



Наслов на презентација (тема на обуката)

Назив на ЈЗУ УКлиника за очни болести Скопје

Назив на институција каде е одржана обуката (Април, 2014)

Име и презиме на лицето испратено на обука

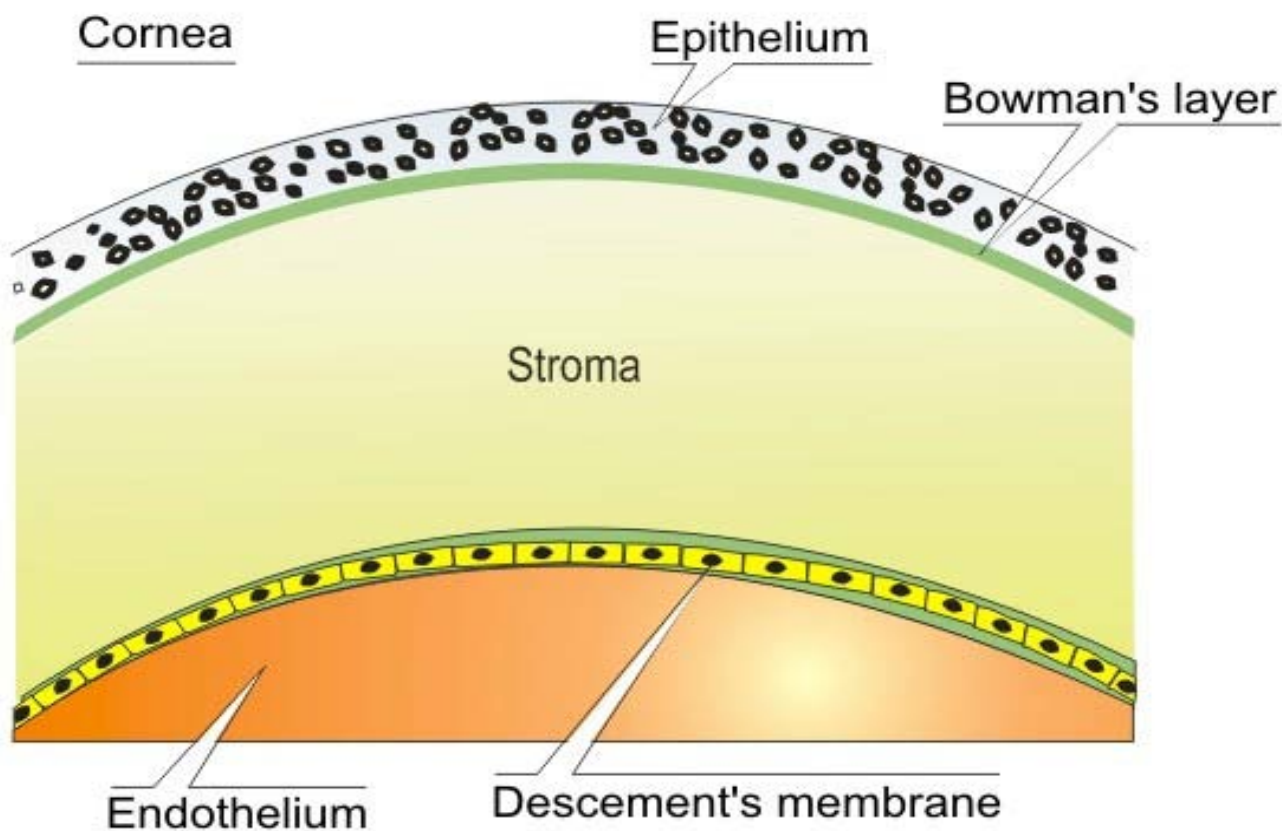
Асс.Др .Христијан Дума

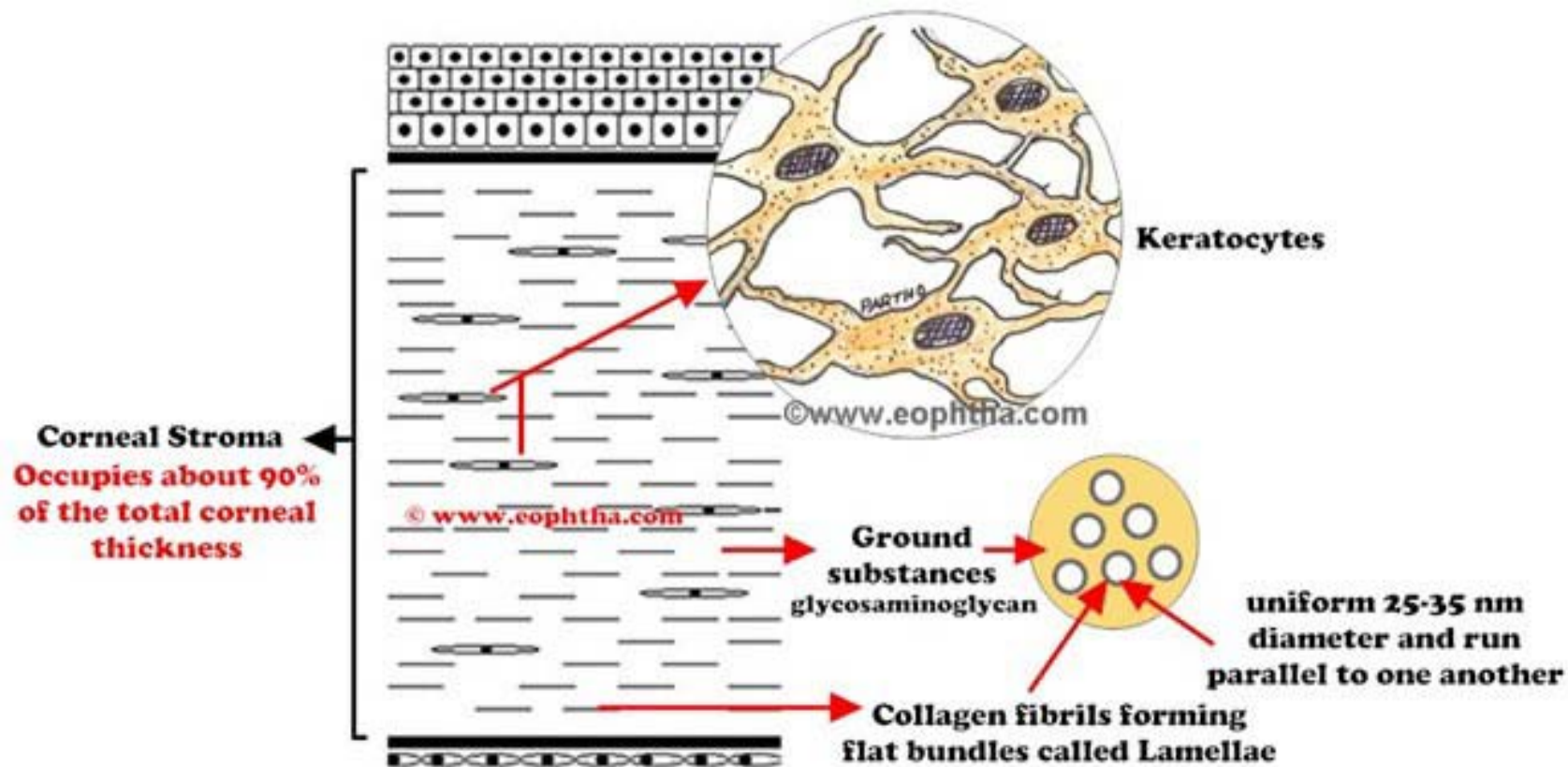
Датум на презентација:





АНАТОМИЈА НА КОРНЕА







ИНДИКАЦИИ

- Дистрофии
(Фухс "ендотелијални дистрофии).
- Дегенерации
(Салцман нодуларна дегенерација).
- Корнеални ектазии
(кератоконус).
- Лузни поради траума или инфекции



Трансплантација на рожница



Penetrating keratoplasty.

Продорна кератопластика

Lamellar endothelial keratoplasty (LEK)

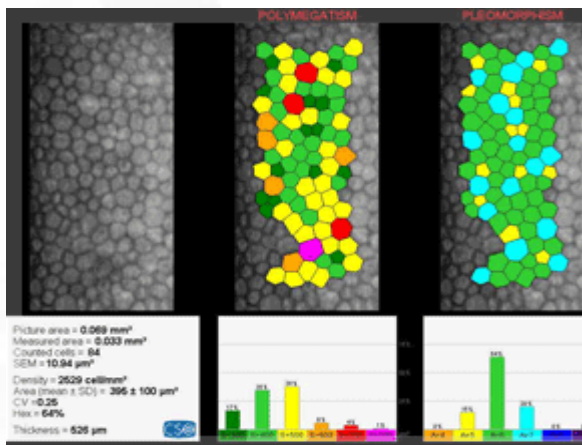
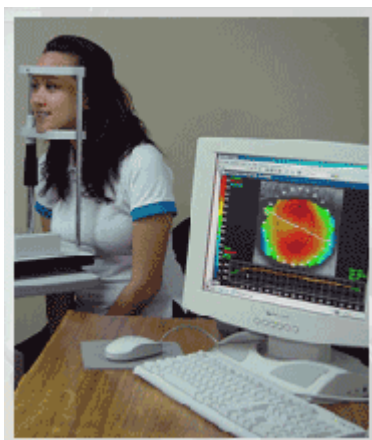
Ламеларна кератопластика.

Deep lamellar endothelial keratoplasty (DLEK)

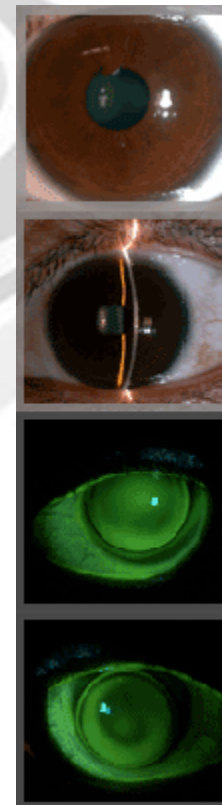
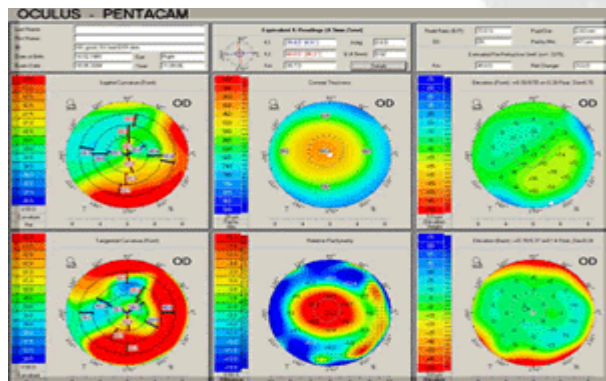


АНАЛИЗИ

СПЕКУЛАРЕН МИКРОСКОП



ТОПОГРАФ





ДОНОР

Corneal endothelial density



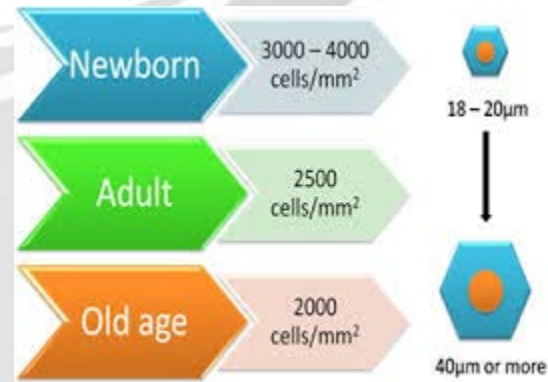
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Newborn 3000-4000 cells/mm²

Adult 2500 cells/mm²

Old age 2000 cells/mm²



The gap left by the dying cells is filled by the enlargement of the remaining cells, which is known as Polymegathism

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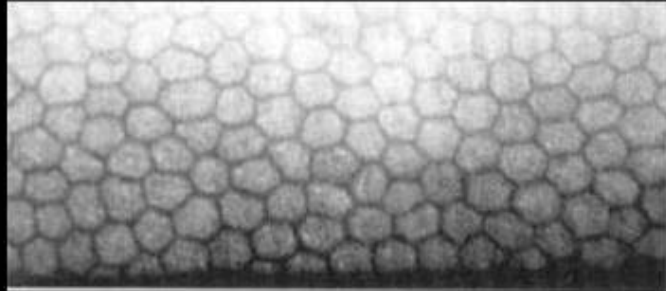


18-20µ in early life

40µ or more in aged

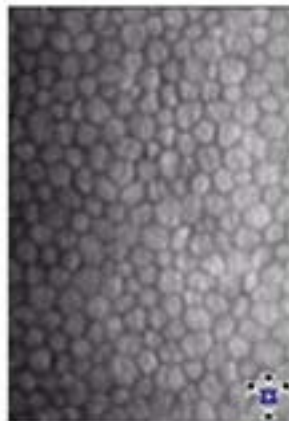
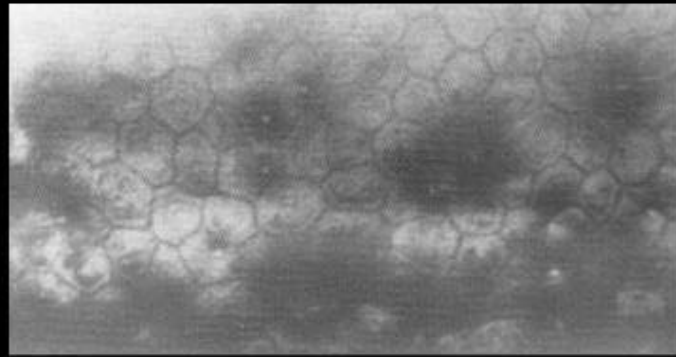


Corneal Endothelial Specular Microscopy



**Normal
Endothelial
Cells**

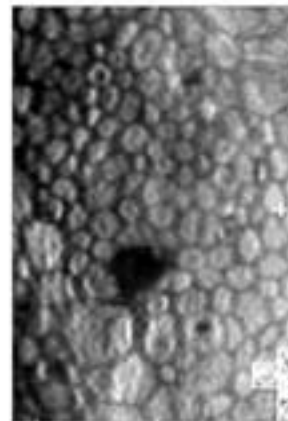
**Fuch's
Endothelial
Corneal
Dystrophy**



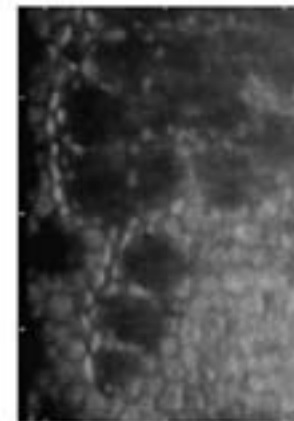
**Normal Endothelium
High Cell Density**



**Very Low Density
High Surgical Risk**

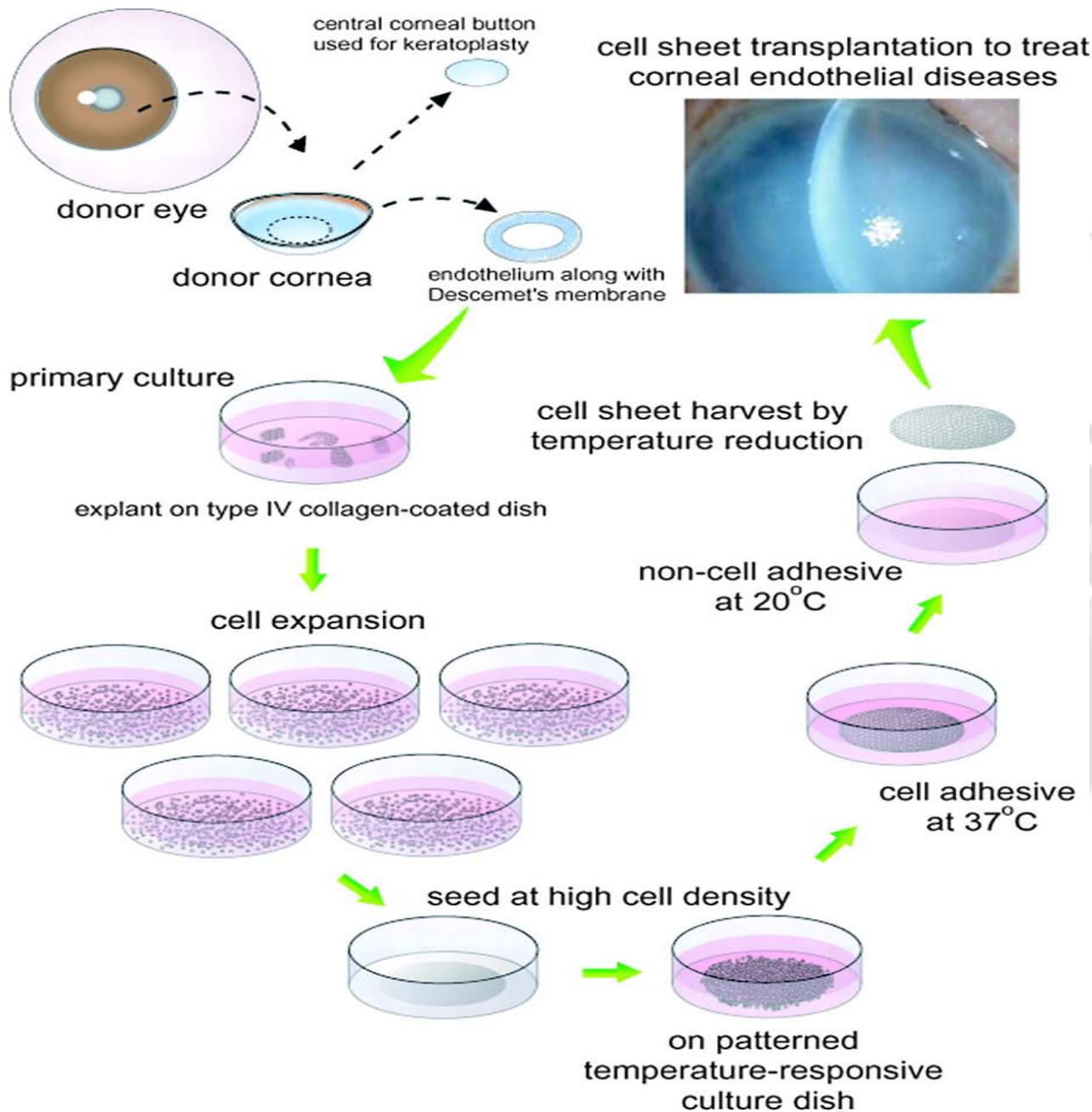


**Polymegethism
EW Contact Lenses**



**Stage 3 Gutta
Normal Cell Count**





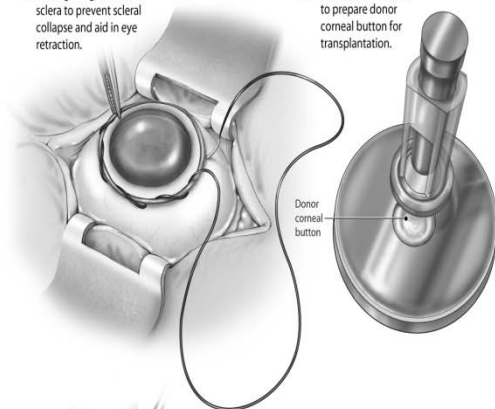


ХИРУРШКА ТЕХНИКА

Penetrating Keratoplasty

1. Filtering ring sutured to sclera to prevent scleral collapse and aid in eye retraction.

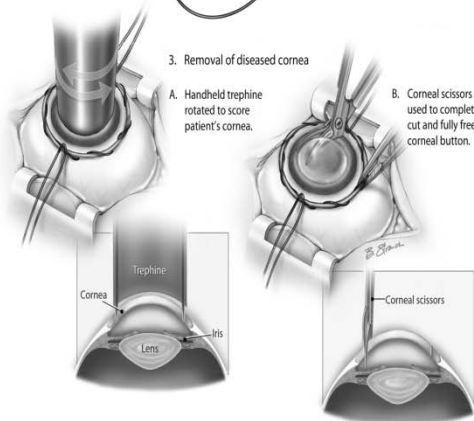
2. Weck trephine used to prepare donor corneal button for transplantation.



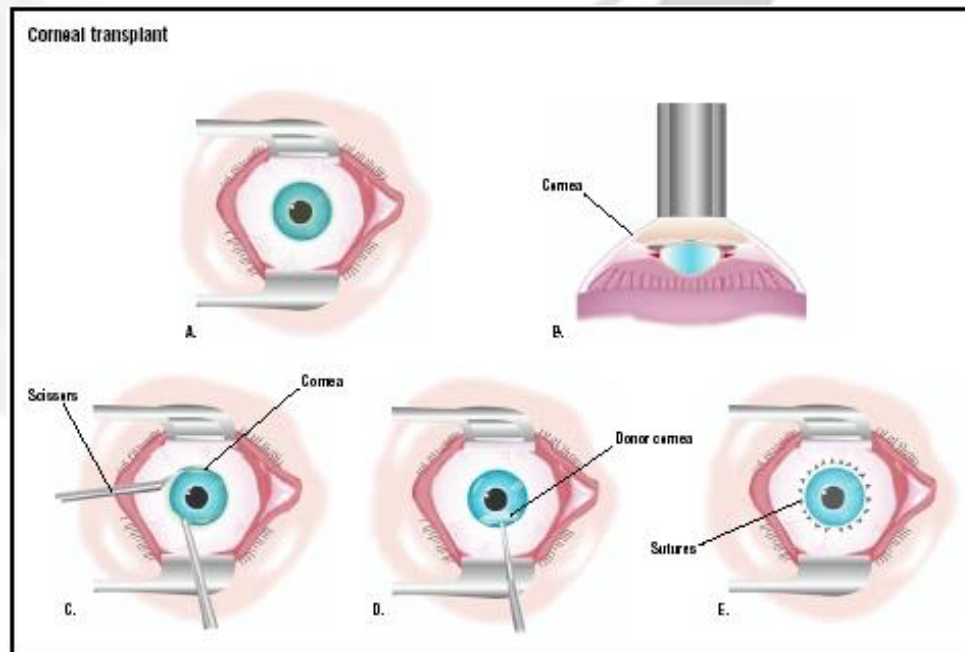
3. Removal of diseased cornea

A. Handheld trephine rotated to score patient's cornea.

B. Corneal scissors used to complete cut and fully free corneal button.



Corneal transplant









МИНИСТЕРСТВО ЗА ЗДРАВСТВО
РЕПУБЛИКА МАКЕДОНИЈА

ЗАКЛУЧОК



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