

WHITESTAR  
SIGNATURE **PRO**

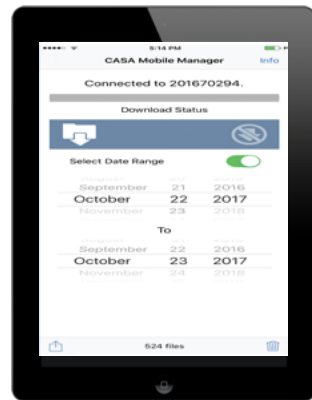
*It's all in*  
**your  
hands**



**PHACOEMULSIFICATION  
PRODUCT CATALOG**

Johnson & Johnson VISION

# WHITESTAR SIGNATURE™ PRO SYSTEM



**CASA**  
System data  
from your  
smartphone  
and tablet\*

Johnson & Johnson Vision does not provide or sell tablets and smartphones devices with the CASA application, phaco systems, LCS platforms or their accessories.

Please read the CASA user's guide for a comprehensive instruction of use.

**WHITESTAR SIGNATURE™**  
PRO System Console Part  
#NGP680301



**ELLIPS™ FX** Handpiece  
Part #690880



**Advanced Linear Pedal**  
Part #NGP680703



**LAMINAR™** Flow Phaco Tip –  
Straight



**Advanced Control Pedal**  
Part #NGP680702



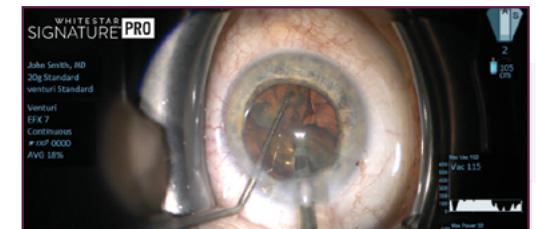
**LAMINAR™** Flow Phaco Tip – Curved



**Remote Control**  
Part #NGP680137



**FUSION™** Fluidics Dual Pump Single-  
Use Tubing  
Part #OPO73



**High-Definition Surgical Media Center (HDSMC)**  
Part #HDSMC

\*CASA is not a medical device



# STATE-OF-THE-ART ANALYTICS

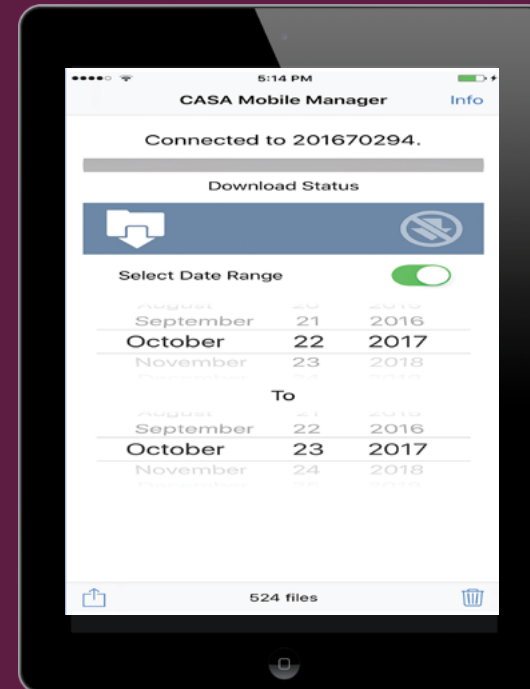
## A WHOLE NEW WAY TO LOOK AT YOUR PRACTICE

Designed for surgeons and administrators, the Cataract Analysis and Settings App (**CASA**) delivers easily accessible surgical performance metrics directly to your iPad device, **empowering you to elevate your surgical suite management using accurate, quantifiable insights** on your procedural outcomes.



With **CASA**, you can easily access **WHITESTAR SIGNATURE™ PRO** System data from your smartphone and tablet.

Johnson & Johnson Surgical Vision, Inc. does not provide or sell iPad devices with the CASA application, phaco systems, LCS platforms or their accessories. CASA is not currently available for Android devices. Please read the CASA user's guide for a comprehensive instruction for use.



## ANALYZE TO OPTIMIZE

Empower your surgical suite management with the **CATARACT ANALYSIS AND SETTINGS APPLICATION (CASA)**

- Wirelessly connect to one or multiple systems
- Get a customized, strategic view of your practice
- Access easy-to-interpret performance charts
- Empower surgeons, administrators and everyone in between



# EXCEPTIONAL VERSATILITY

## ELLIPS™ FX TECHNOLOGY

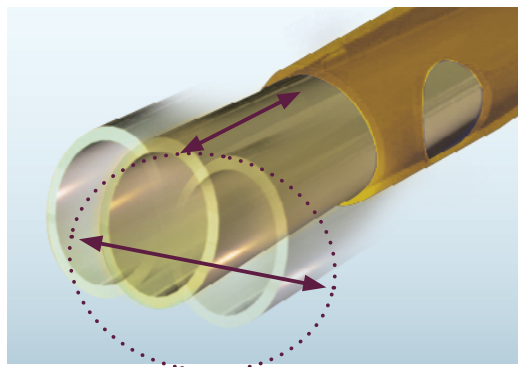
### Smooth and efficient lens extraction<sup>1</sup>

- Innovative technology delivers superb performance
- Special simultaneous blending of transversal and longitudinal motion
- Efficient cutting\* and high frequency
- Special technology effectively holds fragments at tip end for enhanced followability\*



### Cutting for excellent efficiency

ELLIPS™ FX Technology is a change in paradigm in lens extraction technology – simultaneous blending of longitudinal and transversal modalities at high cutting frequency. More power and combined energy modalities designed to offer you excellent cutting efficiency\* and precise control without having to change your preferred technique.



### Delivering exceptional versatility

- Does not require a change in technique
- Can be used with all Johnson & Johnson Vision tip styles, curved or straight and flared

ELLIPS™ FX Technology provides a large stroke path and simultaneous blending of longitudinal and transversal motion for efficient cutting and fast lens removal.\*



**WHITESTAR™  
Phaco Handpiece**  
Part #690697



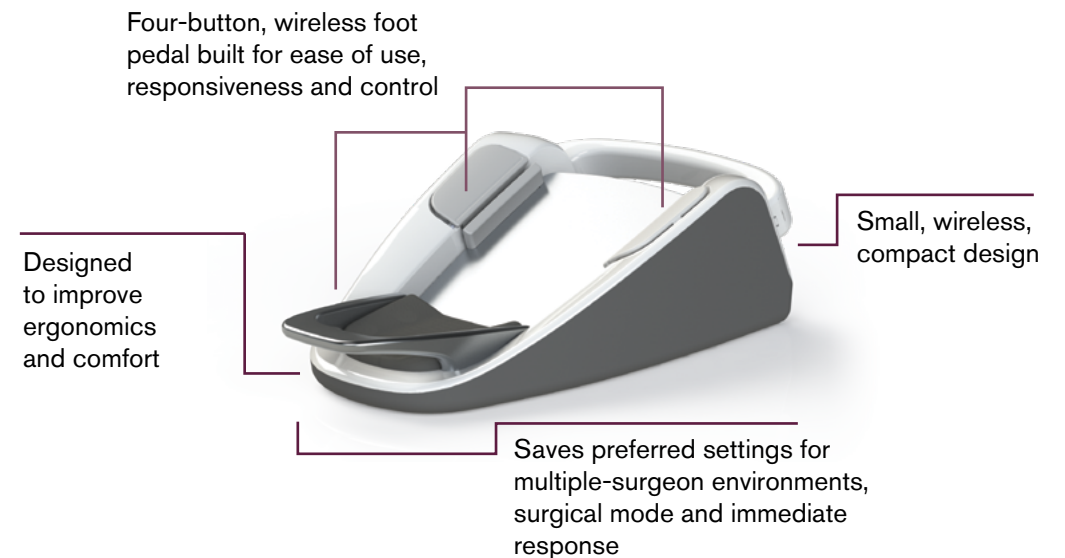
**ELLIPS™ FX  
Handpiece**  
Part #690880

## TWO CHOICES OF FOOT PEDALS

Easy-to-use foot pedals provide up-down and left-right positions to deliver customizable switching capabilities for all system functions.

### ADVANCED LINEAR PEDAL<sup>1</sup>

Part #NGP680703



### ADVANCED CONTROL PEDAL<sup>1</sup>

Part #NGP680702

- Easy-grip handle for repositioning and storage
- Adjustable foot stabilizers and heelrest to secure and accommodate most footwear

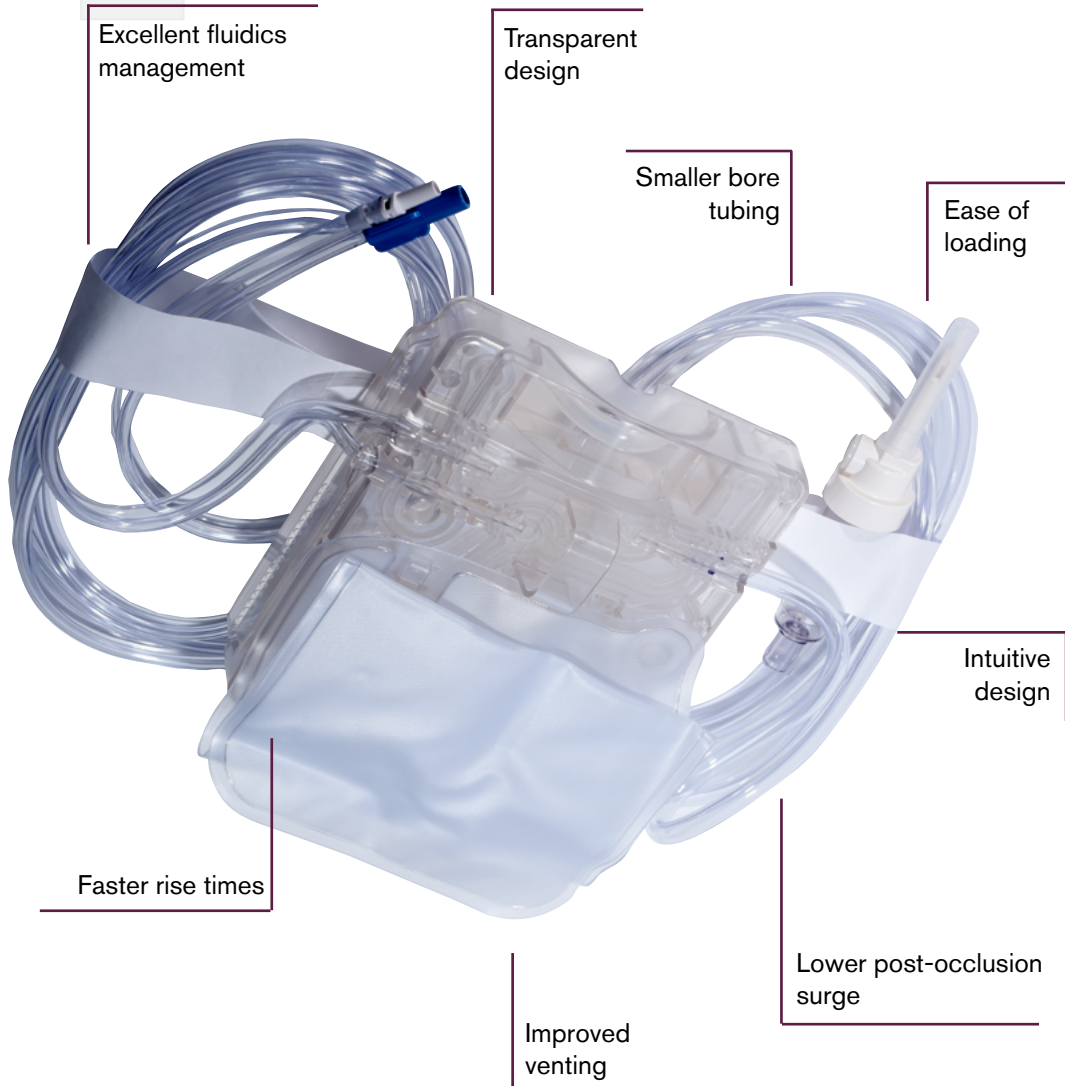


\* Assil K, et al. Transverse vs torsional ultrasound: prospective randomized contralaterally controlled study comparing two phacoemulsification-system handpieces. *Clinical Ophthalmology* 2015; 9:1405-1411. REF2015CT0477



# PROACTIVE IOP MANAGEMENT

## FUSION™ FLUIDICS DUAL-PUMP SINGLE-USE TUBING OPO73\*1,2



FUSION™ Fluidics Dual-Pump Single-Use Tubing Part #OPO73



### PROCEDURE PACK

With multiple configuration options depending on your particular needs, Johnson & Johnson Vision provides custom-made procedure packages to add value by simplifying the access to key consumables for a successful surgery.

\*Compared to OPO71 tubing

# IRRIGATION AND ASPIRATION ACCESSORIES

You can use the following products with all Johnson & Johnson Vision Phaco Systems.

## Coaxial:

### PHACOFIT™ Irrigation / Aspiration Products

Part number	Name	Quantity
OM055002	Titanium handle	1 each
OM0551012	Tip, curved, 0.3-mm port	1 each
OM0551013	Tip, 45 degree, 0.3-mm port	1 each
OM0551014	Tip, 90-degree, 0.3-mm port	1 each
OM0551016	Tip, straight, 0.3-mm port for silicone sleeve	1 each
OM05510116	Tip, 45-degree, 0.3-mm port for silicone sleeve	1 each
Ti-98431	Tip, 21-gauge, straight, 0.3-mm port	1 each
Ti-98432	Tip, 21-gauge, bent, 0.3-mm port	1 each
OM05510112	Replacement O-ring	5 per box



PHACOFIT™ Multi-tip Irrigation and Aspiration Products

## Bimanual:

### Duet Bimanual 22g Irrigation / Aspiration System

Part number	Name	Quantity
DU02100	Duet aspiration handle	1 each
DU02200	Duet irrigation handle	1 each
DU-02355	Aspiration tip, 22-gauge, curved, closed end, 0.3-mm port, capsule polisher	1 each
DU-02354	Irrigation tip, 22-gauge, curved, closed end	1 each



# IRRIGATION AND ASPIRATION ACCESSORIES

Use of Johnson & Johnson Vision irrigation and aspiration systems according to incision size

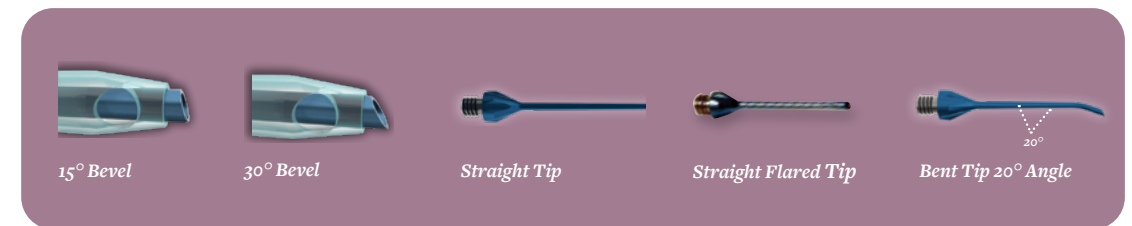
Phaco tips	Incision size 2.2 mm to 2.4 mm	Incision size 2.4 mm to 2.7 mm	Incision size 2.7 mm to 3.0 mm
<b>21 Gauge</b> (Blue Tips)	Light-Blue Sleeve OPOS21LD <i>Single Use</i> 	—	—
<b>20 Gauge</b> (Gold Tips)	—	Yellow Sleeve OPOS20L <i>Reusable</i> 	—
<b>19 Gauge</b> (Silver Tips)	—	—	Blue Sleeve OPOS19L <i>Reusable</i> 

	Incision size 2.2 - 2.4 mm	Incision size 2.4 - 2.7 mm	Incision size 2.7 - 3.0 mm
<b>Duet BiManual I/A System</b>	MST Duet aspiration handle: DU02100 <b>WITH</b>	—	—
	Curved aspiration tip, closed end, 22g (0.7 mm), 0.3 mm port capsule polish: DU-02355 <b>AND</b>	—	—
	MST Duet irrigation handle: DU02200 <b>WITH</b>	—	—
	Curved irrigation tip, closed end, 22g (0.7 mm): DU-02354	—	—
<b>I/A handles and tips</b>	I/A Titanium handle: OMO55002 <b>WITH</b>	I/A Titanium handle: OMO55002 <b>WITH</b>	I/A Titanium handle: OMO55002 <b>WITH</b>
	MST Barrett V2, 21g, straight, capsule polish, 0.3-mm port: Ti-98431 <b>OR</b>	Tip, curved, 0.3-mm port: OMO551012 <b>OR</b>	Tip, curved, 0.3-mm port: OMO551012 <b>OR</b>
	MST Barrett V2, 21g, bent, capsule polish, 0.3-mm port: Ti-98432 <b>OR</b>	Tip, 45-degree, 0.3-mm port: OMO551013 <b>OR</b>	Tip, 45-degree, 0.3-mm port: OMO551013 <b>OR</b>
	<b>OR</b>	Tip, 90-degree, 0.3-mm port: OMO551014 <b>OR</b>	Tip, 90-degree, 0.3-mm port: OMO551014 <b>OR</b>
	Tip, 45-degree / Tip, straight: OMO5510116 / OMO551016 <b>WITH</b>	Tip, 45-degree / Tip, straight: OMO5510116 / OMO551016 <b>WITH</b>	Tip, 45-degree / Tip, straight: OMO5510116 / OMO551016 <b>WITH</b>
	21g sleeve OPOS21LD	20g sleeve OPOS20L	19g sleeve OPOS19L

# COMMONLY USED SLEEVES GUIDE

Accessories	Product description	Sleeve color	Usage	Tip gauge size	Incision size
<b>OPOS21LD</b>	PKG ASSY, OPOS21LD 21GA IRRIGATION	Light Blue	Single Use	21	2.2 mm to 2.4 mm
<b>OPOS20L</b>	20G SLEEVE	Yellow	Reusable	20	2.4 mm to 2.7 mm
<b>OPOS19L</b>	Johnson & Johnson LAM Flow Infu Slv/Test CHBR 19 Gauge	Blue	Reusable	19	2.7 mm to 3.0 mm
<b>OPOMTWL</b>	<b>LAMINAR™</b> FLOW METAL TIP WRENCH	-	Reusable	-	-

# COMMONLY USED PHACO TIPS



Straight Tips	19 Gauge	21 Gauge		20 Gauge	
15° Bevel	OPOR1519L <i>Reusable</i>	OPOR1521G <i>Single Use</i>	—	—	OPOR1520L <i>Reusable</i>
30° Bevel	OPOR3019L <i>Reusable</i>	OPOR3021G <i>Single Use</i>	OPOR3021R <i>Reusable</i>	OPOD3020L <i>Single Use</i>	OPOR3020L <i>Reusable</i>
<b>Straight Flared Tips</b>					
30° Bevel	OPOF3019L <i>Reusable</i>	—	—	—	—
<b>Bent Tips</b>					
30° Bevel	—	OPOCR3021L <i>Single Use</i>	—	OPOCR3020L <i>Single Use</i>	—

# EXTERNAL SHAFT OUTER DIAMETER

	Tip OD (Outer Diameter)	Tip ID (Inner Diameter)
<b>21 Gauge</b>	0.74 mm	0.56 mm
<b>20 Gauge Flare</b>	0.74 mm (shaft) 0.9 mm (at tip)	0.56 mm
<b>20 Gauge</b>	0.9 mm	0.7 mm
<b>19 Gauge</b>	1.1 mm	0.9 mm

## MISCELLANEOUS ACCESSORIES

### AMO ENDOSOL™ Balanced Salt Solution:

Balanced salt solution for ophthalmic irrigation

Part number	Name	Quantity
15020	Sterile, isotonic and preservative-free solution	500-ml glass bottle 10 bottles per carton



### Diathermy Accessories:

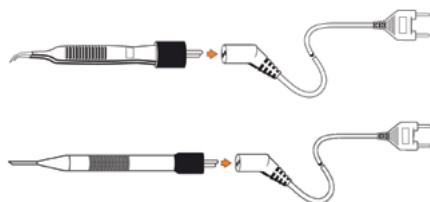
You can use the following products with the **WHITESTAR SIGNATURE™ PRO** System.

Part number	Name	Quantity
K121085AL	Multi-use bipolar forceps, curved iris	1 each
K147000AL	Multi-use, 18-gauge diathermy pencil	1 each
SCP680600	Diathermy cable with connector for forceps or pencil	1 each

### Anterior Vitrectomy Accessories:

Part number	Name	Quantity
NGP0020	20-gauge high-speed vitrectomy cutter*	6 per box
NGP0023	23-gauge high-speed vitrectomy cutter*	6 per box

\* for **WHITESTAR SIGNATURE™ PRO** System



### Sterilization Trays:

Part number	Name	Quantity
OM2908011	Handpiece sterilization tray	1 each



### Power Cord:

Part number	Name	Quantity
4000811C	Power cord continental version	1 each
4000821U	Power cord UK version	1 each



### Wall Charger: (foot pedal)

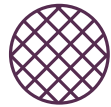
Part number	Name	Quantity
0100 - 1835	AC charger wireless connector	1 each



# SINGLE-USE COAXIAL I/A INSTRUMENTS



POLISHED



TEXTURED

Introducing our latest **WHITESTAR SIGNATURE™ PRO** phaco system accessories. Our new disposable irrigation/aspiration instruments offer:

- Modern ergonomic design
- Exceptional grip for outstanding handling
- Colour coding of gauge sizes
- Available for recommended incisions sizes of: 1.8 mm / 2.2 mm / 2.5 mm
- Choice of polished or textured tips



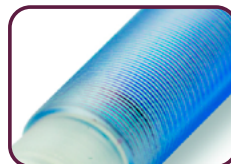
## AVAILABLE IN:



20 G

21 G

23 G

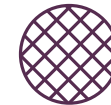


REFERENCE Nr.	DESCRIPTION
MCS4520P	1 angled 45° 20 G, asp. port 0.35 mm, handpiece with polished asp. head, incision size 2.5 mm
MCS6520T	1 angled 65° 20 G, asp. port 0.35 mm, handpiece with textured asp. head, incision size 2.5 mm
MCS4523P	1 angled 45° 23 G, asp. port 0.30 mm, handpiece with polished asp. head, incision size 1.8 mm

# SINGLE-USE BIMANUAL I/A INSTRUMENTS

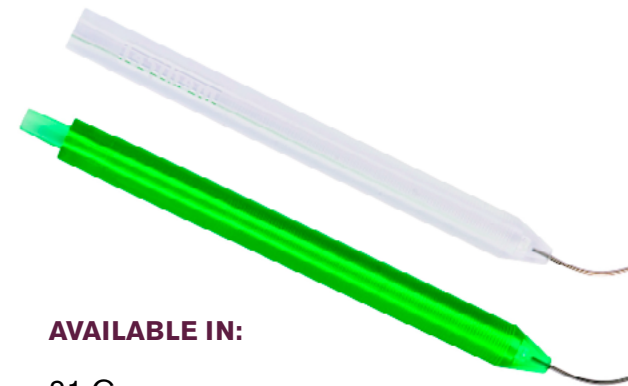


POLISHED



TEXTURED

- Modern ergonomic design
- Exceptional grip for outstanding handling
- Colour coding of gauge sizes
- Available for recommended incisions sizes of 0.8 mm / 1.1 mm



## AVAILABLE IN:

21 G

23 G



REFERENCE Nr.	DESCRIPTION
MBSCR21	1 aspiration handpiece 21 G, 1 irrigation handpiece 21 G, with 2 irrigation ports 0.45 mm, incision size of 1.1 mm
MBSCR23	1 aspiration handpiece 23 G, 1 irrigation handpiece 23 G, with 2 irrigation ports 0.30 mm, incision size of 0.8 mm

## WHITESTAR SIGNATURE™ PRO SYSTEM PHYSICAL SPECIFICATIONS <sup>1</sup>



<b>System Console</b>		<b>Metric</b>
Console dimensions (with display)	Width	61 cm
	Depth	61 cm
	Height	150 cm
Weight (including IV pole)		84 kg
Power cord length		600 cm
<b>Foot pedal</b>		
<b>Advanced Control Pedal</b>		
Dimensions	Width	27 cm
	Length	36 cm
	Height	14 cm
Weight		7 kg
Cord length		366 cm
<b>Advanced Linear Pedal</b>		
Dimensions	Width	25 cm
	Length	39.6 cm
	Height	12.4 cm
Weight		5 kg
Cord length		366 cm
<b>Programmable IV Pole</b>		
Maximum travel		106 cm
Velocity		6 cm/sec
Maximum lift weight		1.1 kg
<b>Wireless Remote Control</b>		
Dimensions	Width	13 cm
	Length	13 cm
	Height	4 cm
Weight		0.9 kg

Not all products are offered in every market and instructions may vary from one country to another. Please talk to your Johnson & Johnson Vision contact about availability in your country.

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References:

1. **WHITESTAR SIGNATURE™ PRO** Op Manual 0100-7600, Rev. C. REF2020CT4240.
2. DOF2016CT0033 - Mehta D, Keh S. Comparison Study **WHITESTAR SIGNATURE™ PRO** system with OPO71 **FUSION™** Fluidics pack and OPO73 **FUSION™** Fluidics pack Post Occlusion Surge. Dec. 14, 2016.

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