

# ALCHIMIA

## Ophthalmic Surgery

### **CATARACT SURGERY**

Ophthalmic gel  
Dyes

### **VITREORETINAL SURGERY**

Silicone oils  
Perfluorocarbons  
Gases  
Retinal dyes



# Ophthalmic gel

OPHTHALMIC SURGICAL PROCEDURES



## eyeDRO

is a triphasic polymeric gel designed to protect and hydrate the corneal surface during cataract and vitreoretinal surgery.

## eyeDRO

replaces multiple BSS applications and is particularly suitable for:

superficial punctate keratitis | exposure keratopathy  
deep set eyes | dry eye | corneal epithelial defects

## eyeDRO



EDO 001

REF.	PRODUCT	VOL.	QTY
EDO 001	eyeDRO advanced polysaccharide blend	2 ml	10

### TRIPOLYMERIC CORNEAL COATING GEL VERSUS BALANCED SALT SOLUTION IRRIGATION DURING CATARACT SURGERY: A RETROSPECTIVE ANALYSIS

Giardini P., Hauranieh N., Gatto C., D'Amato Tóthová J. - *Cornea*, 0: 1-5, 2018

### TRIPHASIC POLYMERIC CORNEAL COATING GEL VERSUS BALANCED SALT SOLUTION IRRIGATION DURING CATARACT SURGERY: A POSTOPERATIVE ANTERIOR SEGMENT OPTICAL COHERENCE TOMOGRAPHY ANALYSIS AND CONFOCAL MICROSCOPY EVALUATION

Mencucci R., Cennamo M., Favuzza E., Rechichi M., Rizzo S. - *Journal of Cataract & Refractive Surgery*, 2019

# Dyes

CATARACT SURGERY  
VITREORETINAL SURGERY



## RS-Blue

REF.	PRODUCT	VOL.	QTY
RSB 001-00	RS-Blue trypan blue 0,05%, vial	1,5 ml	6
RSB 002-00	RS-Blue trypan blue 0,05%, syringe	0,7 ml	6



RSB-001



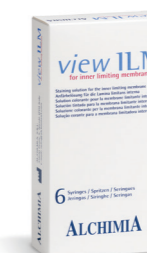
RSB-002

ANTERIOR CAPSULE



## view ILM TWIN

REF.	PRODUCT	VOL.	QTY
RMB 003-00	view ILM 0,03% blulife high density, syringe	0,7 ml	6
RMB 004-00	TWIN 0,18% trypan blue + 0,03% blulife high density, syringe	0,7 ml	6



RMB-003



RMB-004

ILM

ERM  
PVR  
ILM

### NEGATIVE STAINING OF THE VITREOUS WITH THE USE OF VITAL DYES

Mariotti C., Nicolai M., Donati S., Reibaldi M. *European Journal of Ophthalmology*, Apr 13:0, 2017

### INTRAOPERATIVE EFFICACY AND CLINICAL OUTCOMES OF TWO COMMERCIAL STAINING SOLUTIONS USED IN IDIOPATHIC EPIRETINAL MEMBRANE SURGERY

Iuliano L., Kacerik E., Corbelli E., Bandello F., Codenotti M. *Int Ophthalmol*, 2021

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# Ophthalmic gases

VITREORETINAL SURGERY



## GOT

REF.	PRODUCT	VOL.	QTY
GOT 007-00	GOT Multi SF <sub>6</sub> Pure sulfur hexafluoride, multidose cylinder	75 ml	1
GOT 008-00	GOT Multi C <sub>2</sub> F <sub>6</sub> Pure hexafluoroethane, multidose cylinder	75 ml	1
GOT 009-00	GOT Multi C <sub>3</sub> F <sub>8</sub> Pure octafluoropropane, multidose cylinder	75 ml	1

Each pack contains 1 gas cylinder + 1 gas injection set + 1 needle and 1 patient's wristband



GOT 007      GOT 008      GOT 009

## SET FOR REPEAT USE OF OPHTHALMIC GAS



REF.	PRODUCT	QTY
GIS 003-00	GIS gas injection set made of filter, needle, and patient's wristband	25

# Perfluorocarbons

VITREORETINAL SURGERY

HIGH PURITY

**NO** PFOA  
(perfluorooctanoic acid)



## HPF

REF.	PRODUCT	VOL.	QTY
HPF 019-00	HPF8 perfluoro-n-octane high purity, syringe	5 ml	1
HPF 020-00	HPF8 perfluoro-n-octane high purity, syringe	7 ml	1
HPF 021-00	HPF10 perfluorodecalin high purity, syringe	5 ml	1
HPF 022-00	HPF10 perfluorodecalin high purity, syringe	7 ml	1



HPF 019      HPF 021

## HPF

REF.	PRODUCT	VOL.	QTY
HPF 001-00	HPF8 perfluoro-n-octane high purity, vial	5 ml	1
HPF 002-00	HPF8 perfluoro-n-octane high purity, vial	7 ml	1
HPF 003-00	HPF10 perfluorodecalin high purity, vial	5 ml	1
HPF 004-00	HPF10 perfluorodecalin high purity, vial	7 ml	1



HPF 001      HPF 003

## THIRTEEN-YEAR VITREORETINAL SURGICAL OUTCOMES OF 5,097 CASES FROM A TERTIARY REFERRAL CENTER IN TURKEY

Teke M.Y., Balikogly-Yilmaz M., Yuksekkaya P., Citirik M., Elgin U., Ozdal P., Yenigun S., Sen E., Ozturk F. *Ophthalmologica*, 230 (4): 186-94, 2013

## OCULAR TOLERANCE AND EFFICACY OF SHORT-TERM TAMPONADE WITH DOUBLE FILLING OF POLYDIMETHYLOXANE AND PERFLUORO-N-OCTANE

Zenoni S., Romano M. R., Palmieri S., Comi N., Fiorentini E., Fontana P. *Clinical Ophthalmology*, 5: 443-449, 2011

## PARS PLANA VITRECTOMY ALONE FOR THE MANAGEMENT OF PSEUDOPHAKIC RHEGMATOGENOUS RETINAL DETACHMENT WITH ONLY INFERIOR BREAKS

Martínez-Castillo V. J., García-Arumí J., Boixadera A. *Ophthalmology* 123(7): 1563-9, 2016

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# Silicone oil

VITREORETINAL SURGERY



## RS-OIL

REF.	PRODUCT	VOL.	QTY
RSO 002-00	RS-OIL silicone oil 1000 cSt, vial	15 ml	1
RSO 003-00	RS-OIL silicone oil 1000 cSt, vial	10 ml	1
RSO 004-00	RS-OIL silicone oil 5000 cSt, vial	15 ml	1
RSO 005-00	RS-OIL silicone oil 5000 cSt, vial	10 ml	1
RSO 008-00	RS-OIL silicone oil 1300 cSt, vial	15 ml	1
RSO 009-00	RS-OIL silicone oil 5700 cSt, vial	15 ml	1
RSO 012-00	RS-OIL silicone oil 2000 cSt, vial	15 ml	1

## RS-OIL

REF.	PRODUCT	VOL.	QTY
RSO 006-00	RS-OIL ECS silicone oil 1000 cSt, syringe	10 ml	1
RSO 007-00	RS-OIL ECS silicone oil 5000 cSt, syringe	10 ml	1
RSO 010-00	RS-OIL ECS silicone oil 1300 cSt, syringe	10 ml	1
RSO 011-00	RS-OIL ECS silicone oil 5700 cSt, syringe	10 ml	1
RSO 013-00	RS-OIL ECS silicone oil 2000 cSt, syringe	10 ml	1



# Accessories

VITREORETINAL SURGERY

## VITRECTOMY SYSTEM CONNECTIONS

REF.	PRODUCT	QTY
ECT 002-00	Millennium™, STELLARIS® PC connection	1
ECT 003-00	ACCURUS®, Constellation®, Associate® 2500, EVA connection	1
ECT 004-00	ORBIT, OS3, OS4, FAROSTM™, R-Evolution connection	1



## AUTOMATIC INJECTION PACK



VITRECTOMY SYSTEMS				
	ACCURUS® CONSTELLATION® ASSOCIATE® 2500, EVA	MILLENNIUM™ STELLARIS® PC	ORBIT OS3 - OS4 FAROSTM™ R-EVOLUTION	
VISCOSITY OF SILICONE OIL IN SYRINGE (cSt)	1000	SOP 001	SOP 002	SOP 005
	1300	SOP 009	SOP 012	SOP 015
	2000	SOP 010	SOP 013	SOP 016
	5000	SOP 003	SOP 004	SOP 006
	5700	SOP 011	SOP 014	SOP 017

OCULAR TOLERANCE AND EFFICACY OF SHORT-TERM TAMPONADE WITH DOUBLE FILLING OF POLYDIMETHYLOXANE AND PERFLUORO-N-OCTANE

Zenoni S., Romano M. R., Palmieri S., Comi N., Fiorentini E., Fontana P.  
*Clinical Ophthalmology*, 5: 443-449, 2011

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# ALCHIMIA

YOUR IDEAS, OUR SOLUTIONS

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