

CORNEAL ENDOTHELUM CELL STRUCTURE



Specular Microscopy

Your doctor uses the highest quality Konan corneal cell analysis system ... another commitment to excellence in the care of your most precious sense - vision.

NORMAL CELL STRUCTURE

High density, low sizes & shapes variation

CD=2849
CV=26 Hex=58

Normal endothelium, high density, good morphology

Normal endothelium

LOW CELL DENSITY

CD=623 Pach=553
very high surgical risk

CD=789
very high surgical risk

CD=832
very high surgical risk

CD=883 Pach=531
very high surgical risk

POLYMEGETHISM & PLEOMORPHISM

Polymegethism & Pleomorphism

Extended wear contact lens problems, guttata

Extended wear contact lens problems

Topical pharmaceutical induced endotheliopathy

DYSTROPHIES & TRAUMA

GUTTAE - OBSCURED ENDOTHELIAL CELLS

Vesicular posterior polymorphous dystrophy

"I.C.E." Iridocorneal endothelial syndrome

Corneal trauma

Post cataract surgery

GUTTATA AND FUCHS'

Guttata with normal cell density

Guttata, polymegethism & pleomorphism

Guttata (advanced) with high cell density

Guttata (advanced)

Fuchs' dystrophy