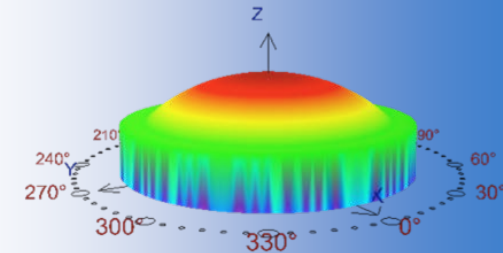
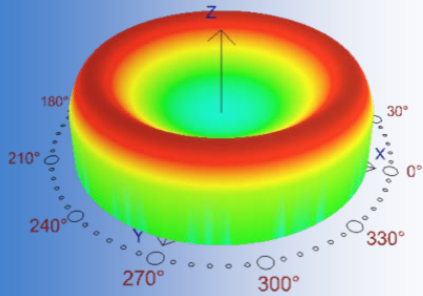


S.Zagari, P.Zola, M.Santocono, M.Di Maita, G.Bannò, G.Scalia, M.La Bruna, S.Sileci, R.Sciacca

PRK transepiteliale per la gestione dell'errore refrattivo post - Lasik

Case report



S.O.Si.
Società Oftalmologica Siciliana

XLI Congresso

Le linee guida in oftalmologia
Il pronto soccorso oculistico
Femtolaser Cataract Surgery



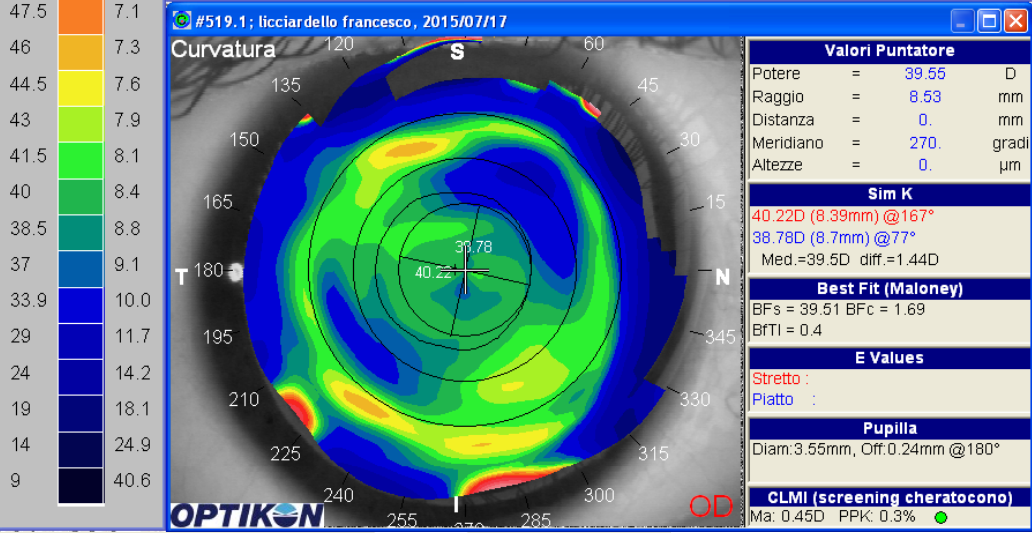
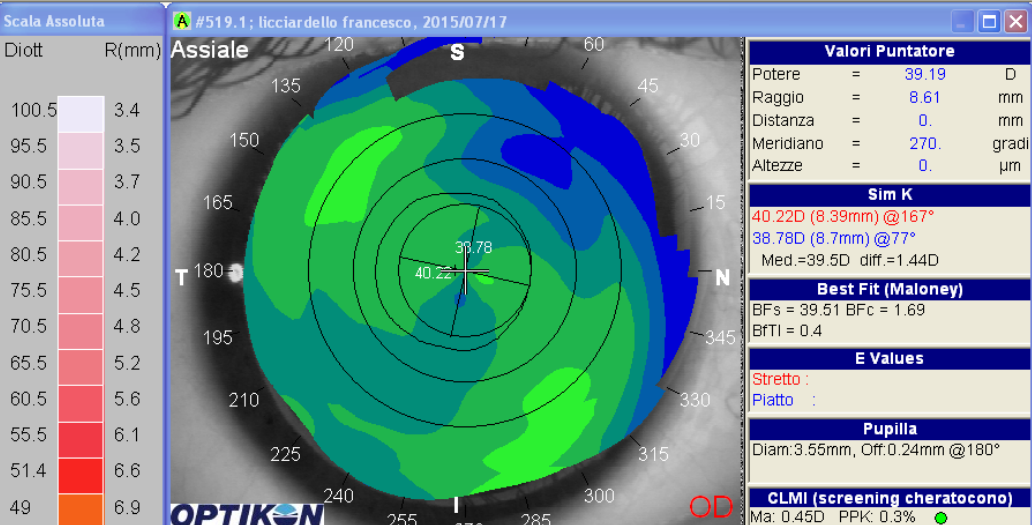
Acacia Resort
Campofelice di Roccella
14•15•16 Aprile 2016

Segreteria organizzativa:
KALOS convegni
Via Milano, 30 • Vittoria (RG)
tel./fax 0932.510921
info@kalosconvegni.it
www.kalosconvegni.it

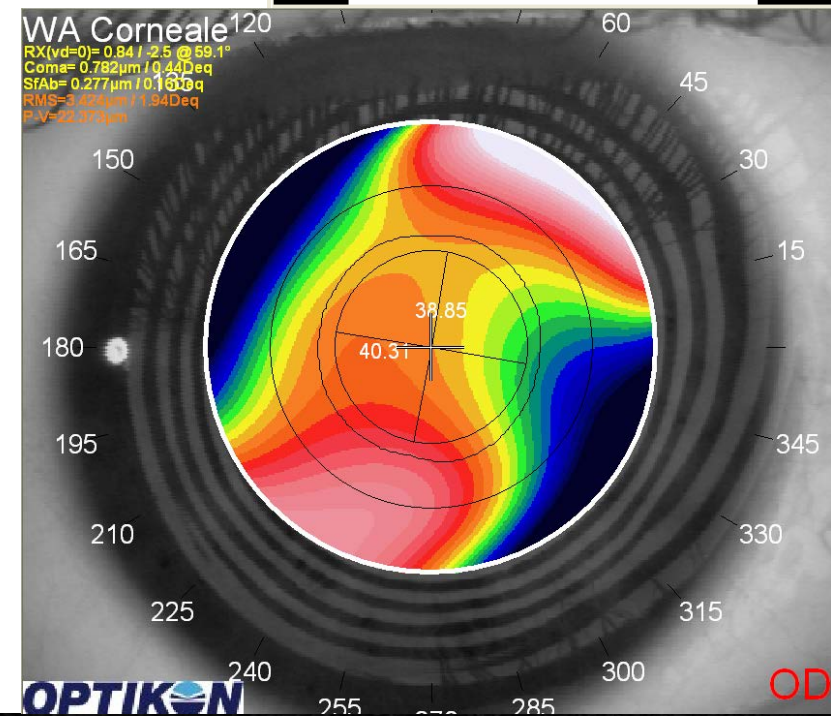
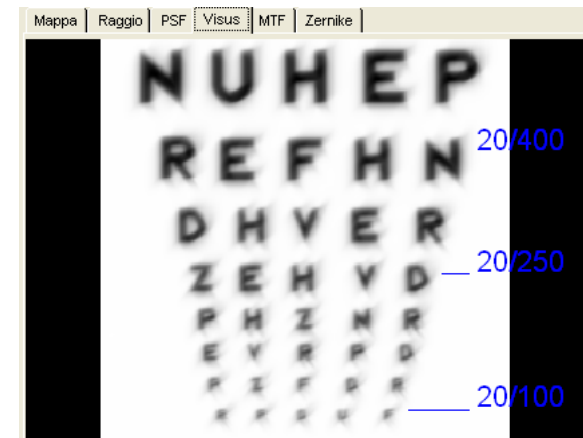
Segreteria scientifica:
www.sosweb.it • info@sosweb.it

FAD "IL GLAUCOMA" (Parte seconda)
di L. Buratto - L. Caretti
20 crediti ECM

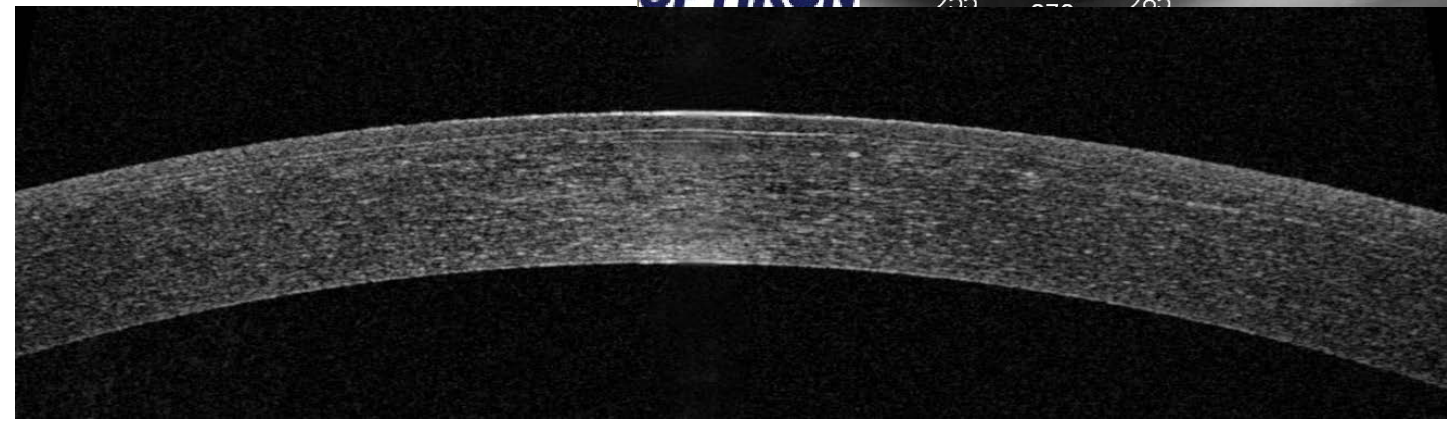
- **Uomo 36 aa**
- **Sottoposto a Femto Lasik un anno fa (+2 -3,50 x 180)**
- **No complicanze intra e post operatorie**
- **Flap trasparente (120 micron)**
- **Errore residuo post operatorio elevato (+1 -2,50 x 70)**
- **Scarsa qualità visiva anche con correzione**



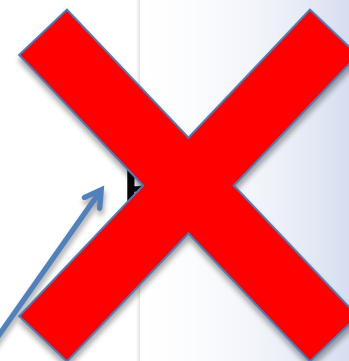
OD : Pre Op
+1 -2,50 x 70



Zernike	Micron	Diottrie	Asse*	Descrizione aberrazioni
z(2, 0)	0.716	-0.4	---	Defocus
z(2, ±2)	3.124	-2.5	59.	Astigmatismo
z(3, ±1)	0.782	0.44	28.	Coma
z(3, ±3)	0.336	0.19	53.	Trifoglio
z(4, 0)	0.277	0.16	---	Aberrazione sferica
z(4, ±2)	0.72	0.41	38.	Asigmatismo secondario
z(4, ±4)	0.246	0.14	77.	Quadrifoglio
z(5, ±1)	0.043	0.02	41.	Coma secondario
z(5, ±3)	0.107	0.06	91.	Trifoglio secondario
z(5, ±5)	0.077	0.04	5.	Pentafoglio
z(6, 0)	0.07	0.04	---	Sferica secondaria
z(6, ±2)	0.073	0.04	19.	Astigmatismo VI ordine
z(6, ±4)	0.09	0.05	51.	Quadrifoglio VI ordine
z(6, ±6)	0.081	0.05	15.	Esafoglio

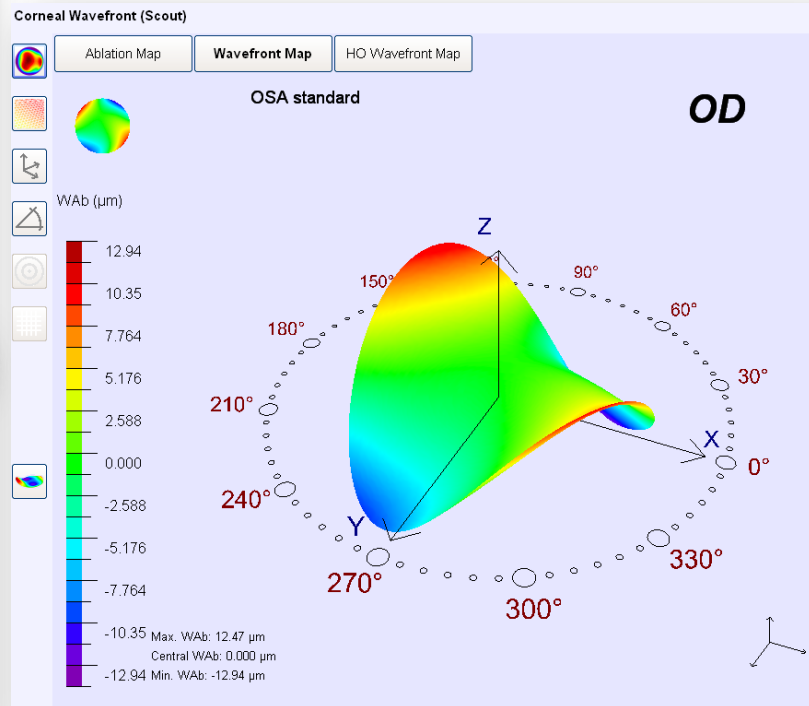
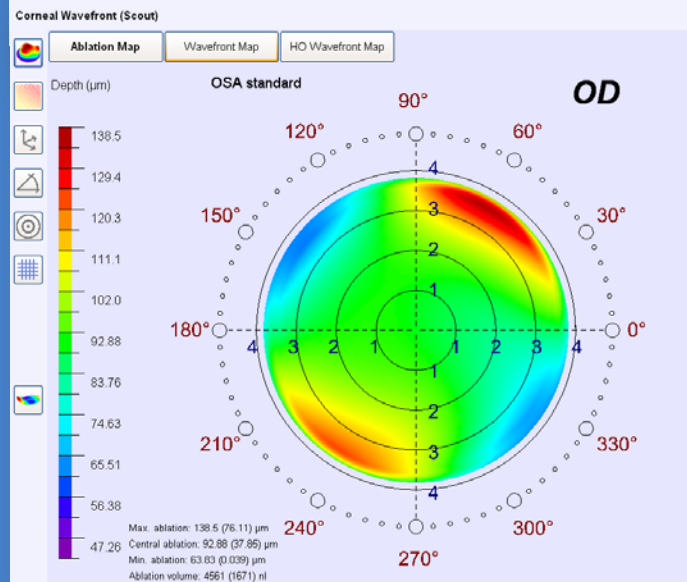
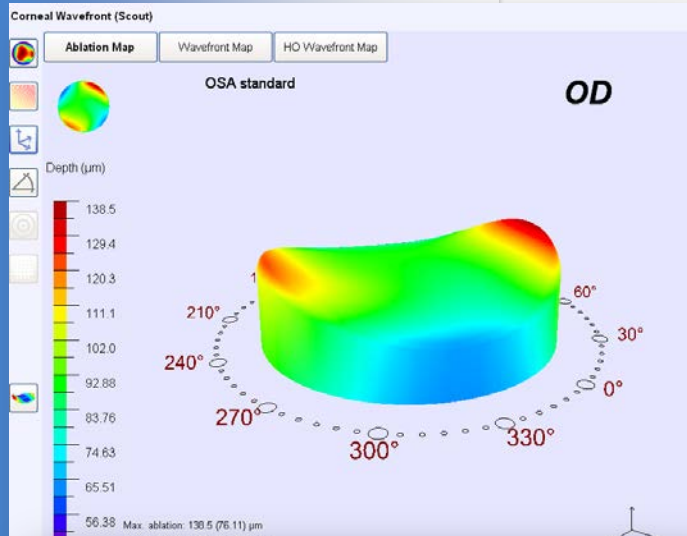


Sollevam... del flap



Trans Prk con wavefront corneale

Trattamento



Refraction RZ @ 4.00 mm

VD (mm): 12.0

Sph. (D)	Cyl. (D)	Axis (°)
Manifest: +1.00	-2.25 x	70
Target: 0	0 x	70
Laser: +1.00	-2.25 x	70
Offset: R: 0.24 mm / Angle: 180 °		

Optical zone

Total ablation zone: 7.85 mm
Selected OZ: 7.00 mm

min.: 4.00 mm max.: 8.79 mm
Imported \varnothing : 8.02 mm

RST manager

	centr. (μm)	@ 7.09mm (μm)
Pachy:	502	600
Epith.thickn.:	0	0
Abl. depth:	93	139
RST (>250)	409	461

Treatment status

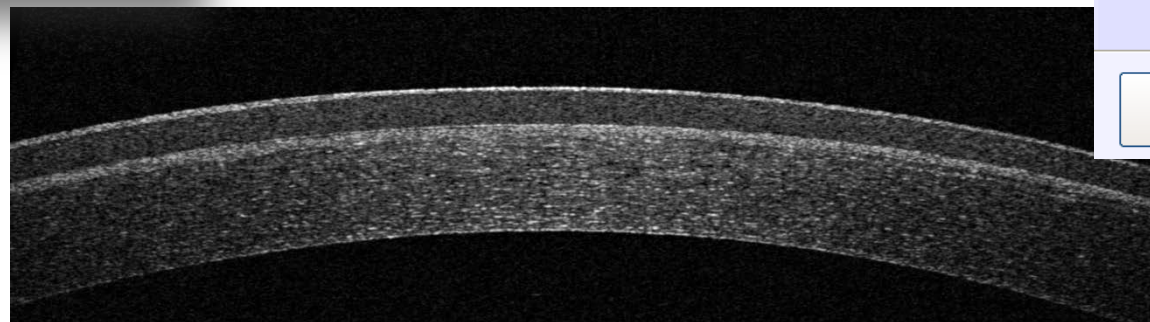
Mixed Astigmatism

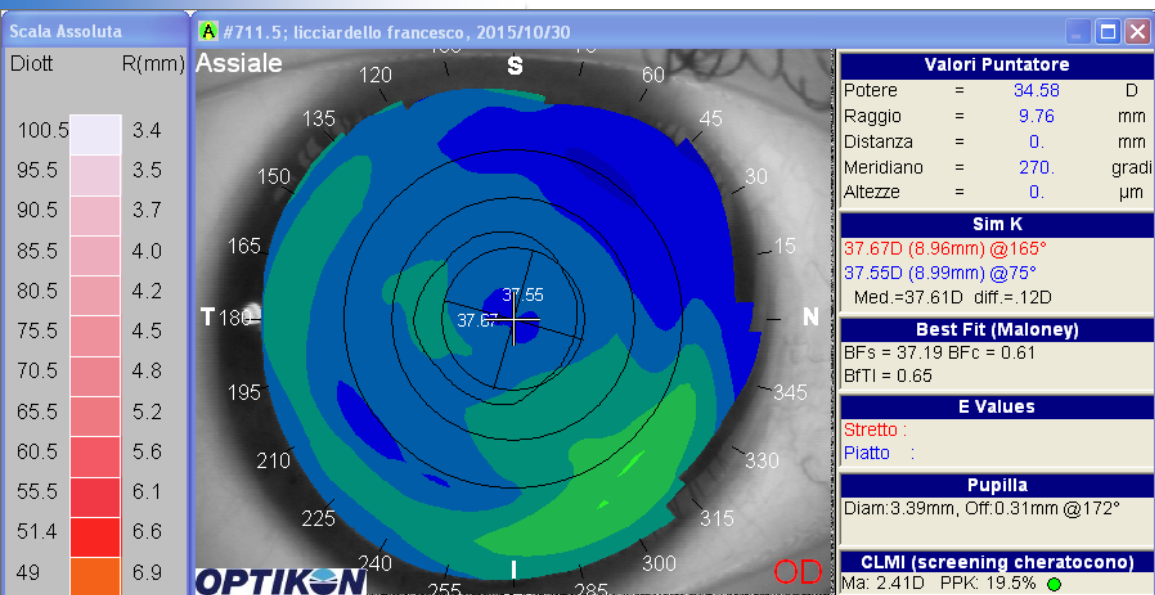
TransPRK

SCC data suitable
licciardello_francesco_r_519_1.ser

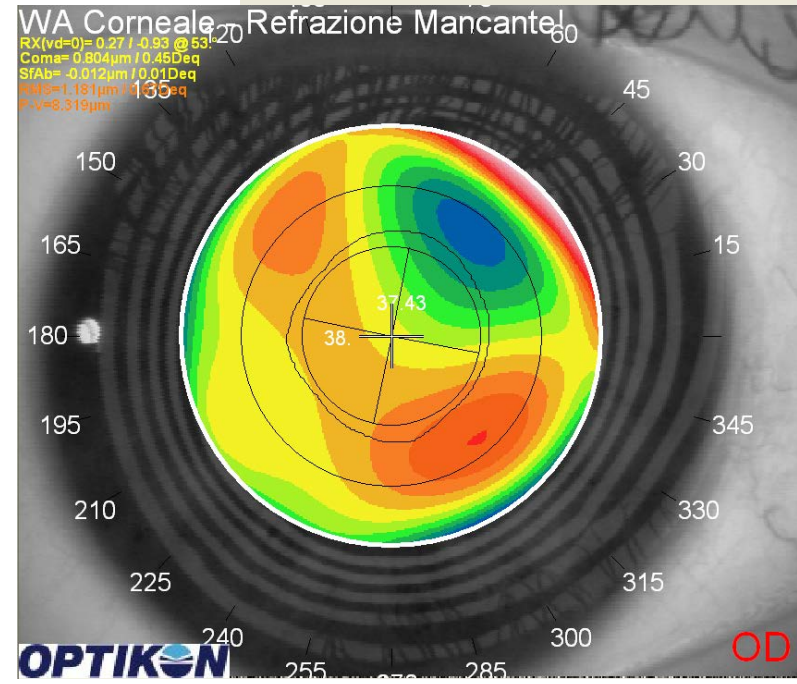
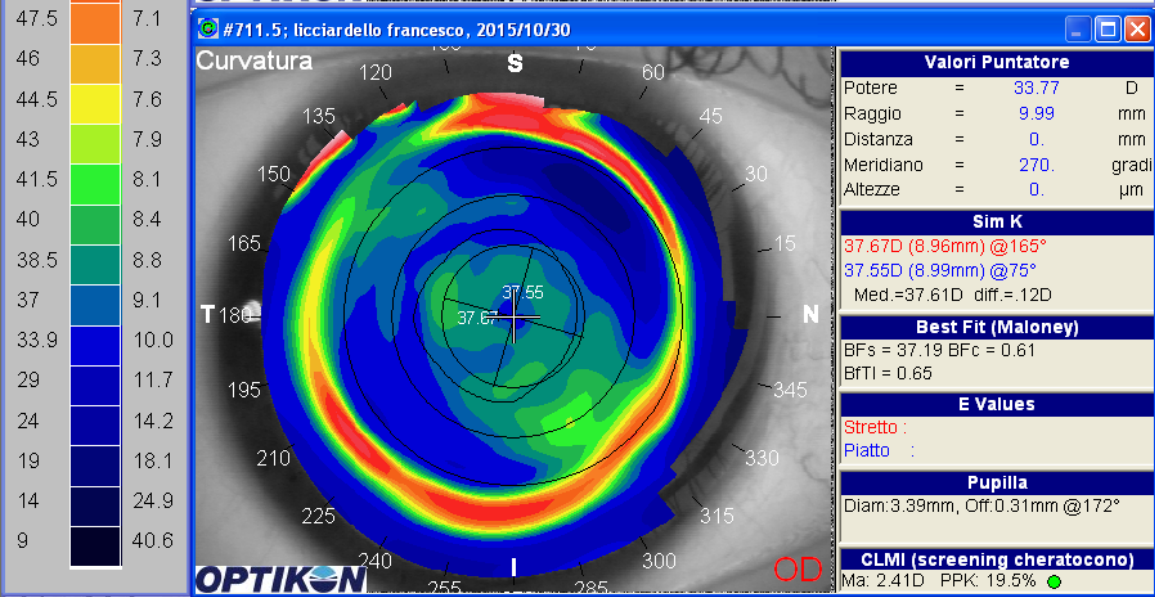
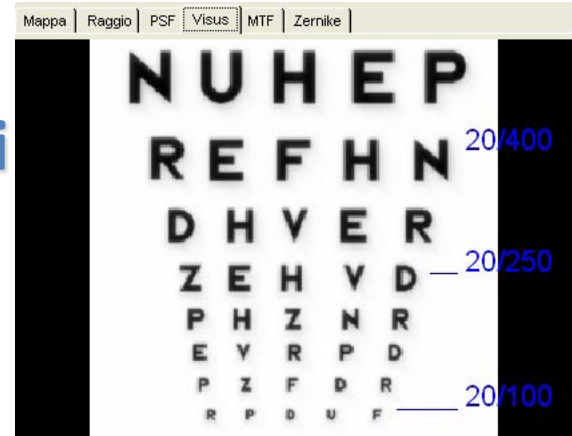
Apply Summary

ORK-CAM
PresbyMAX
PALK-CAM
PTK-CAM
Comparison
Open
Save
Print
Settings
Help
Info
Exit

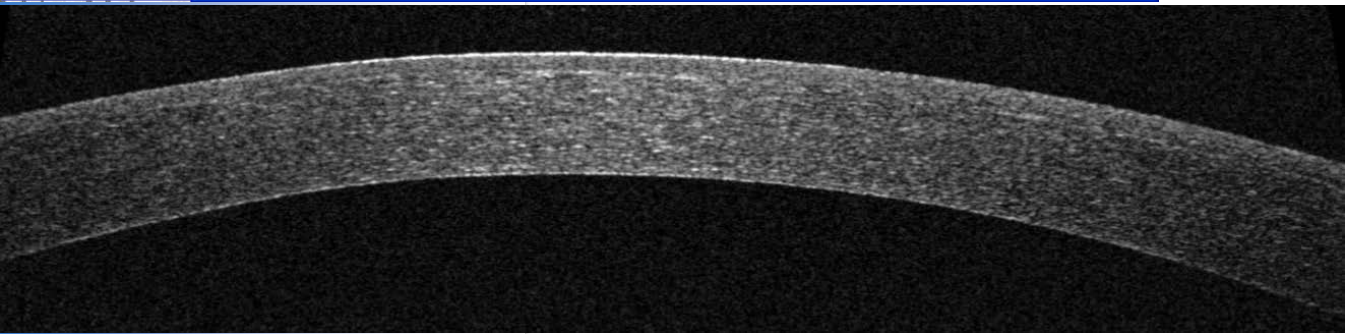




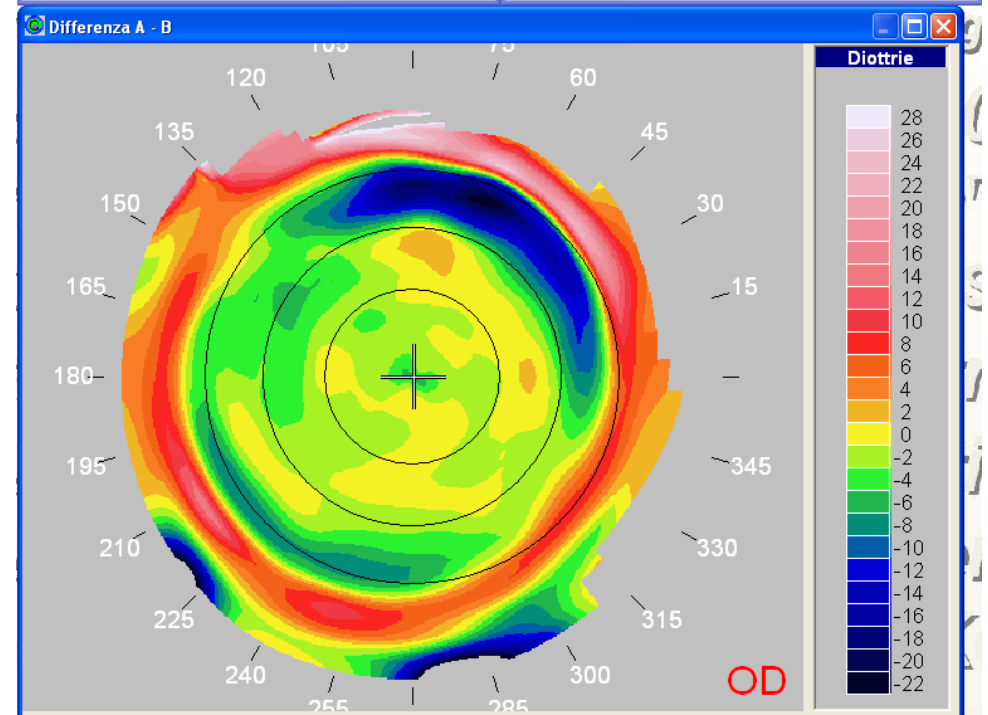
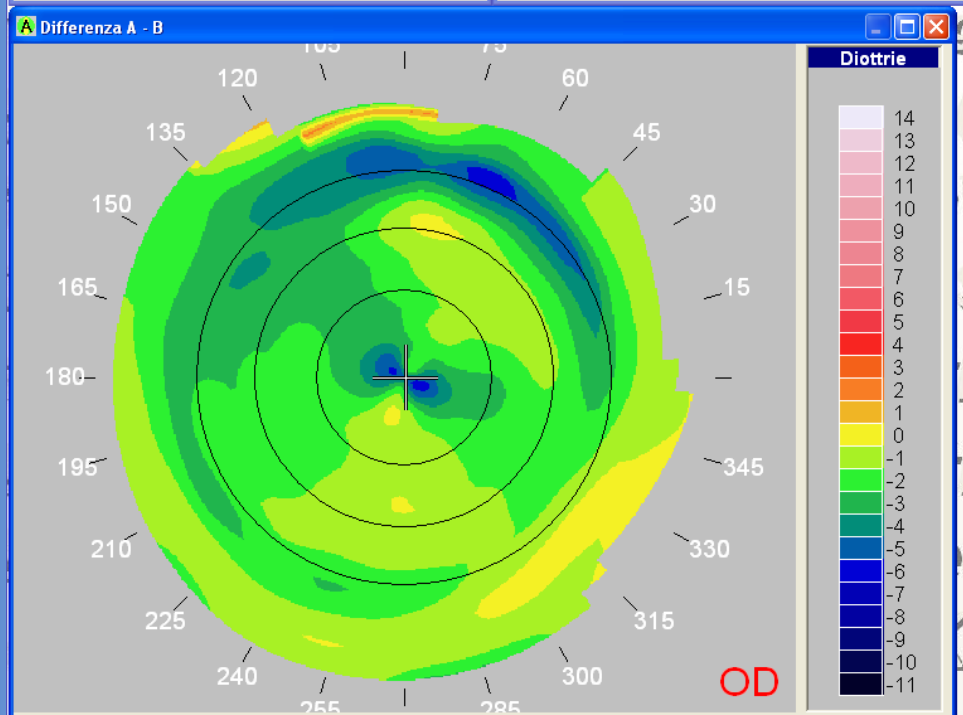
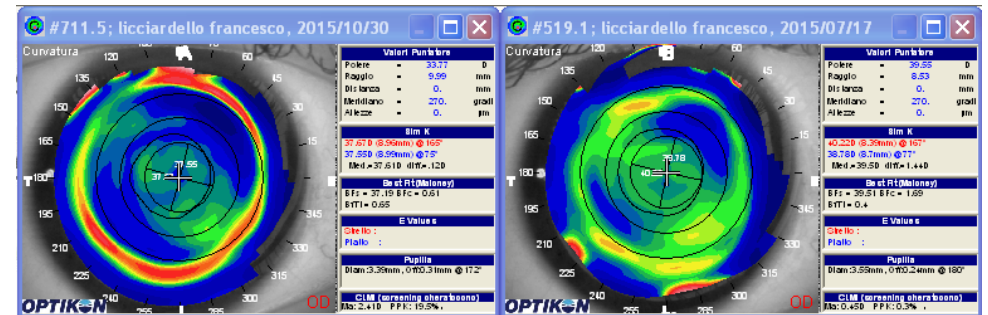
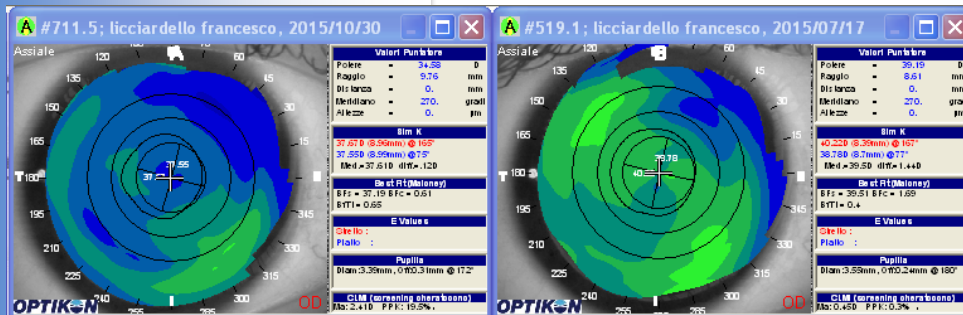
OD : Post 6 mesi
10/10 nat.



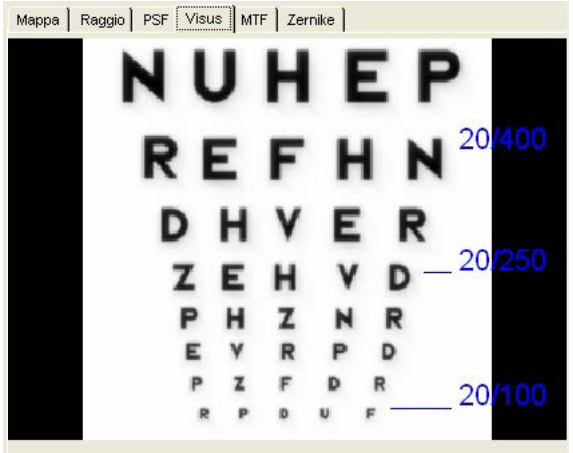
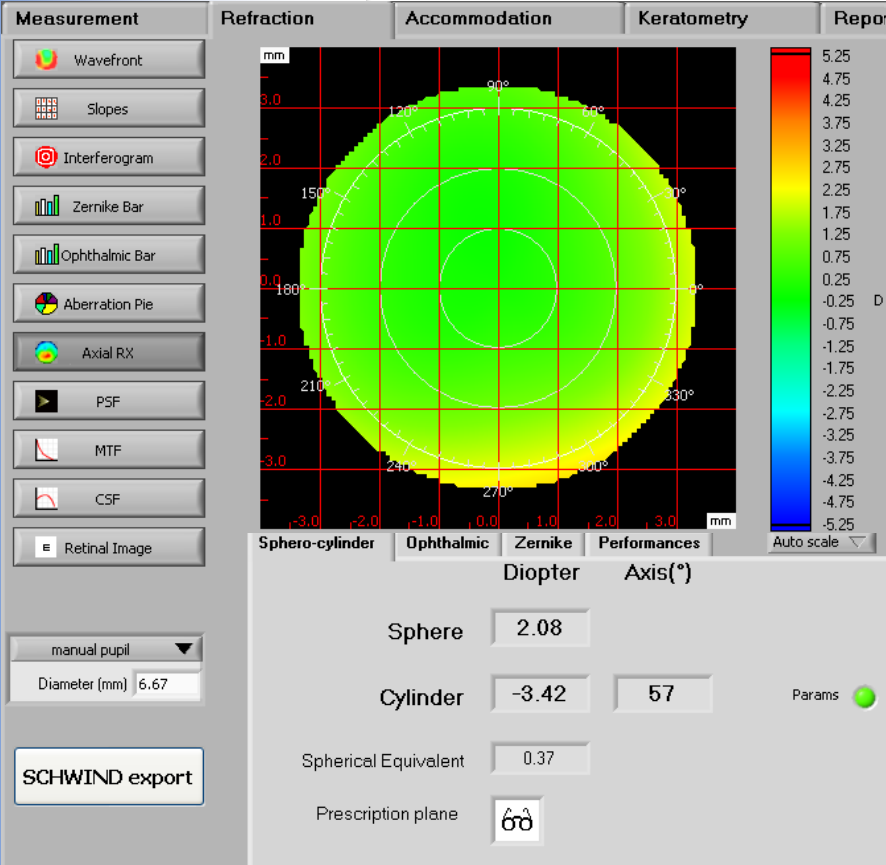
Zernike	Micron	Diottrie	Asse*	Descrizione aberrazioni
z(2, 0)	0.344	-0.19	---	Defocus
z(2, ±2)	1.167	-0.93	53.	Astigmatismo
z(3, ±1)	0.804	0.45	63.	Coma
z(3, ±3)	0.37	0.21	109.	Trifoglio
z(4, 0)	-0.012	0.01	---	Aberrazione sferica
z(4, ±2)	0.77	0.44	45.	Asigmatismo secondario
z(4, ±4)	0.171	0.1	49.	Quadrifoglio
z(5, ±1)	0.217	0.12	63.	Coma secondario
z(5, ±3)	0.165	0.09	49.	Trifoglio secondario
z(5, ±5)	0.157	0.09	52.	Pentafoglio
z(6, 0)	-0.134	0.08	---	Sferica secondaria
z(6, ±2)	0.103	0.06	53.	Astigmatismo VI ordine
z(6, ±4)	0.066	0.04	68.	Quadrifoglio VI ordine
z(6, ±6)	0.022	0.01	45.	Esafoglio



Mappa differenziale

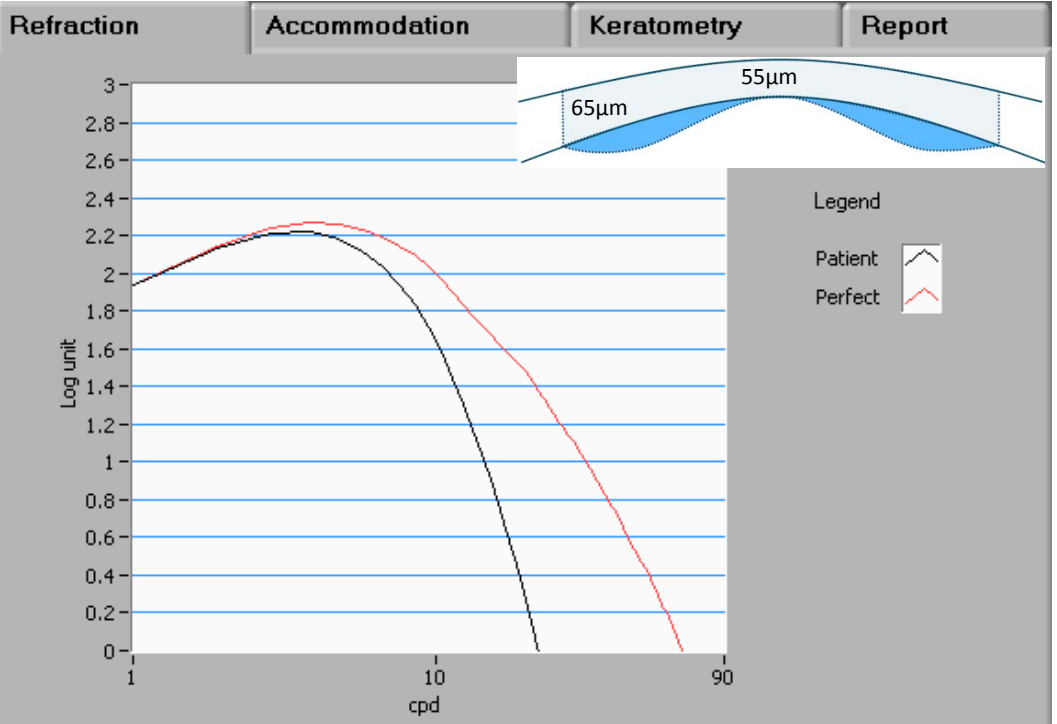


Aberrometria



Everything perfect

diameter	perfect	😊
depth	perfect	😊
curvature	perfect	😊



CONCLUSIONI

L'ablazione transepiteliale customizzata può essere un'utile tecnica nel trattamento degli errori refrattivi post Lasik ma devono essere selezionati attentamente i criteri di inclusione

- *Perfetta trasparenza del flap (no sabbia del deserto, fibrosi ecc.)*
- *Regolare spessore epiteliale*
- *Difetto refrattivo residuo di lieve entità*
- *Progettazione impeccabile con trattamento all'interno del flap (spessore e diametro)*

Transepithelial photorefractive keratectomy for the management of post-LASIK refractive error: a case report.