Why Choose Us



Professional and experienced doctors



A strong support system and network



One of the eye specialist to introduce ZEISS SMILE® and ZEISS SMILE® Pro technology in Malaysia



Over 310,000 satisfied patients



Lifetime vision



Wide range of treatment options, all under one roof



Operates a private eve hospital in Penang



certified



OPTIMAX Treatment Results & Analysis System (OTRAS)



Multi-Award Winning Eye Specialist Centre

2024 2023 2022 Global Health Asia-Pacific Awards

2024 Parents' Choice Awards

2023 Malaysia Book of Records

2017 Malaysia Health & Wellness Brand Award

2016 MRCA National Growth Award

2016 Frost and Sullivan Award

2015 Sin Chew Business Excellence Awards

































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Southern Region











DISCLAIMER: The information in this brochure is not intended to be a substitute for professional medical advice, diagnosis or treatment. All content, including text, graphics, images and information is for general information purposes only. If you have persistent vision health problems or if you have further questions, please consult our ophthalmologists. For internal distributions only.

OPTI **HEAL**



OPTIMAX

New Vision New Life®

Eye Diseases Management

Management of Eye Diseases and other **Ocular Conditions**

Many eye diseases can pose serious risks to one's vision if not treated early. Our priority at Optimax is to preserve our patients' eyesight, allowing them to live life to the fullest. Hence, we also specialize in managing a wide range of eye diseases and other ocular conditions.





KKLIU: 3132 / EXP 31.12.2026

Dry Eye





Dry eye is a common condition whereby a person does not have enough quality tears to lubricate and nourish the eye.

Causes of dry eye

- Dry, dusty & windy conditions
 Insufficient tears
- Excessive use of computers and handphones
- Underlying systemic diseases
 Aging
- · Certain medications (antihistamines, birth control pills etc)

Signs and symptoms

· Red and itchy eyes

· Foreign body sensation

Treatment

Artificial tears

Glaucoma





Treatments

Lasers

Various evedrops

Surgical treatments

It is a condition characterized by progressive loss of vision due to optic nerve damage. It is broadly classified into: Open angle glaucoma and Close angle glaucoma.

Cause of glaucoma

Increase of internal eye pressure due to various reasons.

Signs and symptoms

Open angle glaucoma

No symptoms

Close angle glaucoma

- · Nausea, red & painful eyes
- · Seeing rainbows around lights

Conjunctivitis (Red eye)





Conjunctivitis is the swelling of the conjunctiva, a thin membrane that covers the white part of the eye and inner evelids.

Causes of conjunctivitis

- · Bacterial or viral infections
- · Exposure to allergens, dust and smoke

Signs and symptoms

- Red and itchy eyes
- · Excessive tearing
- . Eye discharge and lid crusting

Treatment

· Eyedrops to treat the infection or allergy

AMD (Age-related Macular Degeneration)





AMD occurs when the delicate cells of the central retina (macular) gets damaged and stop working. There are 2 types of AMD: Dry AMD (more common) and Wet AMD (more serious)

Causes of AMD

Aging
 Smoking
 Excessive sun exposure

Signs and symptoms

- Blurring and distortion of central vision
- Sensitive to bright lights
- Poor vision in dim places

Treatments

Dry AMD: To monitor

Wet AMD: Laser treatment

and intravitreal

injections

Pterygium





Pterygium is the painless growth of a clear, thin tissue that lines the white part of the eye. It is generally harmless.

Cause of Pterygium

Excessive sun exposure

Signs and symptoms

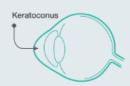
- Foreign body sensation
- · Increased astigmatism in advanced cases

Treatment

- Surgical removal
- if necessary

Keratoconus





Keratoconus is a condition where the cornea thins, weakens and becomes abnormally cone-shaped. It can cause vision deterioration if untreated.

Who is at risk?

- Family history
 High astigmatism
- Chronic eve allergies and eve rubbing

Signs and symptoms

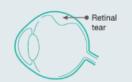
- Distorted vision
- · Sensitive to bright lights
- . Double vision in one eye

Treatments

- · Rigid contact lenses
- · Surgical treatment

Retinal Detachment





Treatment

· Surgical treatment

Retinal Detachment is a condition where the retina separates from the wall of the eye. It is a medical emergency.

Causes of retinal detachmnet

Short-sighted eyes are at higher risk
 Eye injury

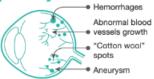
Signs and symptoms

- Seeing floaters

- · Seeing a black curtain over the field of vision

Diabetic Retinopathy





Diabetic retinopathy is a common complication of diabetes, which causes damage to the cells and blood vessels at the back of the eye (retina).

Cause of Diabetic Retinopathy

The elevated blood glucose levels (hyperglycemia) in a patient with diabetes

· Laser treatment and

- · Severe loss of vision
- . Having a dark or empty spot in the center of your vision

- · Seeing light flashes

Signs and symptoms

Distortion of shapes

Reduced central vision

intravitreal injections

Treatment

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