

## SURGICAL IMPLANTATION PEARLS— iStent inject® W TRABECULAR MICRO-BYPASS

### ▶ STEP 1

Tilt the patient's head away from surgeon up to 25 degrees.

Tilt microscope toward surgeon up to 35 degrees to obtain proper anterior chamber angle viewing.

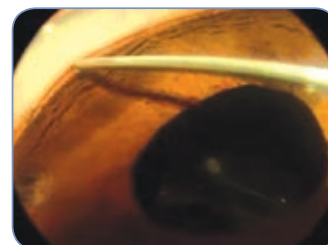
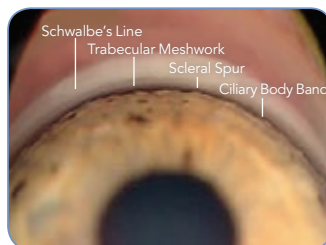


Tilt the microscope towards the surgeon for best visualisation

Tilt patient's head away from the surgeon

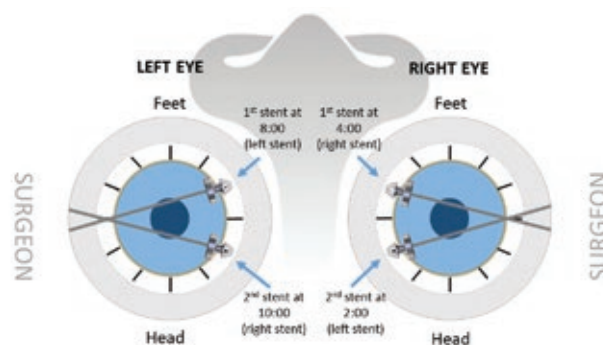
### ▶ STEP 2

Apply viscoelastic to the cornea and then position gonioprism on cornea to visualise trabecular meshwork. Adjust microscope (10–12x) and locate trabecular meshwork; target iStent inject® W implantation site.



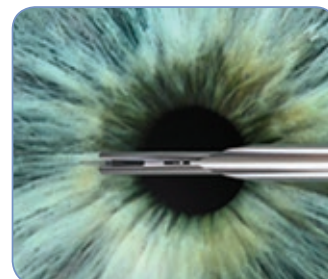
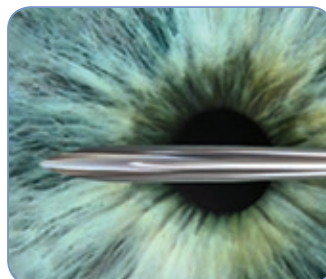
### ▶ STEP 3

Suggested Implantation Approach Planning: Surgeon positioned temporally, targeting 8 o'clock and 10 o'clock (left eye) or 4 o'clock and 2 o'clock (right eye).



### ▶ STEP 4

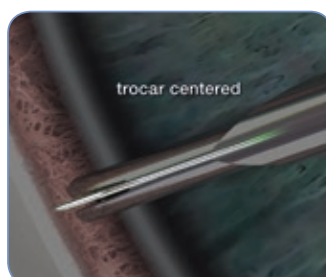
Deepen anterior chamber with a cohesive viscoelastic, as required. Enter eye with the iStent inject® W injector through the incision. Advance past the pupillary margin then retract the insertion sleeve by pulling back on the BLUE insertion sleeve retraction button.



### ▶ STEP 5

Place trocar through the center or slightly anterior portion of trabecular meshwork and into back wall of Schlemm's canal.

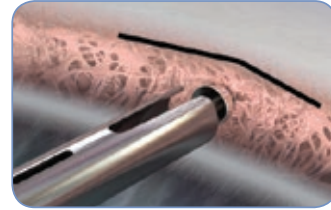
Keep the trocar PERPENDICULAR to the trabecular meshwork and centered within the insertion tube.



# SURGICAL IMPLANTATION PEARLS

## ▶ STEP 6

Dimple tissue enough to see a "V" when pressing on trabecular meshwork. With a steady, relaxed hand, squeeze BLACK stent delivery button to implant stent, ensuring the trocar is in the center of the insertion tube. KEEP FINGER ON STENT DELIVERY BUTTON while pulling back from implanted stent.



## ▶ STEP 7

Move 2 to 3 clock hours away and implant second stent using same technique.



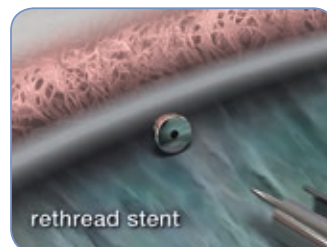
## ▶ STEP 8

There are two stents in every iStent *inject*® W injector and four firing opportunities. Refer to the following chart for tips on implanting the second stent, based on the results of the first stent implantation.

Scenario	Surgical Situation	PROCEDURE/RESULT BY FIRING POSITION			
		1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>
1	No under implanted stents	Dimple tissue 1 <sup>st</sup> stent implanted	Dimple tissue 2 <sup>nd</sup> stent implanted	N/A	N/A
2	1 <sup>st</sup> stent remains on trocar	Dimple tissue 1 <sup>st</sup> stent under implanted on trocar	Flush with tissue 1 <sup>st</sup> stent implanted	Dimple tissue 2 <sup>nd</sup> stent implanted	N/A
3	1 <sup>st</sup> stent under implants and is not retained on trocar	Dimple tissue 1 <sup>st</sup> stent under implanted <u>not</u> on trocar	Dimple tissue 2 <sup>nd</sup> stent implanted	Rethread 1 <sup>st</sup> stent Dimple tissue 1 <sup>st</sup> stent implanted	N/A
4	2 <sup>nd</sup> stent under implants (regardless if on trocar)	Dimple tissue 1 <sup>st</sup> stent implanted	Dimple tissue 2 <sup>nd</sup> stent under implanted	Dimple tissue 2 <sup>nd</sup> stent implanted	N/A

## ▶ STEP 9

If a stent is under implanted or prematurely released, rethread it onto the trocar and proceed with implantation.



GLAUKOS CORPORATION  
229 Avenida Fabricante • San Clemente, CA • 92672 • USA  
tel +1 949 367 9600 • fax +1 949 367 9984 • www.glaukos.com

© 2019 Glaukos Corporation. iStent *inject*® and Glaukos are registered trademarks of Glaukos Corporation.

PM-EU-0059

**GLAUKOS®**  
Transforming Glaucoma Therapy