



Optometry Wales
Optometreg Cymru

A Career In Optometry

What is an Optometrist?



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https://youtu.be/UAm8HDMK_es?si=tUnxLKoOIrfa-1Fr

'Doctor of the eyes' on the high street



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1. Detecting eye disease
2. Treating eye disease
3. Monitoring eye disease
4. Correcting vision



1. Detecting eye disease



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Normal vision



Eye Disease - Cataract





Healthy internal eye



Wet macular degeneration : haemorrhage



Normal vision



Eye Disease – wet macular degeneration



2. Treating eye disease



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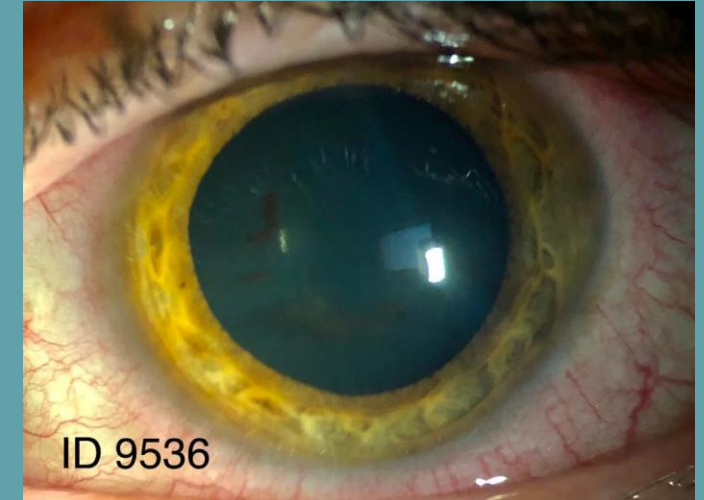
Before treatment



Eyedrops



After treatment



Virus infection



Metal removal

3. Monitoring eye disease e.g. Glaucoma

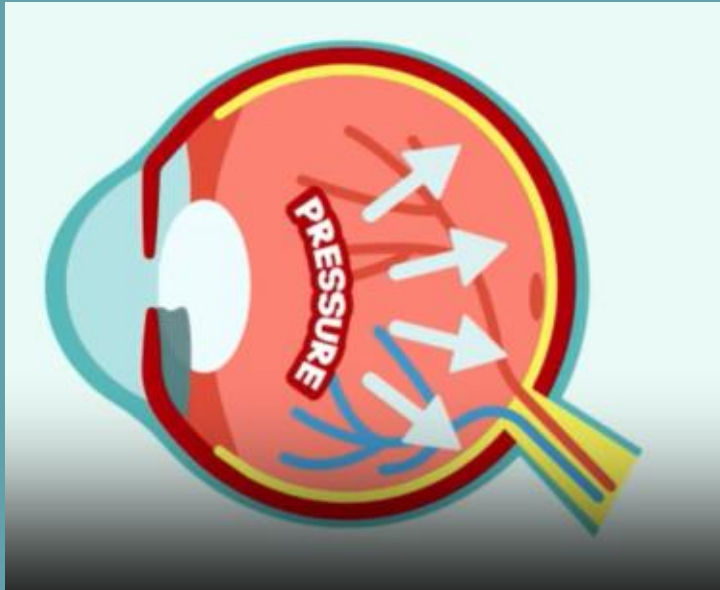


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Normal eye nerve



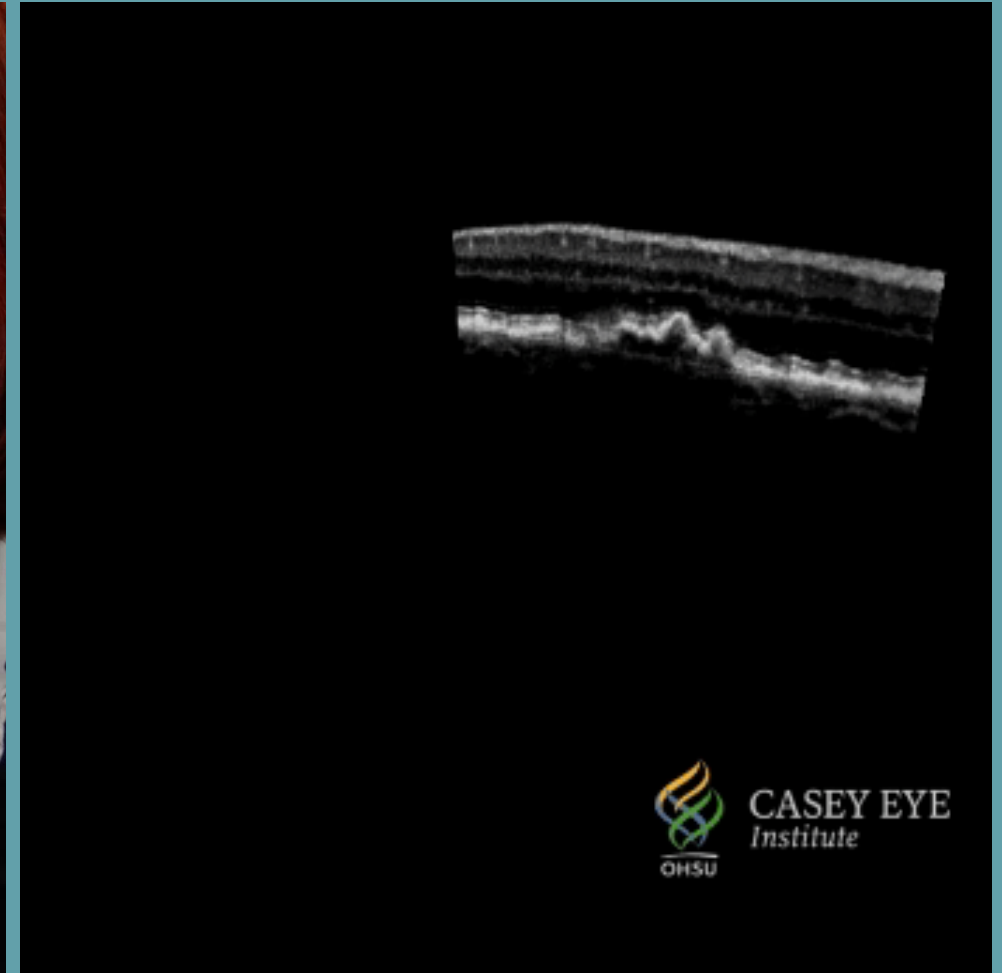
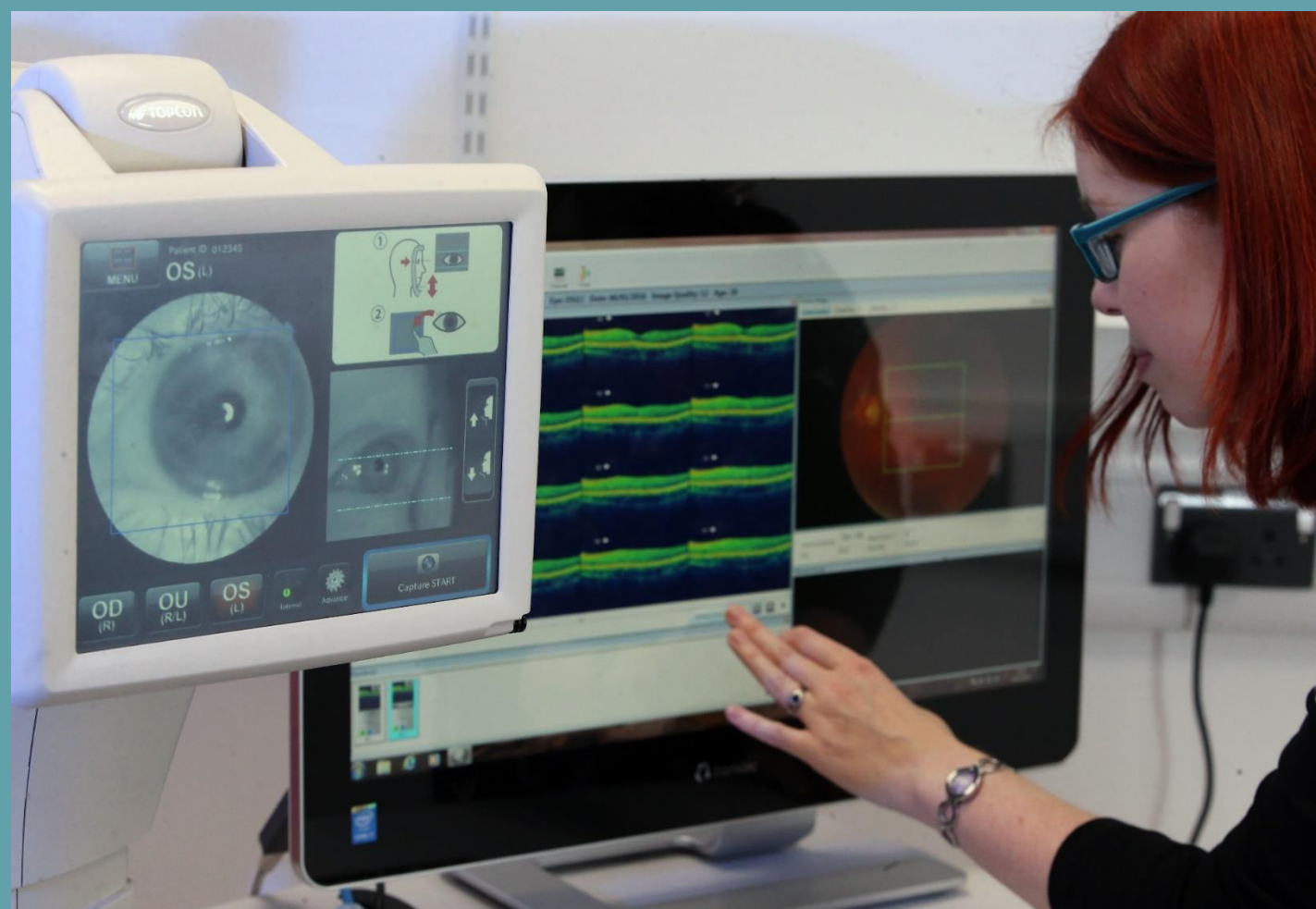
Glaucoma disease



The latest technology: Eye scans (OCT)



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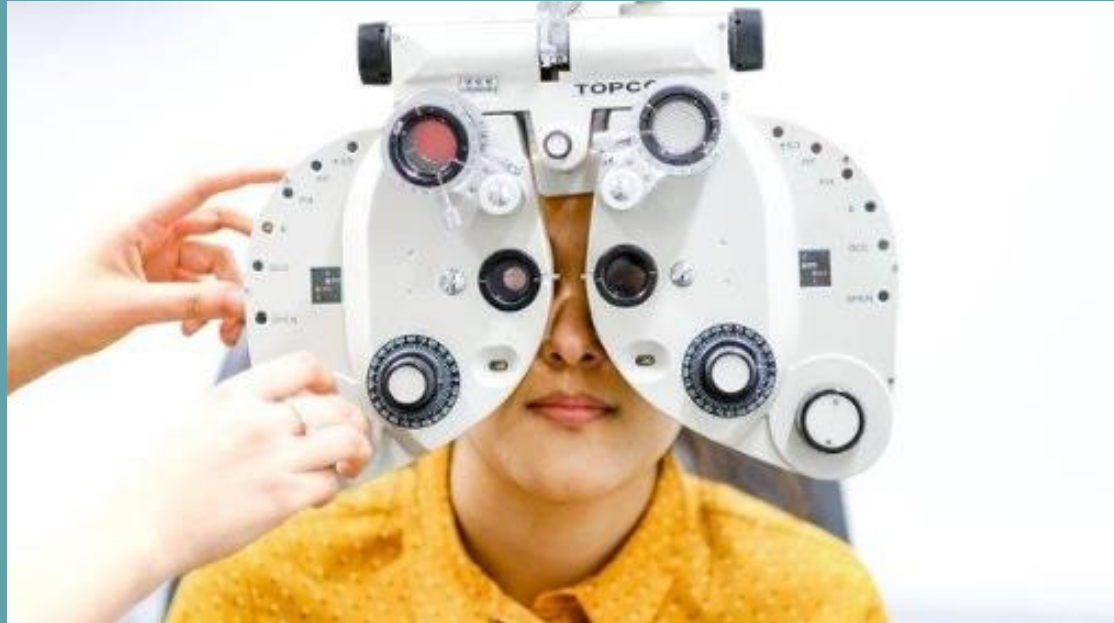


 **CASEY EYE**
Institute
OHSU

4. Correcting vision



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Myopia (short-sightedness)
Hyperopia (long-sightedness)
Astigmatism
Presbyopia (reading glasses/varifocals)



Correcting vision



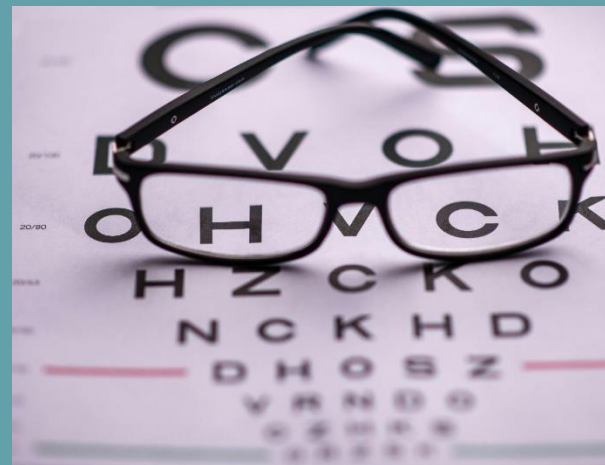
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Normal vision



Short-sighted



Improving people's vision



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What is a Dispensing Optician?



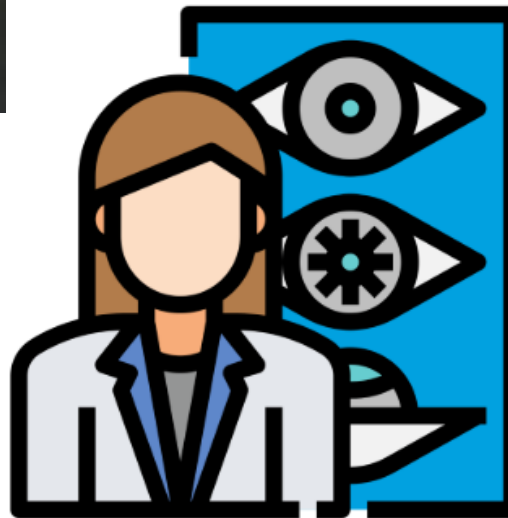
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<https://youtu.be/wVk2e8p6q1c?si=cihBDMK06YXtqA67>



[Dispensing optician careers - go with something you enjoy - YouTube](#)



What is a Contact Lens Optician?



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Contact lens optician – Careers in Eyecare

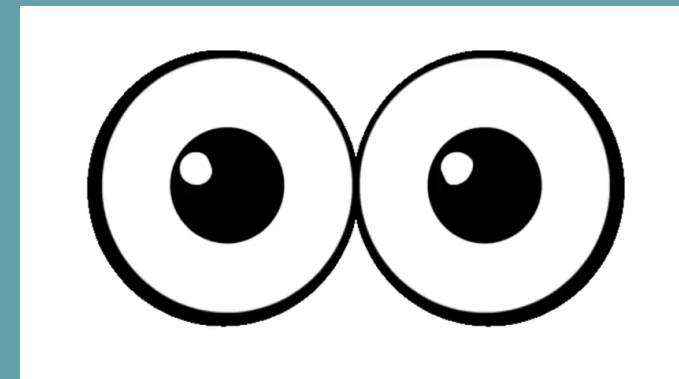




<https://youtu.be/9fqvY7zBnd8?si=mkDda16fBz698uNn>



- Helping people to see and saving people's sight
- Excellent job satisfaction
- Work part time and flexible hours
- Run your own business
- Can be self-employed (locum)
- Choose where you want to work and when
- Hospital, high street, university, home visits, research, charity
- Career breaks for travelling abroad
- Average salary for optometrists is £61,000 when experienced (can be higher for business owners)

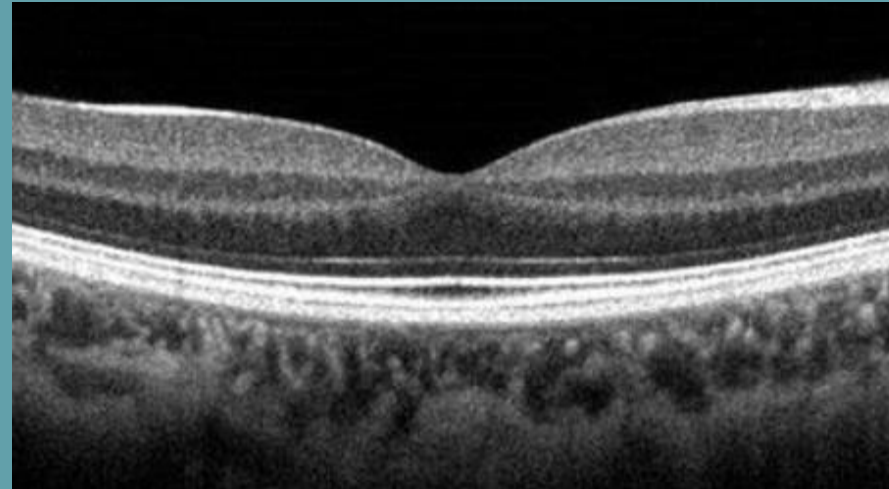




- Glaucoma
 - Medical Retina (inc. macular degeneration and diabetic eye disease)
 - Urgent Eye Care and Independent Prescribing
 - Low Vision (magnifier devices)
 - Paediatrics (children)
 - Eye injections
 - Laser eye treatment for glaucoma
 - Specialised contact lenses
 - Cataract assessment
-
- Cardiff University Optometry 4 year MSc includes 1 year working placement
 - includes many of the higher qualifications



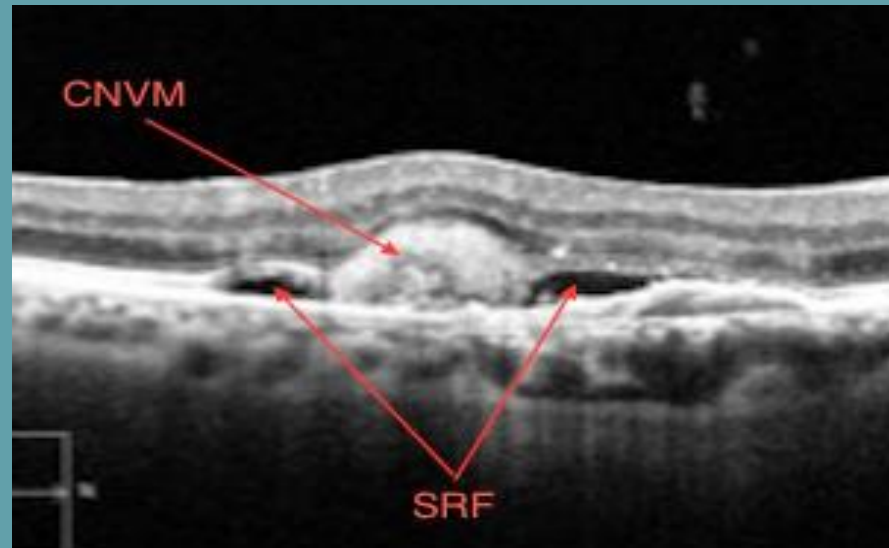
Normal retina scan



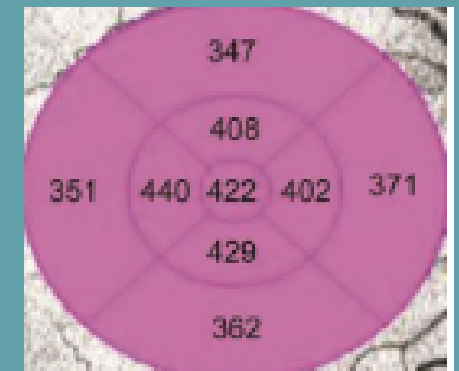
AI engine says normal



Macular degeneration disease



AI engine says abnormal



Conclusion

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www.optometrywales.org.uk

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More information:

[What is an optometrist? - College of Optometrists](#)

[Optometry – HEIW](#)

[School of Optometry and Vision Sciences - Cardiff University](#)

[Career choices](#)

[Career guides – Careers in Eyecare](#)

[Explore a great career as a dispensing optician – Careers in Eyecare](#)

[Dispensing Optician Careers Profile - HEIW](#)