

SURGICAL MANAGEMENT OF APHACHIA: FROM ANTERIOR CHAMBER LENSES TO SUTURESS SCLERAL FIXATION FOLDABLE LENSES

VERSILIA HOSPITAL OPHTHALMOLOGY DEPARTMENT



**S. DELLA MAGGIORE
A. MANNINI
P. MARTINELLI
S. MURRI
M.C. ROMAGNOLI
A. VENTO**

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APHAKIA MANAGEMENT HAS BEEN A STIMULATING CHALLENGE FOR ANTERIOR AND POSTERIOR CHAMBER SURGEONS

ANTERIOR CHAMBER LENS



IRIS FIXATED LENS



SCLERAL FIXATION LENS



CARLEVALE LENS IS A NEW FOLDABLE SCLERAL FIXATION SUTURELESS IOL



MATERIALS AND METHODS

10 aphakic eyes (2 post traumatic, 4 intraoperative capsular breaks with no IOL implantation, 4 IOL luxations) were treated using the Soleko Carlevale Lens in the last 12 months.

RESULTS

ALL THE CARLEVALE LENSES RESULTED STABLE AFTER SIX MONTHS FROM SURGERIES

MEAN VISUAL ACUITY WAS 14/20

NO PATIENTS SUFFERED OF PAIN OR INFLAMMATIONS

TRICKS

IT IS ABSOLUTELY NECESSARY TO HAVE ENOUGH EYE PRESSURE SO ALWAYS USE VITRECTOMY INFUSION DURING SURGERY

TEMPORAL INCISION IS EASIER THAN 12 O'CLOCK TO INSERT LENS

CONCLUSIONS

CARLEVALE SCLERAL FIXATION FOLDABLE LENS IS A VERY GOOD
DEVICE TO MANAGE APHAKIA

EXPERT ANTERIOR SEGMENT AND VITREORETINAL SURGEONS
CAN EASILY MANAGE IT WITH GREAT RESULTS

CONTACTS:

S. DELLA MAGGIORE stefande60@gmail.com

M.C. ROMAGNOLI romagnolimariachiara@gmail.com