

Eye is the window to your soul

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 Doheny Eye Institute



Aleandra Okaya

Genesis 1:3-4 (NASB77)

- 3 Then God said, "Let there be light"; and there was light.
4 And God saw that the light was good; and God separated the light from the darkness.
- **3** 神說、要有光、就有了光。**4** 神看光是好的、就把光暗分開了。**5** 神稱光為晝、稱暗為夜。有晚上、有早晨、這是頭一日





John 1:4 (NASB77)

- 4 In Him was life, and the life was the light of men.
- **4** 生命在他裡頭。這生命就是人的光。**5** 光照在黑暗裡、黑暗卻不接受光

In him was life; and the life was the light of men.

**And the light shineth in darkness;
and the darkness comprehended it not.**

John 1: 4,5













What is healthy eyesight?

- 20/20
- Emmetropia

MIS
New York State
1-800-455-4545

F Z B D E
O F L C T
A P E O T F
T Z V E C L
O H P N T Z



How to take care of your eyes?

- Annual exam by an ophthalmologist
- Wear the corrected eyeglasses
- Take care your contact lens
 - Do no sleep with contact lens
- Do not rub your eyes
- Wear sunglasses
- Increase lubrications

Commonest eye problems:

- Dry Eye
- Red Eye
- Foreign body sensation
- Cataract
- Pterygium
- Glaucoma
- Diabetic Retinopathy
- Retinal detachment
- Myopia
- Hyperopia
- Presbyopia

Dry Eye

- Commonest eye problem
- Post-menopausal women
- Contact lens
- Professionals:
 - Computers
 - Writers
- Increased lubrications with artificial tears

乾眼症

- 發熱
- 外體
- 反應眼淚

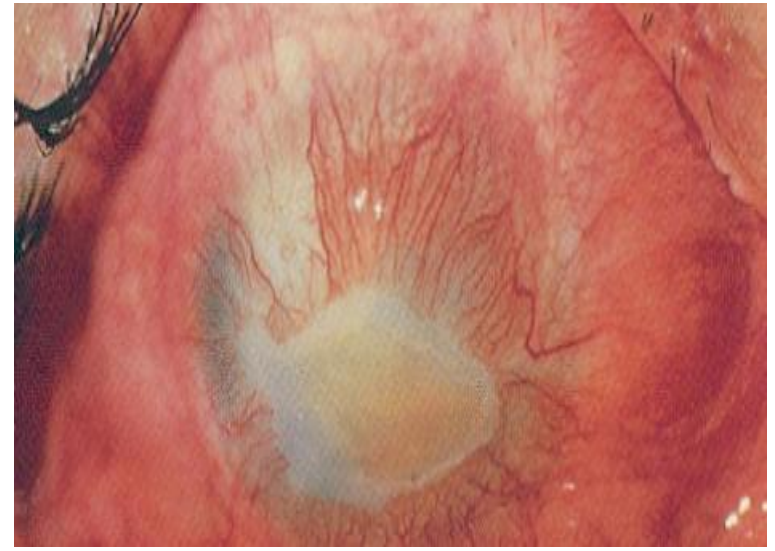
眼 淚

- 潤 滑，殺 菌
- 保 持 角 膜 和 結 膜
- 乾 眼 症

Mild Dry eye



Severe Dry eye



乾眼症聯繫症

- 年 老
- 風 濕
- 氏 徵 候 簇
- 吃 藥 物

DRY EYES: TREATMENT

- Artificial tears
- Lubricating ointment hs
- Punctal occlusion

乾眼症的治療

- 人工眼淚
- 潤滑膏
- 淚管拴塞

Red Eye

- Viral conjunctivitis
- Bacterial conjunctivitis
- Inflammation
 - Uveitis
 - Scleritis
 - Vitritis
 - Retinitis
 - Choroiditis

紅眼症起因

外傷

化學物品

感染

敏感

全身

RED EYE EXAM: A SYSTEMATIC APPROACH

- Face
- Orbit
- Extraocular structures
- Ocular movements
- Eye

紅眼症的驗檢進路

臉 部

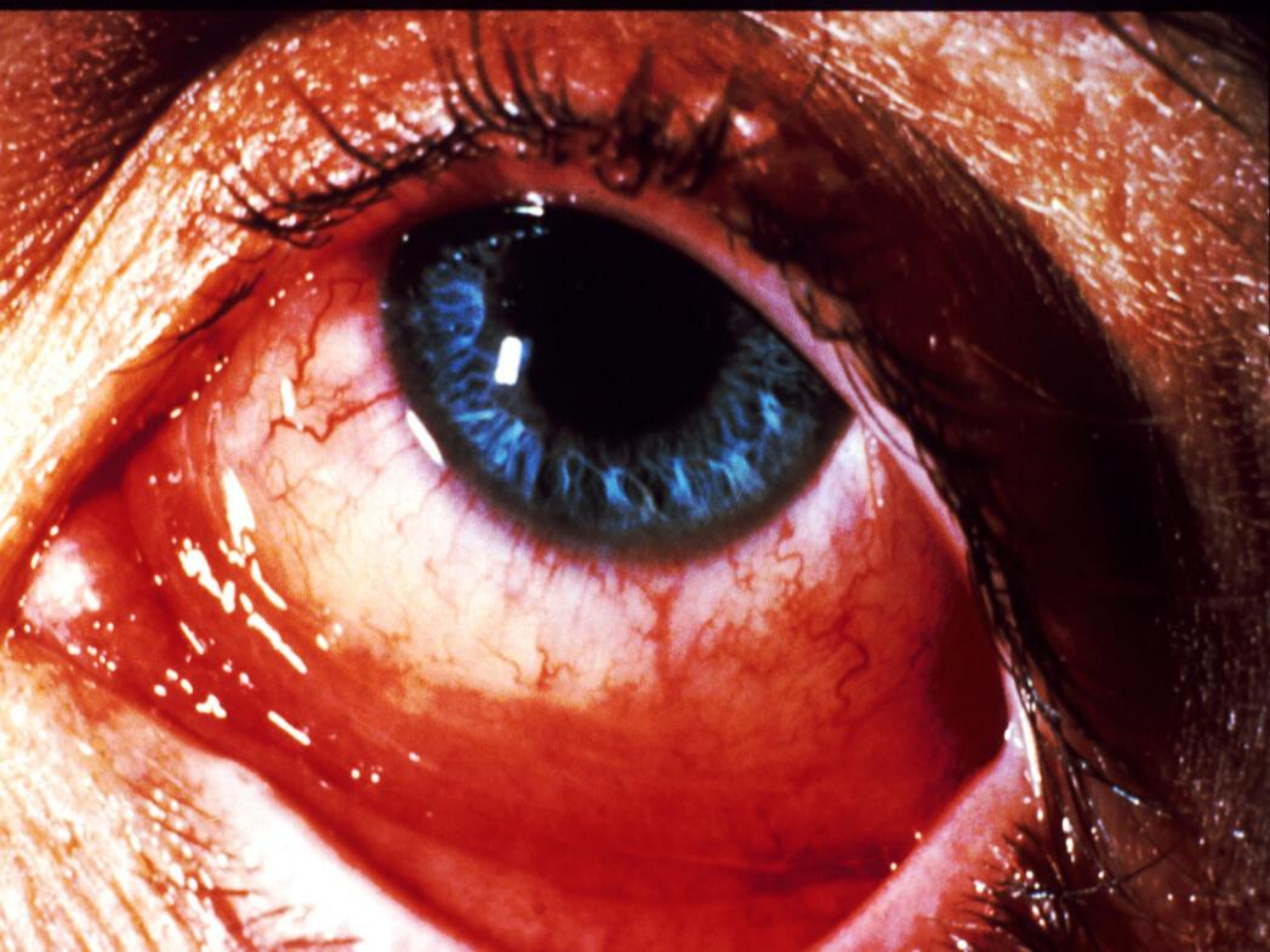
眶 部

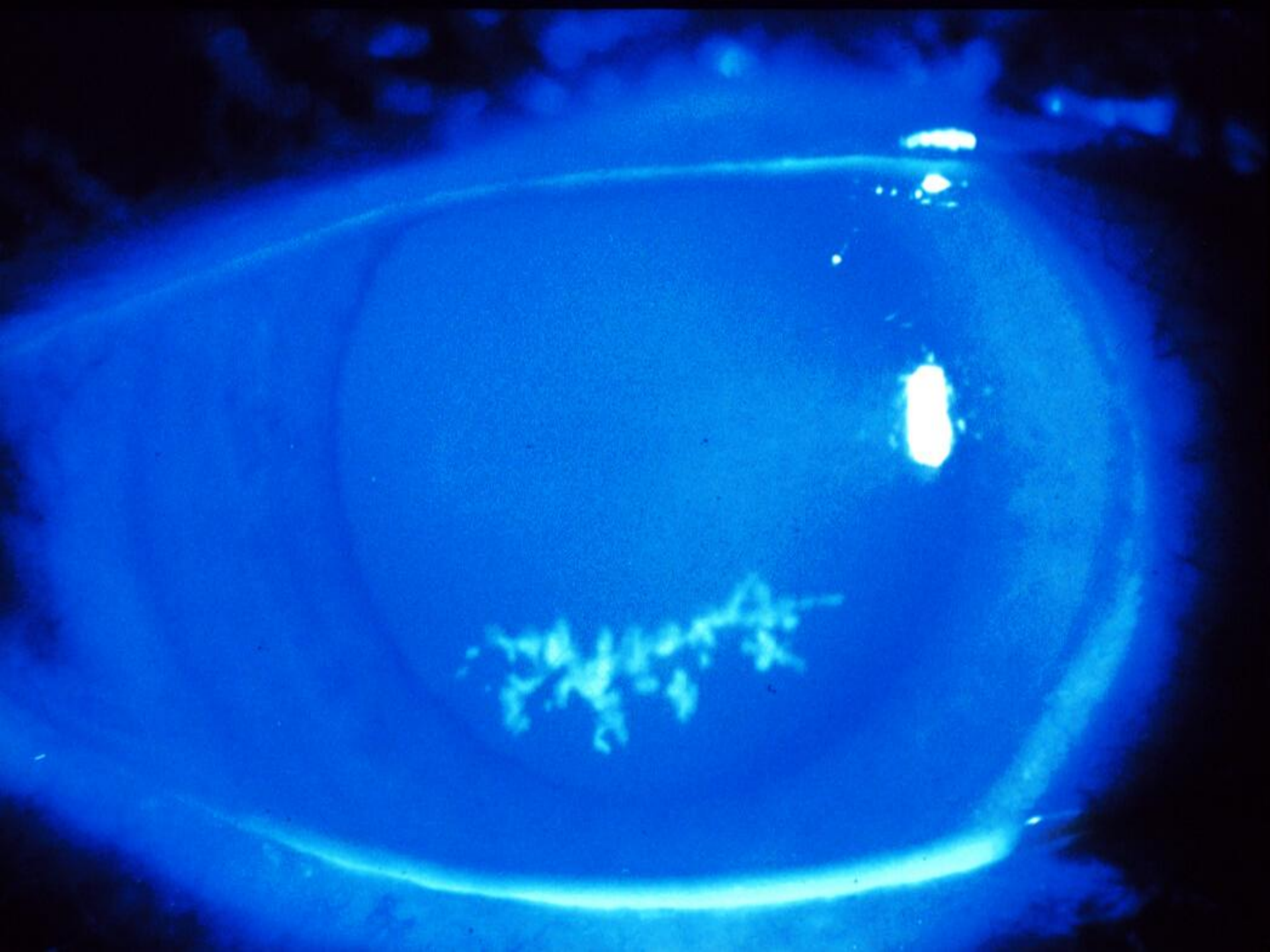
眼 外 部

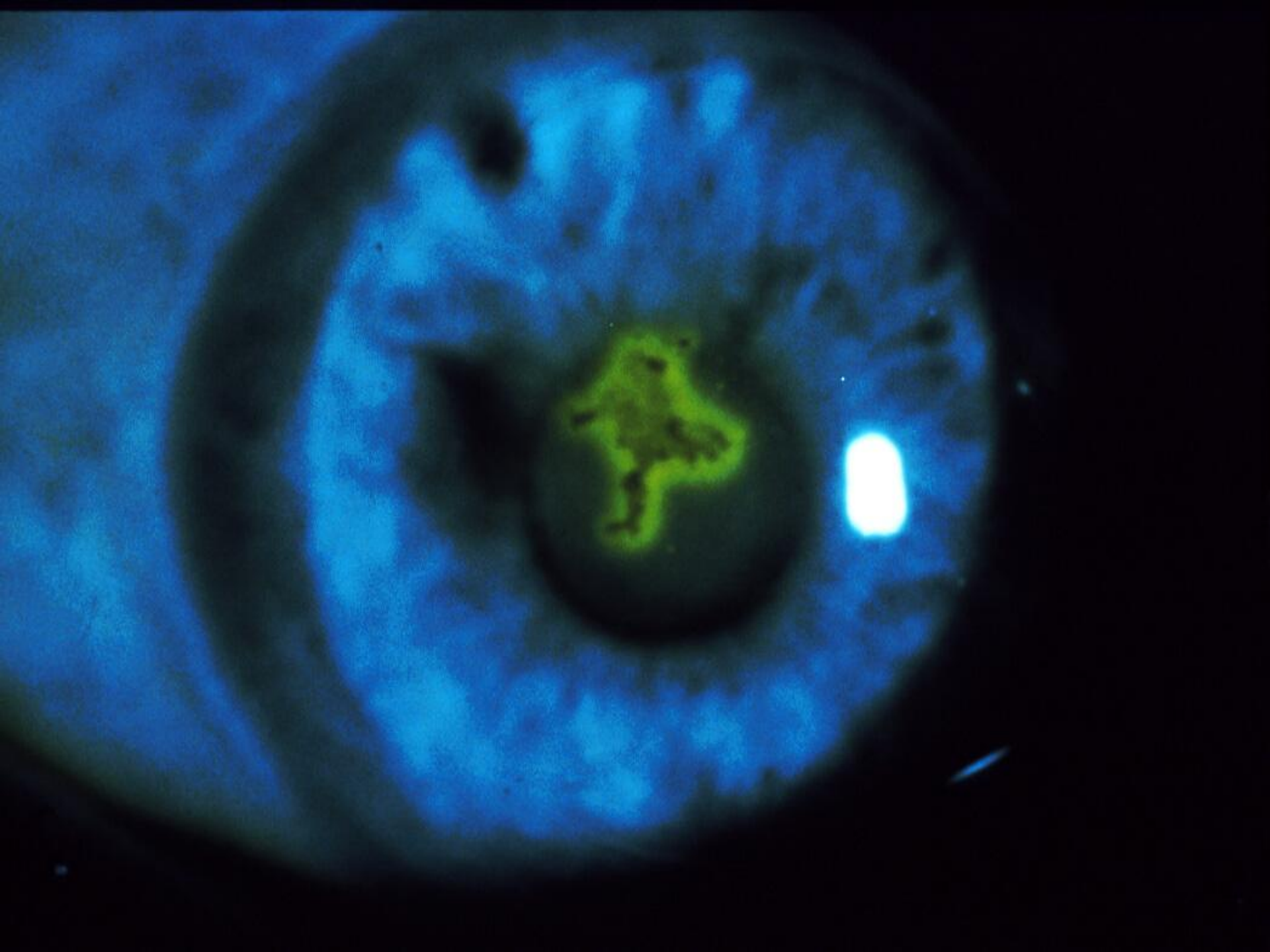
眼 睛 的 運 動

眼 睛



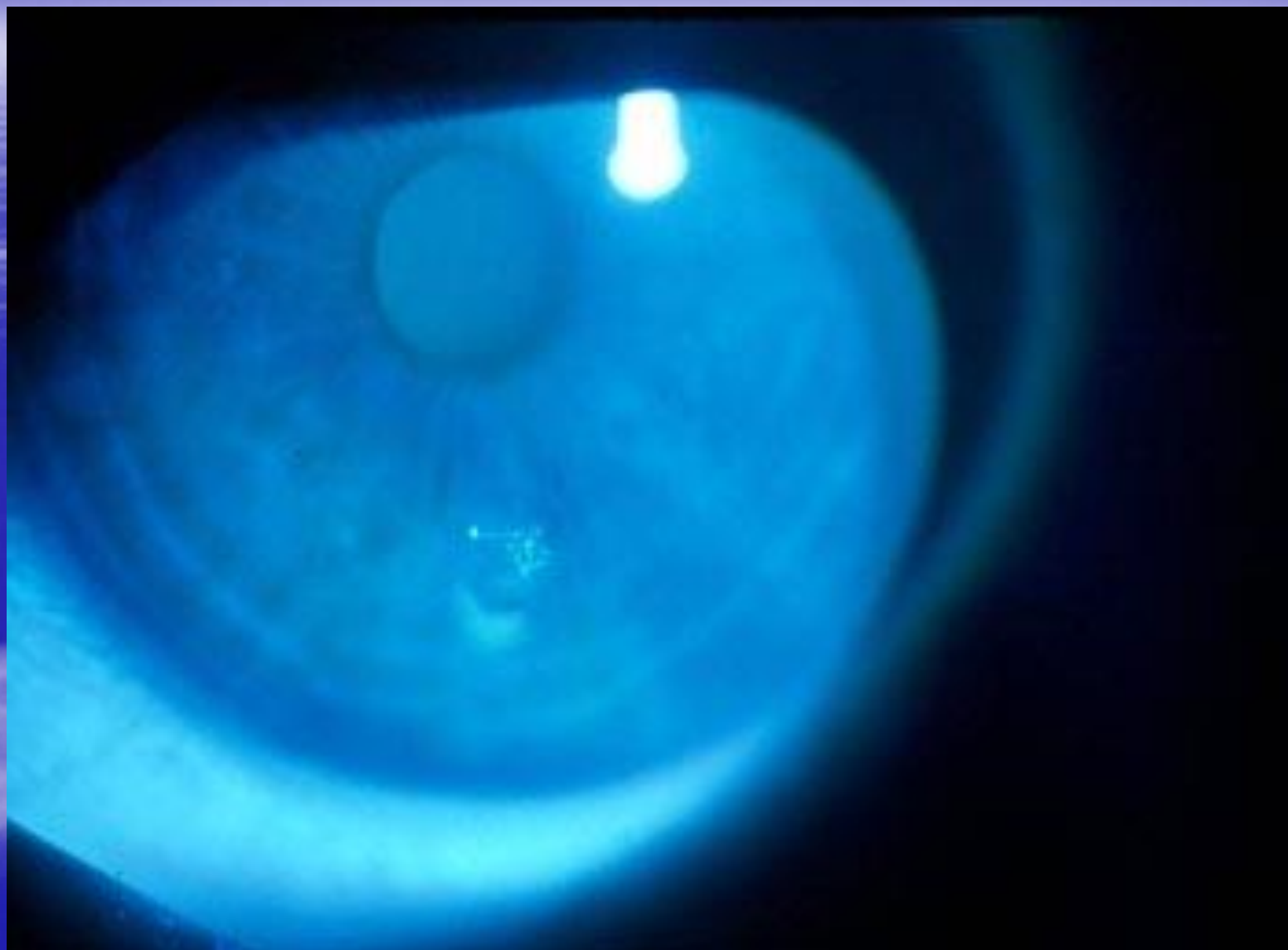






Foreign Body sensation

- Epithelial defect
- Foreign body
- Dry Eye



HORDEOLUM/CHALAZION: TREATMENT

Goal

- To promote drainage

R_x

- Acute/subacute: warm compresses tid
- Chronic: refer to an ophthalmologist

瞼板腺囊腫的治療

目的:

引流

治療方法:

急性: 熱敷

慢性: 轉診眼科



BLEPHARITIS

- Chronic inflammation of lid margin
- Types: staphylococcal, seborrheic, or a combination
- Symptoms: foreign-body sensation, burning, mattering

瞼炎

慢性眼瞼發炎

葡萄球菌，皮脂溢的

症狀：外體感覺，燒傷，眼瞼濕



BLEPHARITIS: TREATMENT

- Lid hygiene: warm compresses, cleansing with nonirritating shampoo
- Antibiotic ointment hs × 2–3 weeks

眼瞼炎的治療

眼瞼清潔：熱敷，不刺激性洗頭水
抗生素：2至3星期

NASOLACRIMAL DUCT OBSTRUCTION: CONGENITAL

- Massage tear sac daily
- Probing, irrigation if chronic
- Systemic antibiotics if infected

鼻淚管道阻塞：先天性

按摩淚囊

用手術打通

感染：抗生素

NASOLACRIMAL DUCT OBSTRUCTION: ACQUIRED

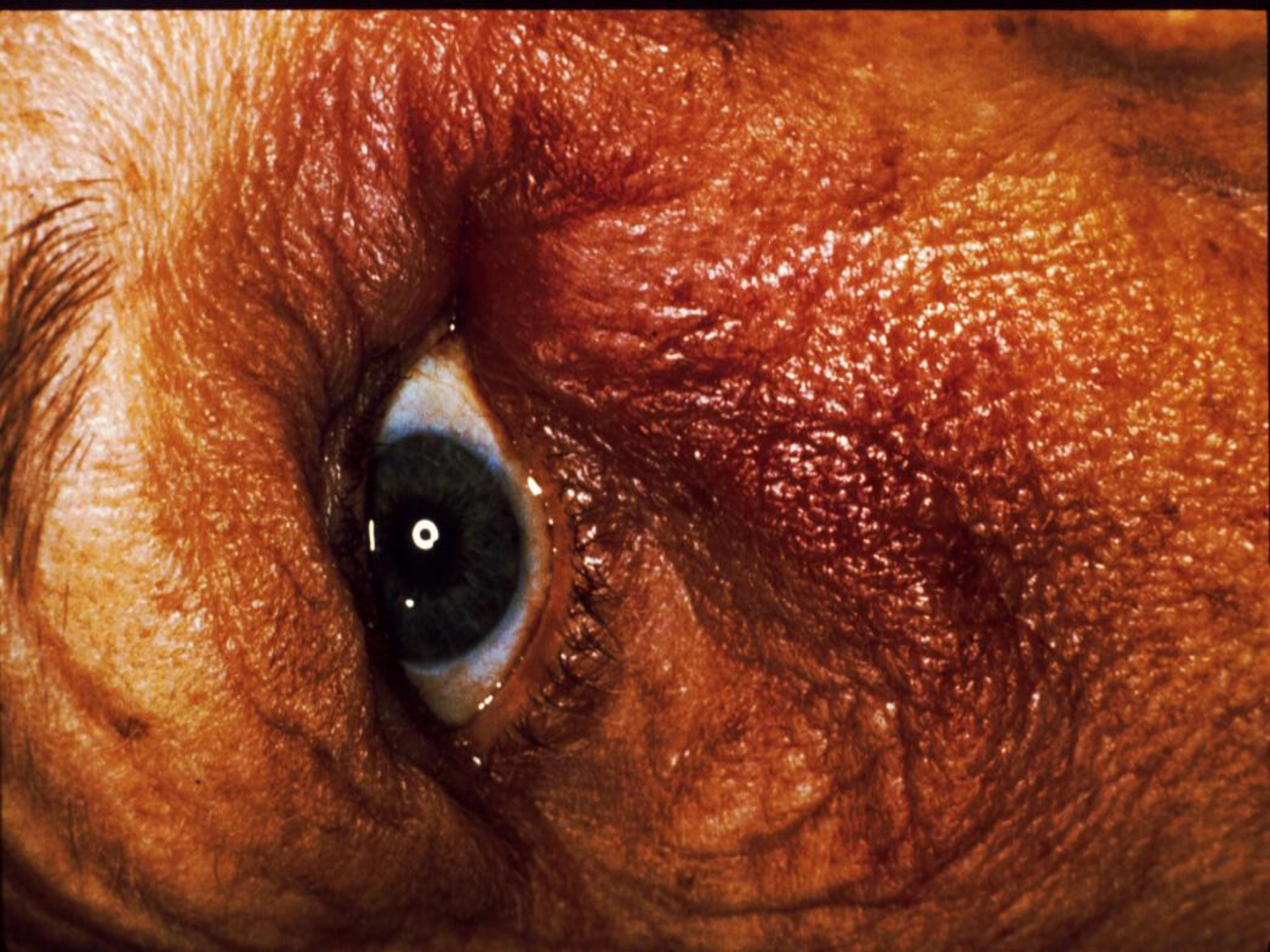
- Trauma a common cause
- Systemic antibiotics if infected
- Surgical procedure
(dacryocystorhinostomy) prn

鼻淚管道阻塞：後天性

站外傷

感染：抗生素

手術：鼻淚管改政



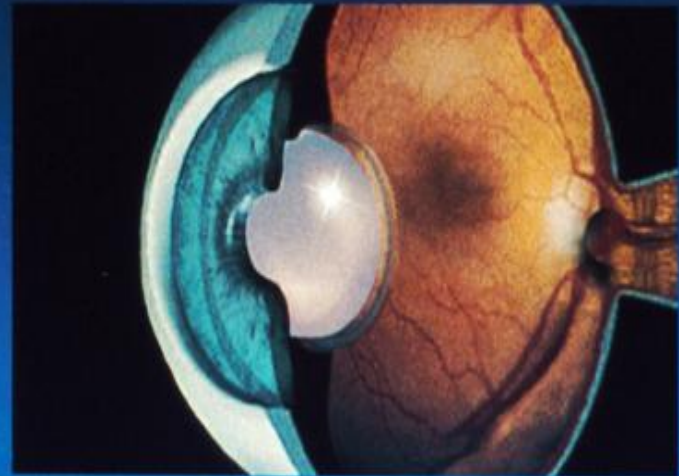
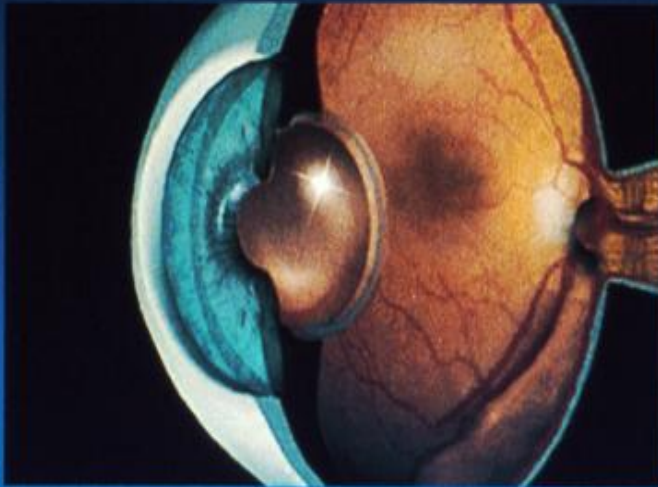
Cataract

- 60 years old and above
- Diabetic cataract
- Medications induced
- Traumatic
- Congenital



Normal Lens

Cataract



By Robert M. Weis

The bookseller who couldn't stand to sell his books

In 1770, Kierulff was a prominent merchant in the city of Philadelphia and a member of the city's elite. He had a large fortune and was one of the leading citizens of the city.

But he was not content with his wealth and status. He wanted to do something more meaningful with his life. He decided to open a bookstore in Philadelphia. He had a large collection of books and wanted to share them with the public. He had a vision of a place where people could come and read and learn.



Common symptoms include:





Causes of cataract:

- Aging—everyone would get cataracts if they lived long enough
 - Diabetes
 - Family history
 - Previous surgery or injury to the eye
 - Certain medications
-

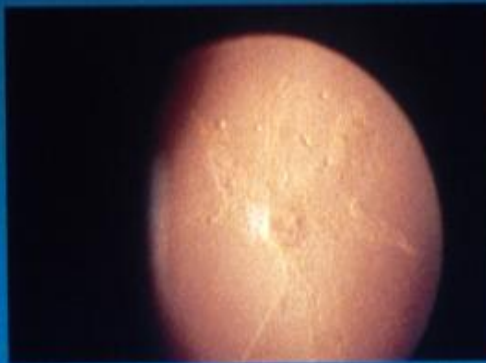
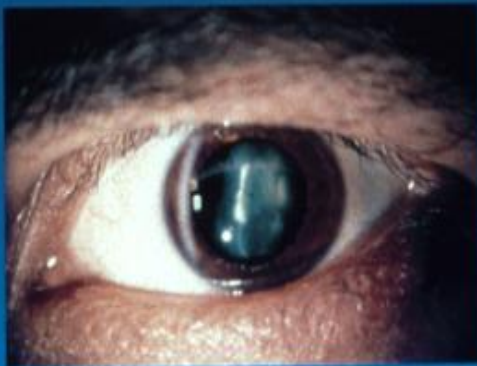
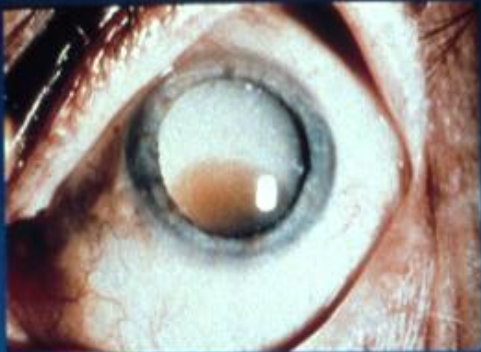


Causes of cataract

Some studies show ultraviolet (UV) light may cause cataracts.

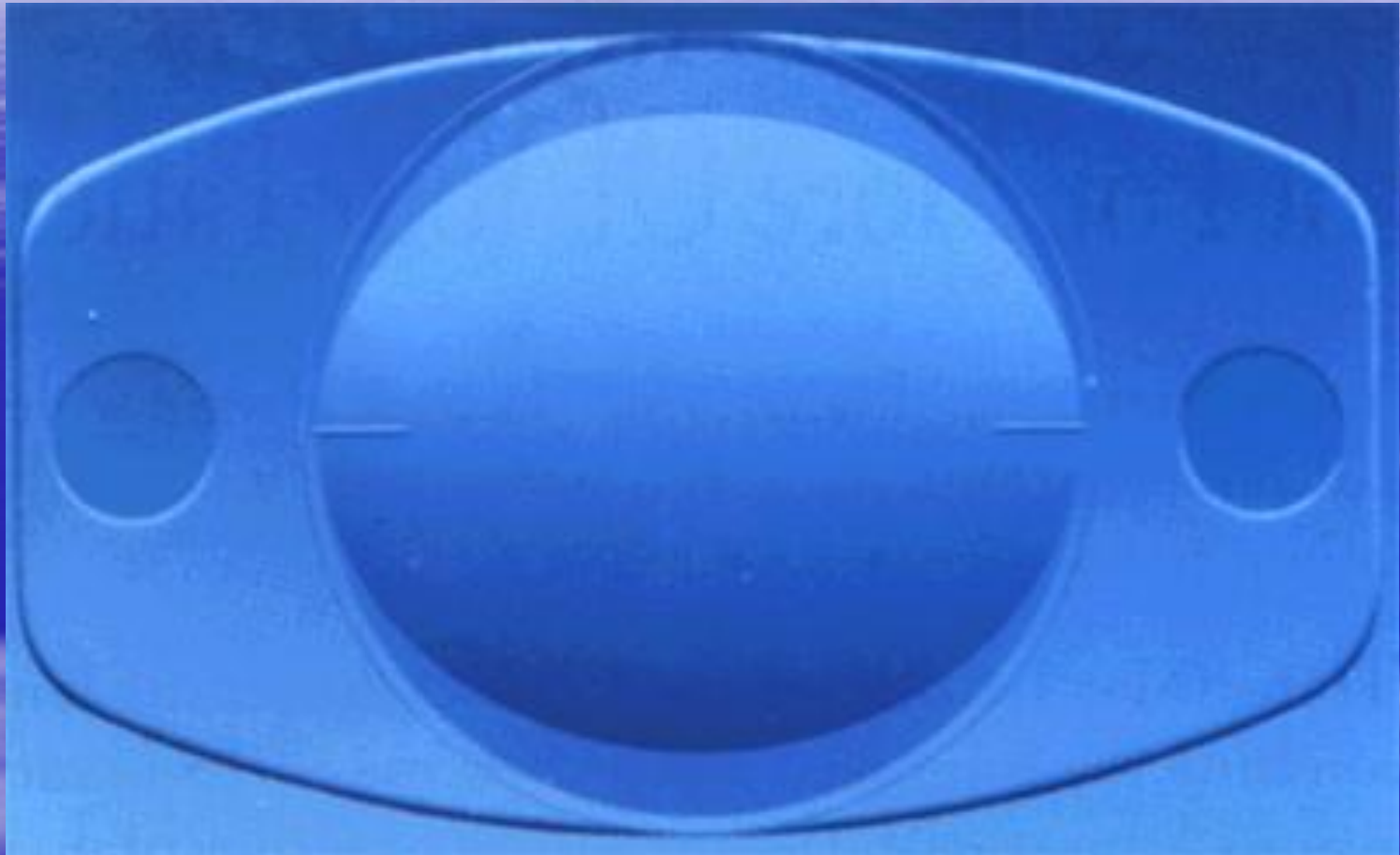


Types of Cataracts

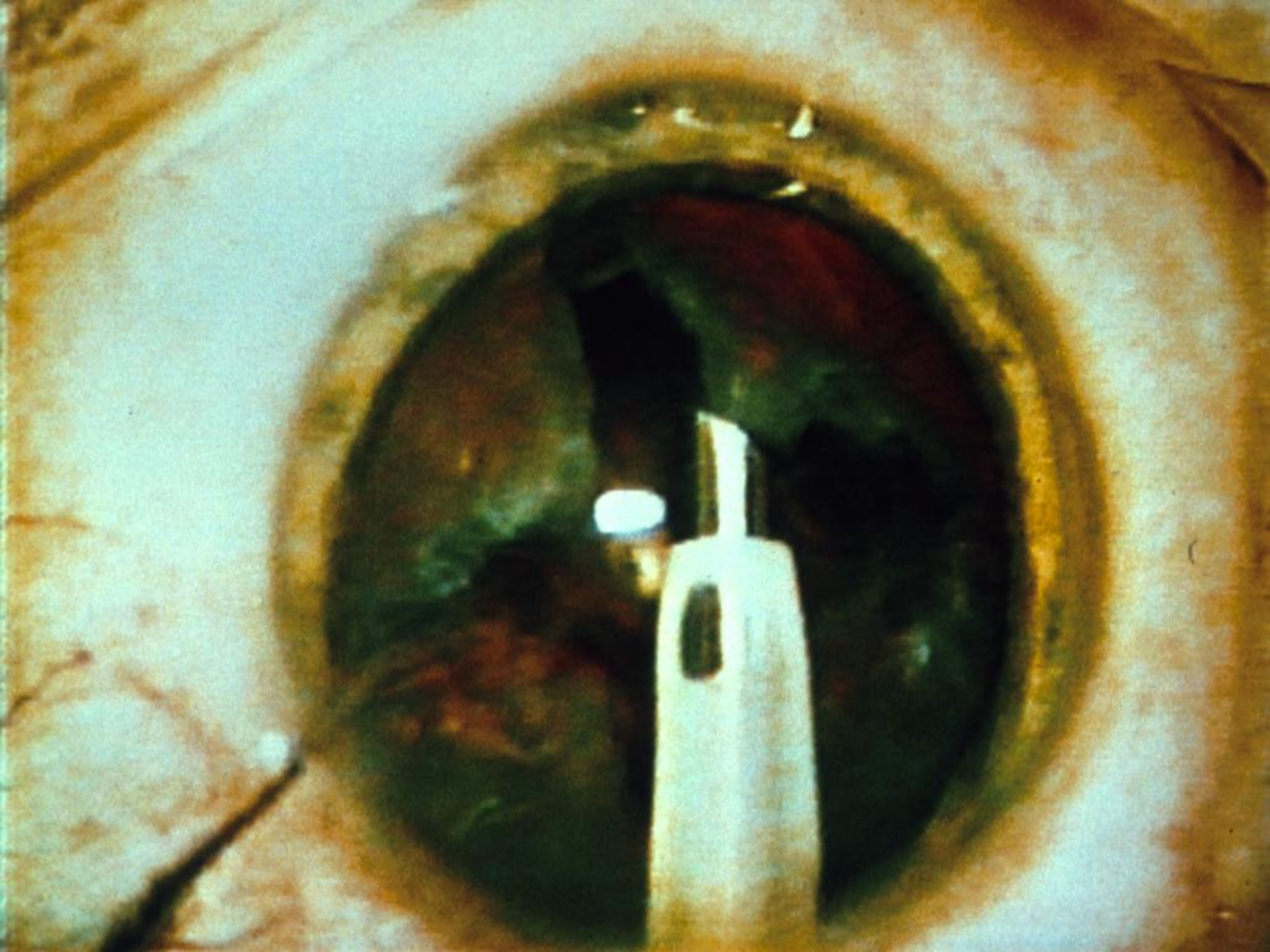


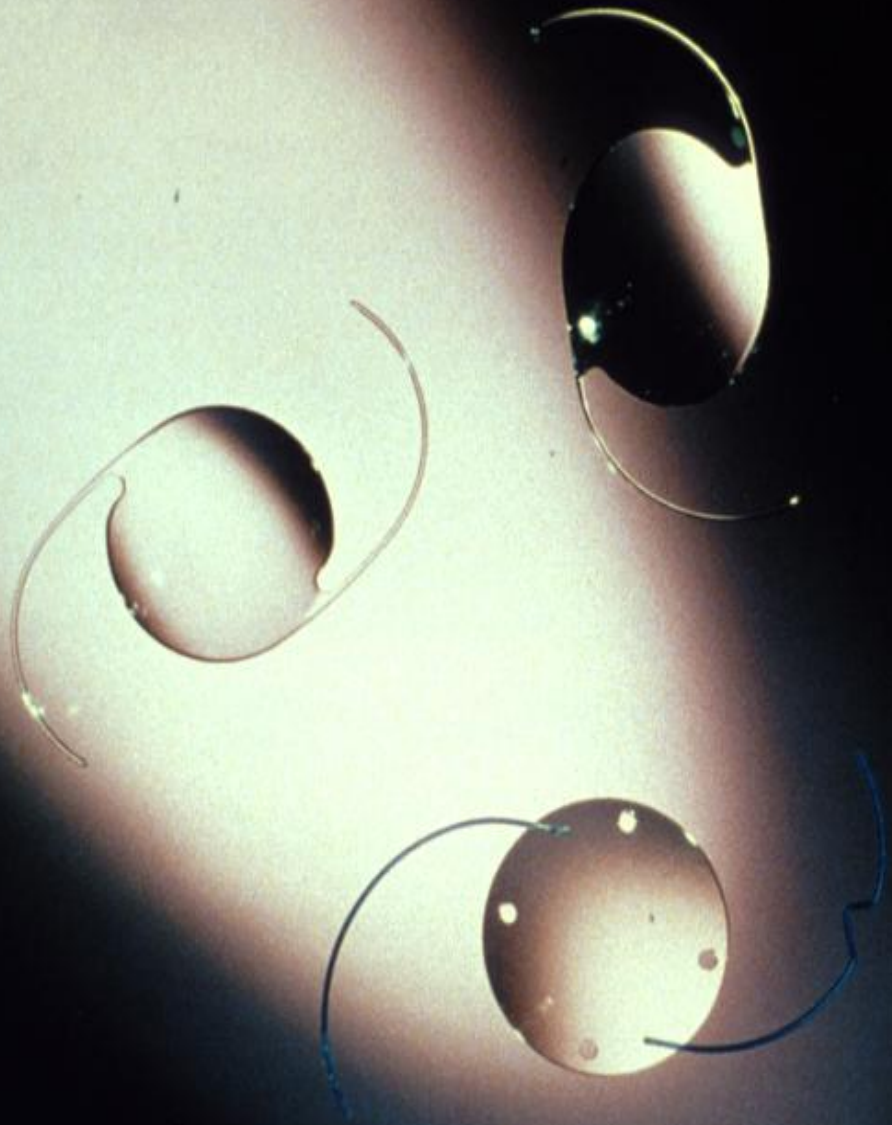












Cataract Surgery



Pterygium

翼狀奴肉



Glaucoma

- Open angle
- Angle closure
- Pseudoexfoliative
- Steroid induced
- Congenital
- Neovascular
- Traumatic induced
- Lens related

急性青光眼:

眼壓高

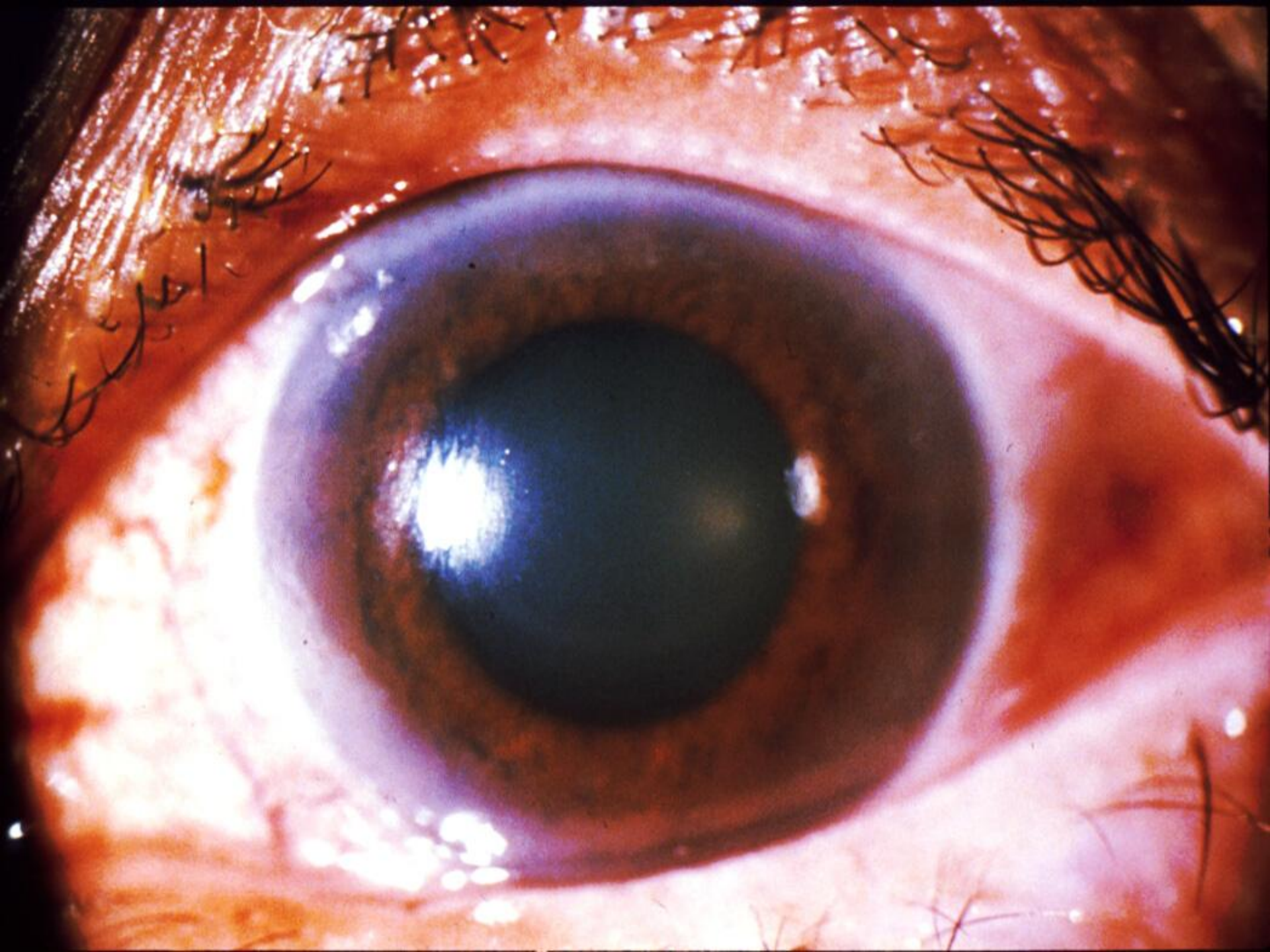
瞳孔擴大

眼痛

頭痛

白光

嘔吐



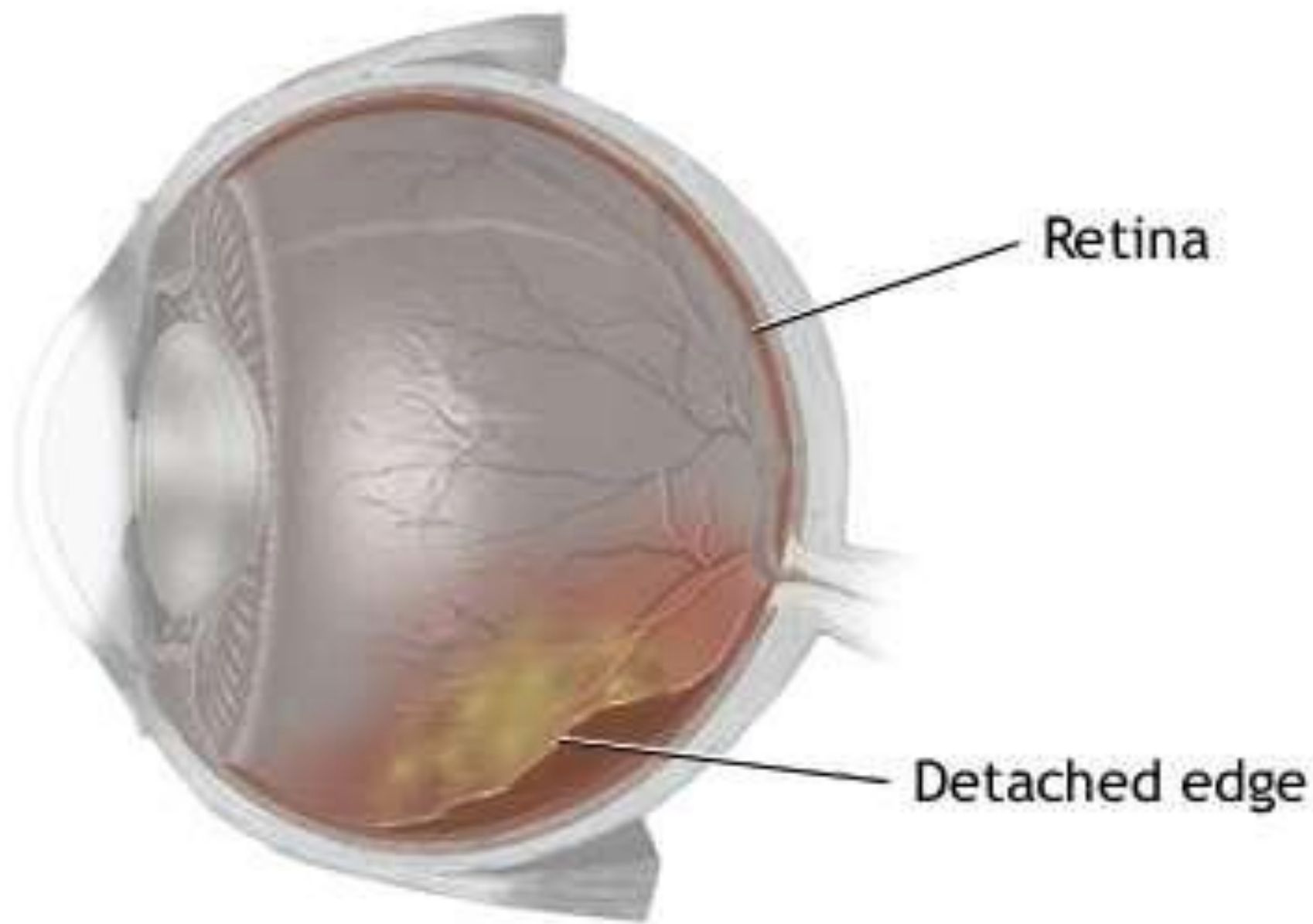
Diabetic Retinopathy

- Type I Diabetes or Juvenile
- Type II or adult onset

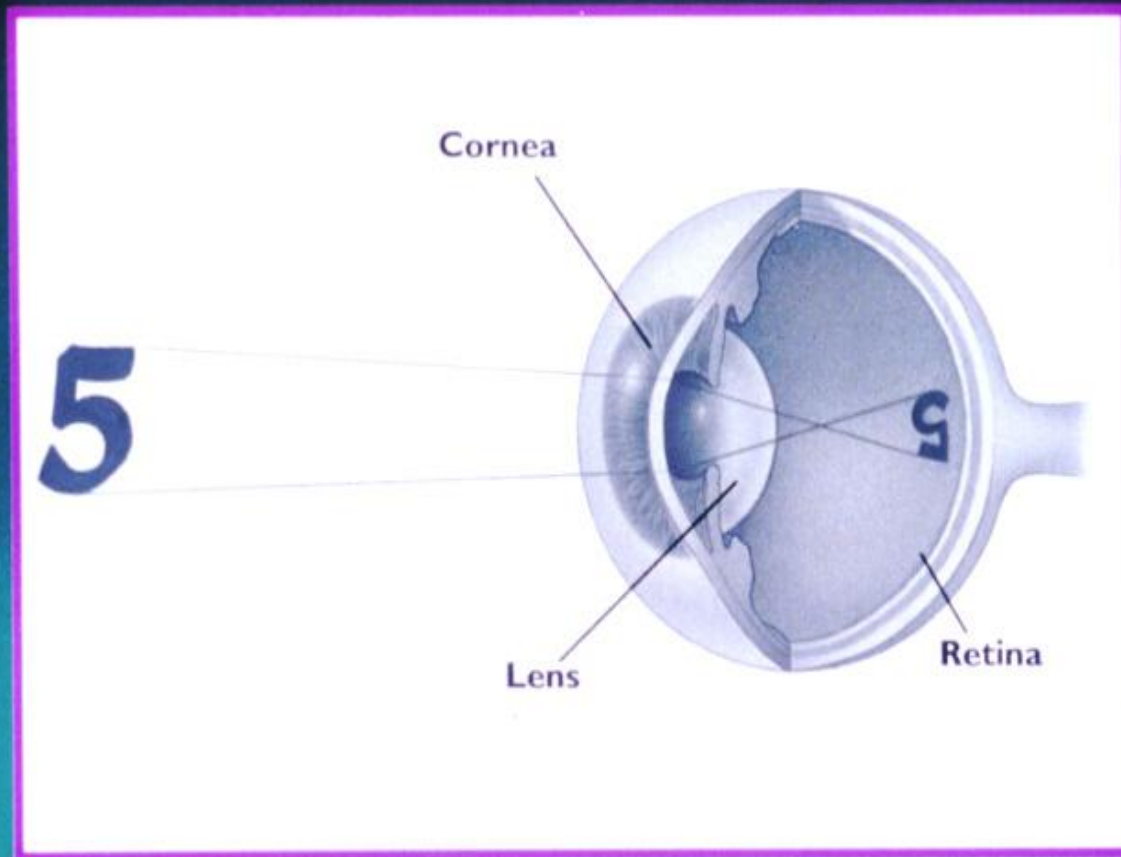


Retinal Detachment

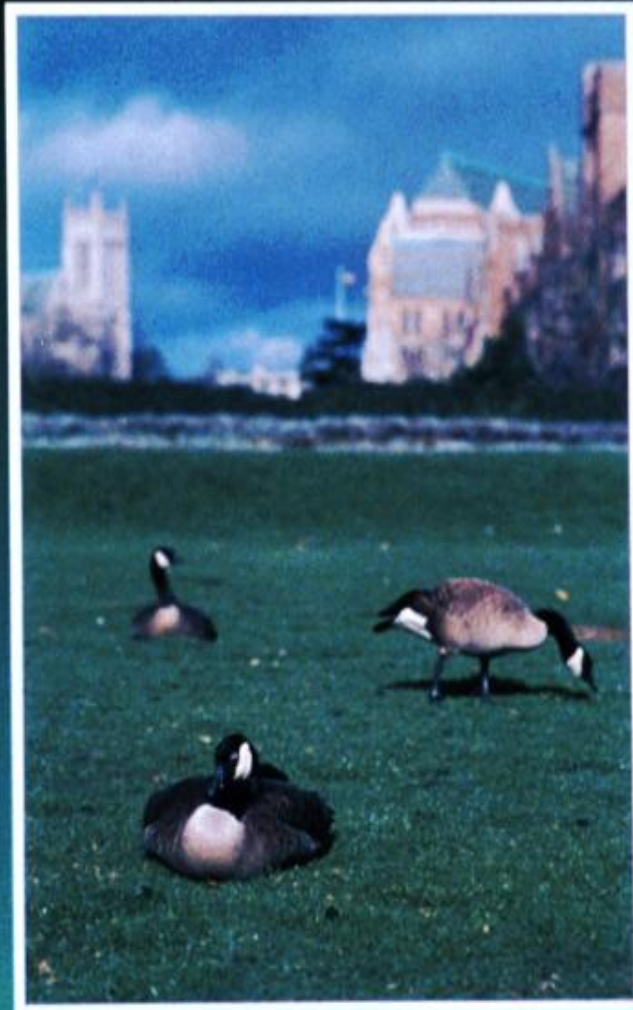
- High myopia
- Trauma
- Curtain coming down
- Increased floaters
- Flashing light
- Surgery related



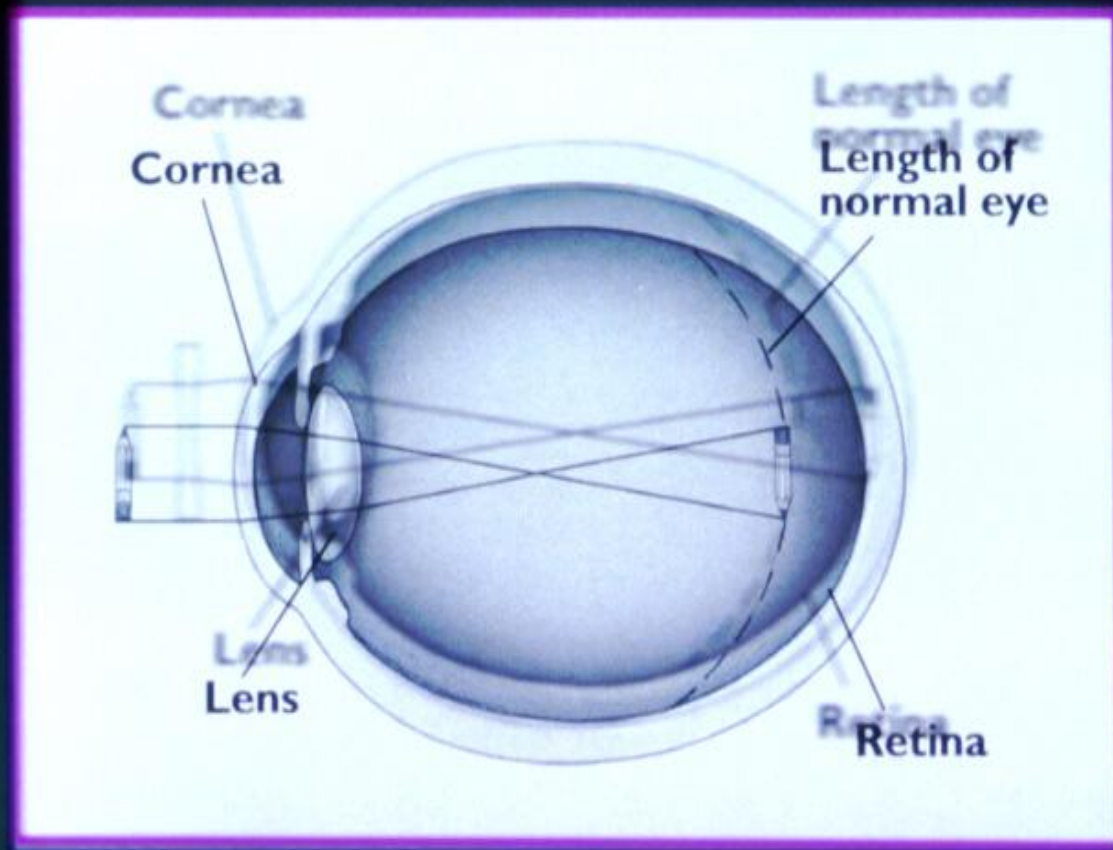
Normal Vision



Refractive Errors: *Myopia*



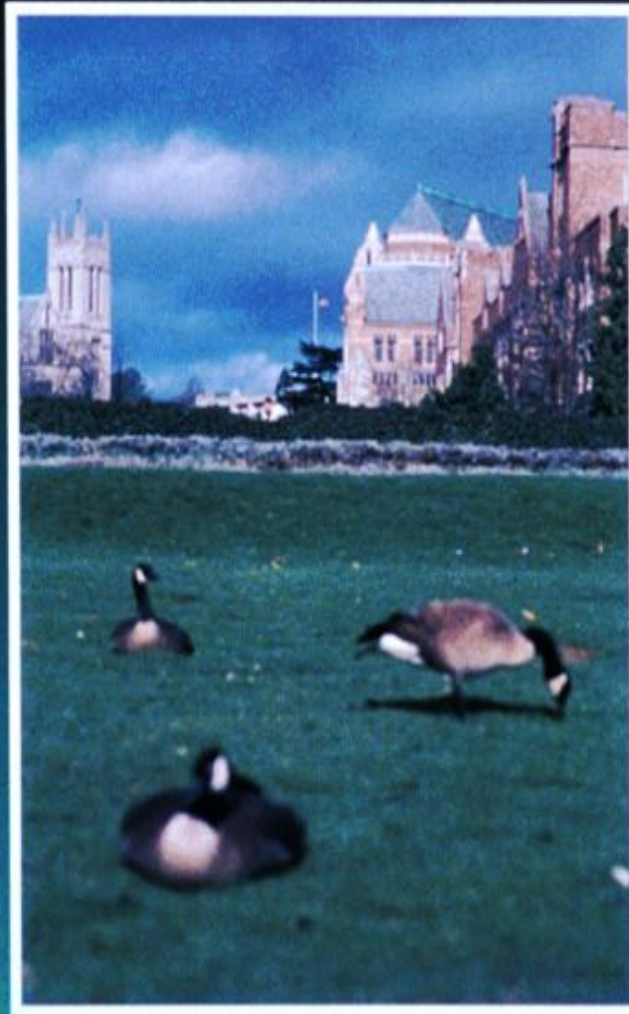
Myopia



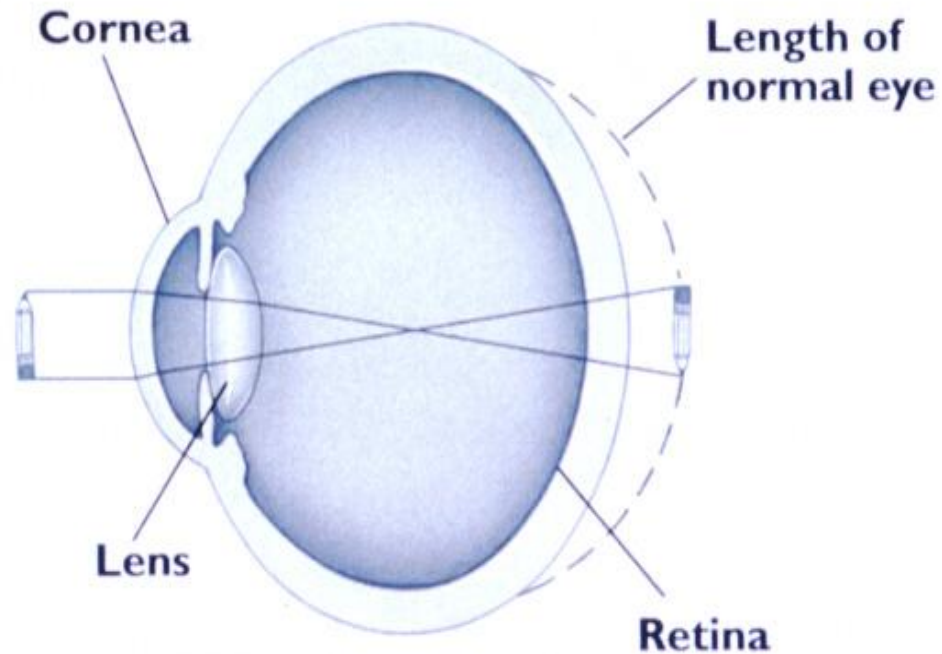
Myopia

- Minus lens

Refractive Errors: *Hyperopia*



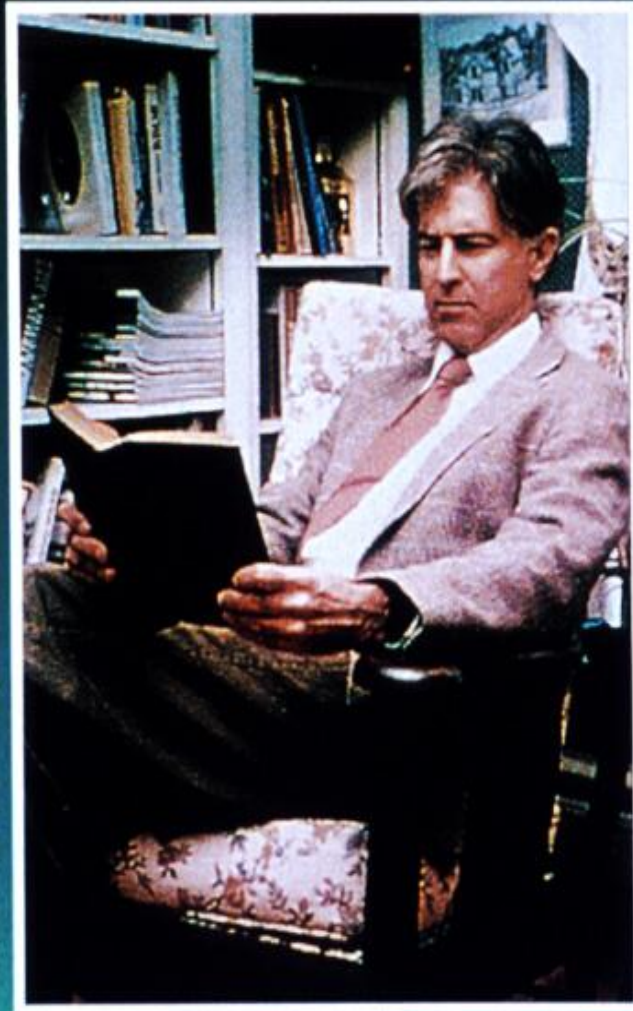
Hyperopia



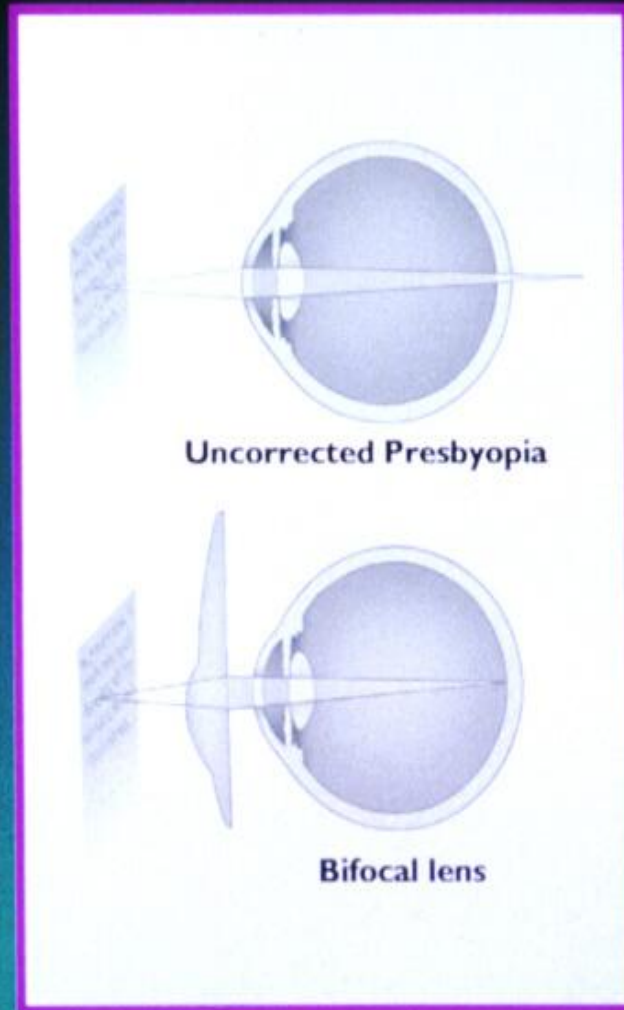
Hyperopia

- Plus lens

Refractive Errors: *Presbyopia*



Presbyopia



Presbyopia

- After age 40

Refractive Errors: Astigmatism



Astigmatism

Glasses



Astigmatic cornea



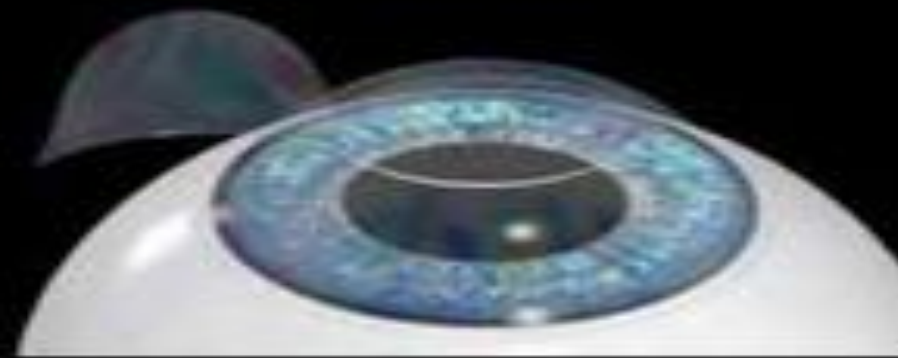
Normal cornea

What is Laser?

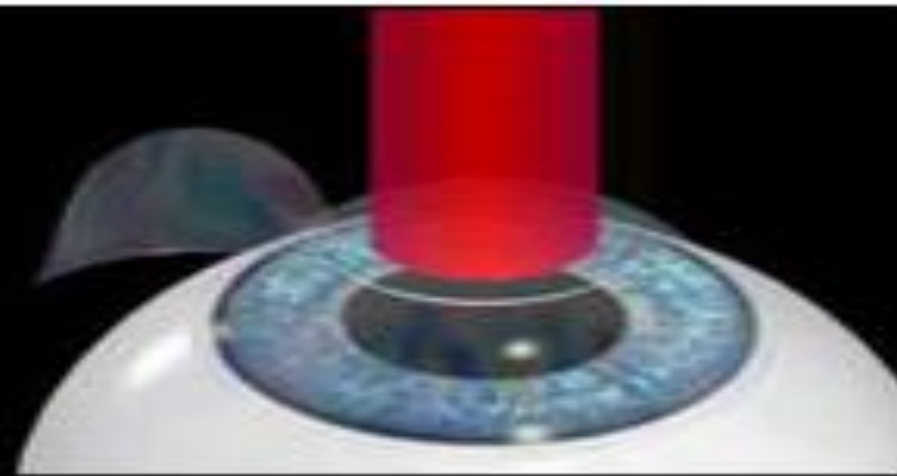
- **Light Amplification by Stimulated Emission of Radiation**



Step 1: Corneal flap is created with a microkeratome.



Step 2: The corneal flap is folded back.



Step 3: Excimer laser beam reshapes the cornea.



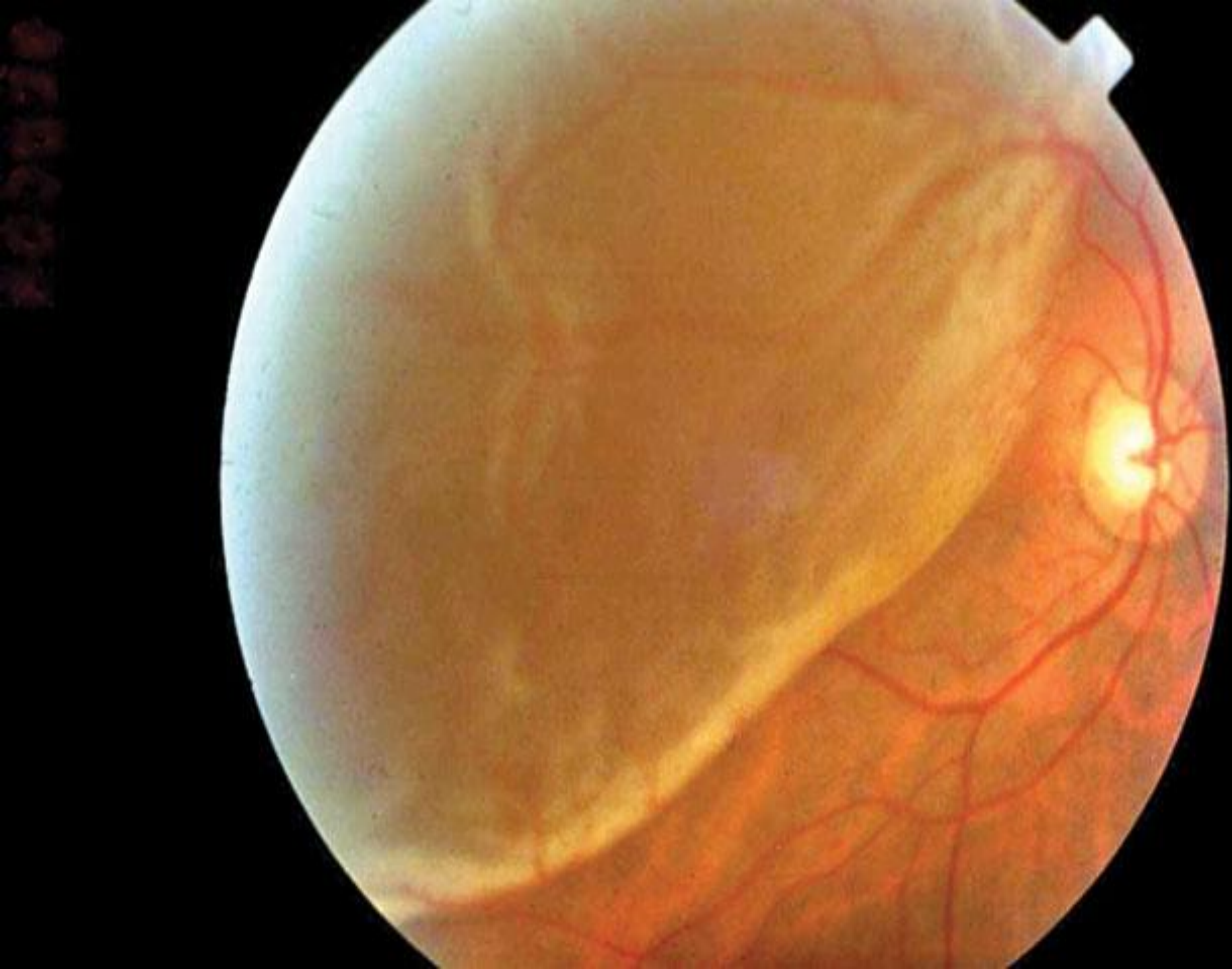
Step 4: The corneal flap is folded back in place.

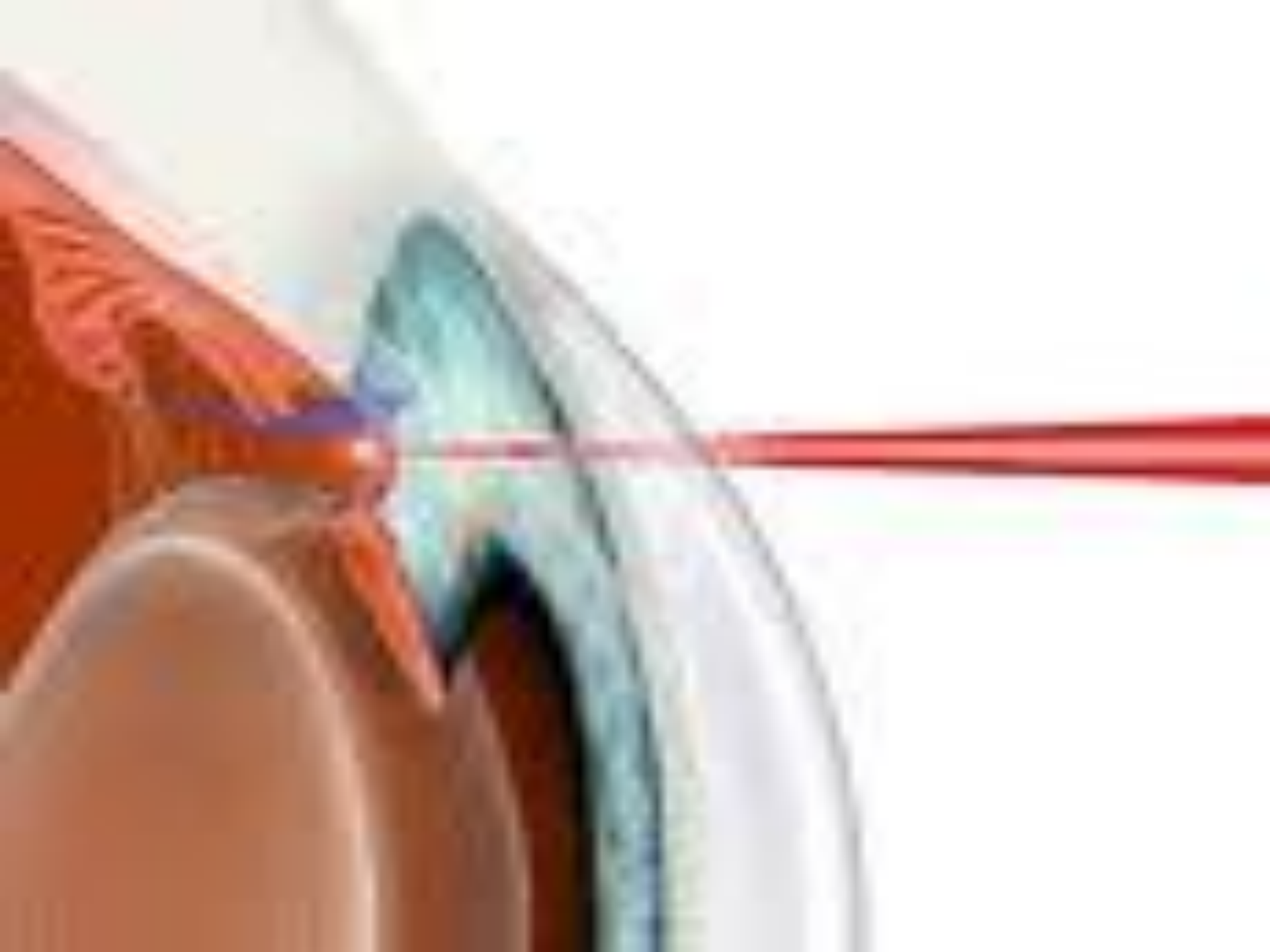


Plans (Plans) Microsurgery for Vitreous Hemorrhage





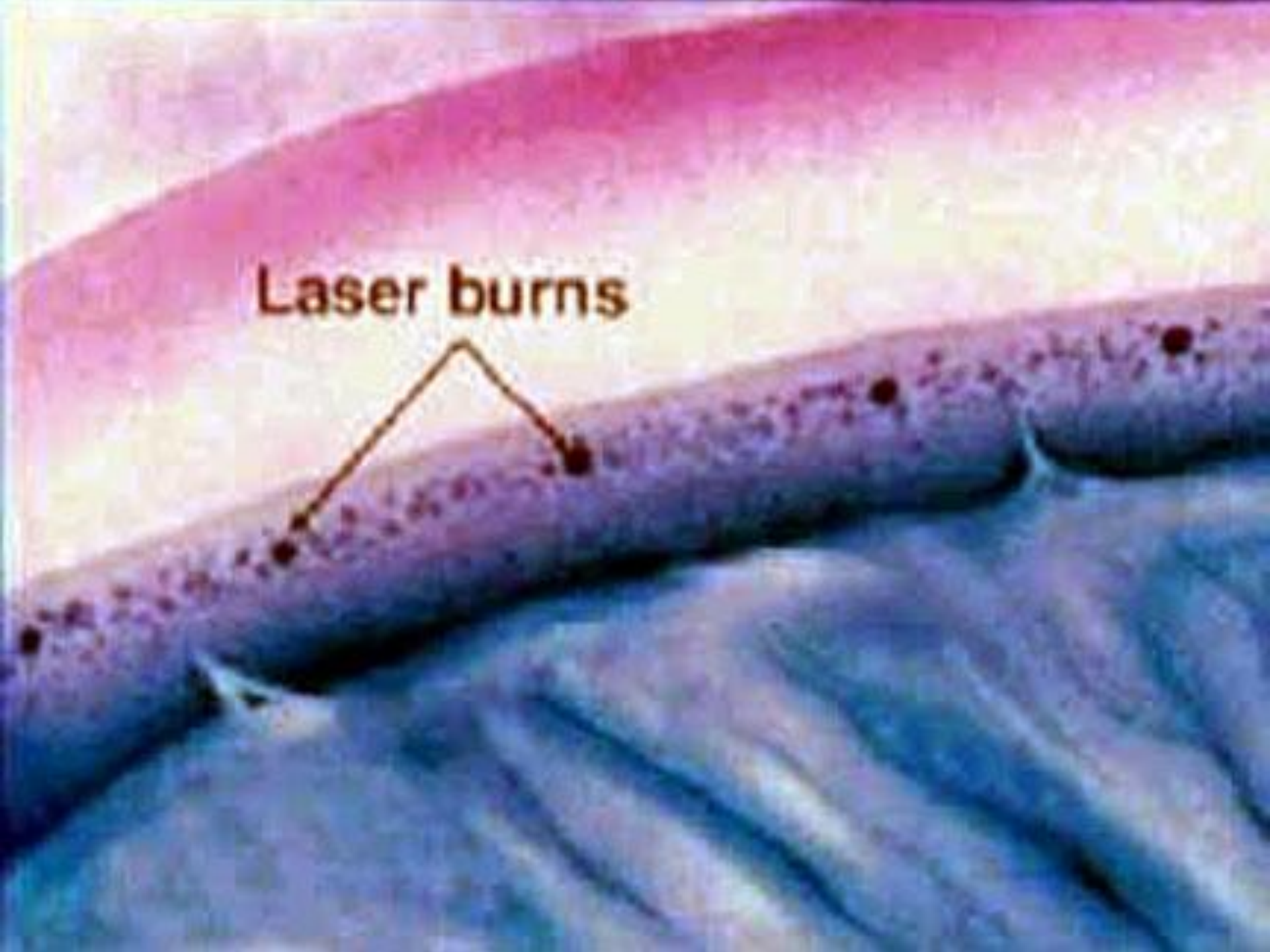








Laser burns



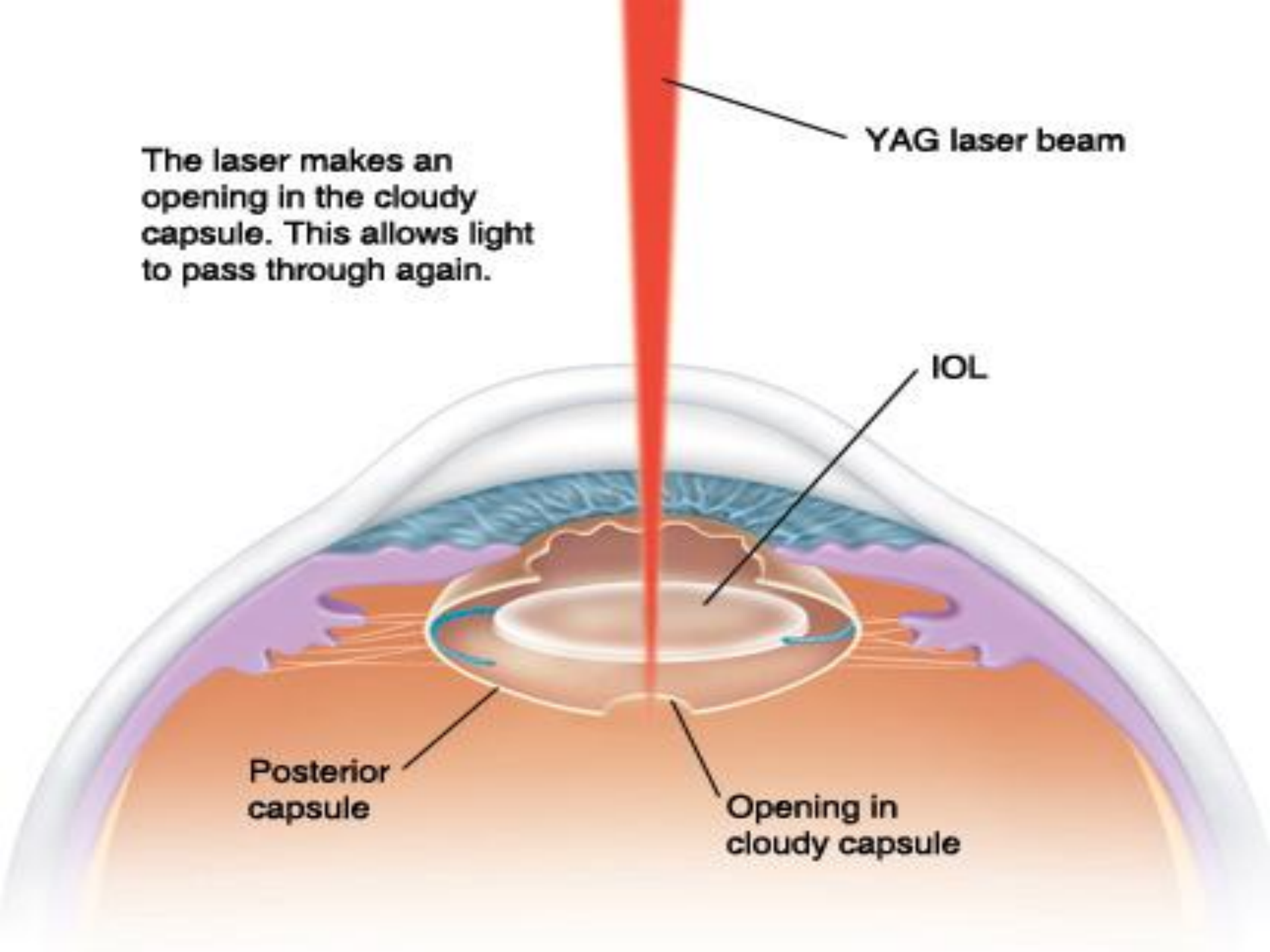
The laser makes an opening in the cloudy capsule. This allows light to pass through again.

YAG laser beam

IOL

Posterior capsule

Opening in cloudy capsule





Vision

- Sight
 - 20/20
- Vision
 - What is true vision?



True Vision

- When a person sees God

Matthew Chapter 6

- Vs. 22-23
- The lamp of the body is eye
- If your eye is good, your body will be full of light
- But if your eye is bad, your body is full of darkness
- If therefore the light that is in you is darkness, how great is that darkness

馬太福音 6:22-23 (Chinese Union Version (Traditional))



22 眼睛就是身上的燈。你的眼睛若
瞭亮，全身就光明；

23 你的眼睛若昏花，全身就黑暗。
你裡頭的光若黑暗了，那黑暗是何
等大呢！



Myopic Christian

- Near sightedness
- Cannot see very far
- Self center

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"Over here."

Hyperopic Christian

Far sightedness

Cannot see closed up

Cannot see himself



Presbyopic Christian

Cannot see too far

Cannot see closed up

Emmetropic Christian

Can see far

Can see near

See things the way God wants us to see

Knows his or her bible well



Psalm 119:105

- Your word is a lamp unto my feet, and light unto my path
- 詩篇 119:105 (Chinese Union Version (Traditional))
- 105 你的話是我腳前的燈，是我路上的光



Thy word is
a lamp unto my
feet, and a light
unto my path.

Psalm 119:105

Proverb 29:18

Where there is no vision, the people perish.

- 箴言 29:18 (Chinese Union Version (Traditional))
- Chinese Union Version (Traditional) (CUV) Public Domain
- 18 沒有異象（或譯：默示），民就放肆；惟遵守律法的，便為有福。

Isaiah 42:6

- I the LORD have called thee in righteousness, and will hold thine hand, and will keep thee, and give thee for a covenant of the people, for a light of the Gentiles; (KJV)
- 以賽亞書 42:6 (Chinese Union Version (Traditional))
- 6 我—耶和華憑公義召你，必攙扶你的手，保守你，使你作眾民的中保（中保：原文是約），作外邦人的光

Isaiah 42:7

To open the blind eyes, to bring out the prisoners from the prison, and them that sit in darkness out of the prison house. (KJV)

7 開瞎子的眼，領被囚的出牢獄，領坐黑暗的出監牢

How to maintain your vision?

Spend time with God

Read His words

Prayer

Worship Him

Serve His people

I was once blind but now I see

Physically I was blind

Spiritually I was blinded by the devil and my
own sins

God came to seek me

- Teenger

Period of Growth

Over 10 years

Period of Exile

10 years

I lost my health

I lost my sight

I lost myself

God restores me

He is God

He reigns in my life

Suffering is a kind of blessing

Suffering draws me closer to God

(Passion of Christ)

2 Corinthian 12:9

My grace is sufficient for you, for my power is made perfect in weakness.

我的恩典夠你用的，因為我的能力是在人的軟弱上顯得完全。所以，我更喜歡誇自己的軟弱，好叫基督的能力覆庇我。



But he said to me, "My grace is sufficient for you, for my power is made perfect in weakness." Therefore I will boast all the more gladly about my weaknesses, so that Christ's power may rest on me. That is why, for Christ's sake, I delight in weaknesses, in insults, in hardships, in persecutions, in difficulties. For when I am weak, then I am strong.

Romans 1:14-15 (NKJV)

- 14 I am a debtor both to Greeks and to barbarians, both to wise and to unwise.
15 So, as much as is in me, *I am* ready to preach the gospel to you who are in Rome also.

Romans 1:14-15 (NKJV)

- **14** 無論是希利尼人、化外人、聰明人、愚拙人、我都欠他們的債。 **15** 所以情願盡我的力量、將福音也傳給你們在羅馬的人。



Conclusion

We need to maintain our eyesight

We need to maintain our vision

Let God runs our lives daily

Stay close to Him



