare.ca

