

SHORT-SIGHTED ?

**Your Odds
if you are
Myopic**



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GLAU



COMA ODDS RATIO

Myopia

-1.00 to -3.00 = 2.3 x Greater risk.

<-3.00 = 3.3 x Greater risk.

* **RETINAL DETACHMENT**

Myopia

-0.75 to -2.75 = 3.1 x Greater risk

-6 to -8.75 = **21.5 x** Greater risk



* **MYOPIC MACULOPATHY**

-1.00 to -2.99 = 2.2 x Greater risk



Compare this to cardiovascular
disease risk factors?

RISK of STROKE:

Systolic BP of 150-159	= 2.2 x
Systolic BP of >160	= 3.2 x.
Smoking >20 cigarettes a day	= 2.9 x
Systolic BP <140 on medication	= 2.6 x more likely to experience a myocardial infarction.

What does this mean? :- **Myopia is a Disease.**

The **compensation** of myopia by prescribing glasses is an outdated vision related service.

The **treatment** of myopia by the prescription of specific myopia control procedures is a medical service whose benefit is the reduction of sight threatening disease processes.

Orthokeratology and pharmacological measures combined are the best preventive measures to limit myopic progression. There is no "safe" level of myopia. Forget about the idea of pathological myopia starting at -6.00. It's all pathological.

An "Odds Ratio" of 1.5 means that the second factor is 1.5X as likely to happen if the first factor is present.