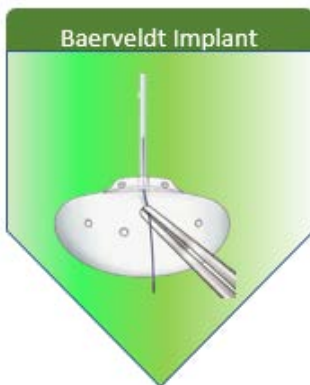


Valved vs Non-Valved GDD



Type	<u>Valved</u> GDD	<u>Non-Valved</u> GDD
Company	New World Medical	Johnson & Johnson
Model	FP7	Baerveldt 350
Size	184 mm ²	350 mm ²
Material	Silicone	Silicone
Requires muscle dissection?	NO	YES <small>*Baerveldt 250 does not</small>
Early IOP control	YES <small>*due to valve mechanism</small>	NO

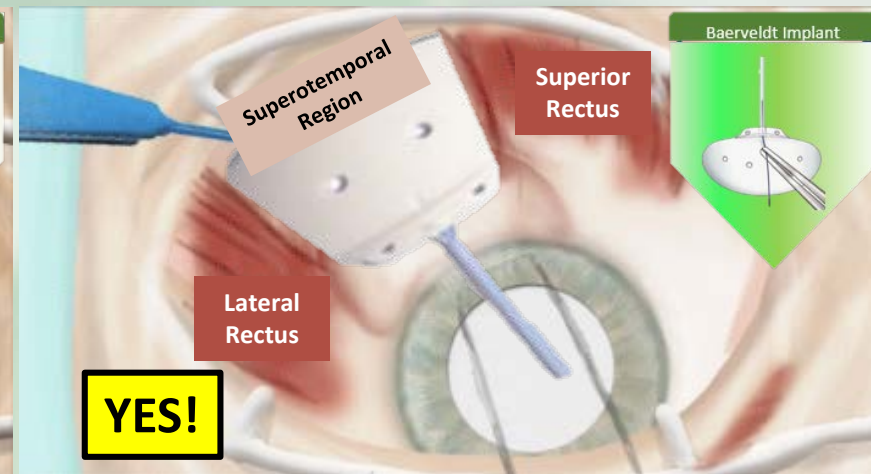
Are surgeons required to dissect muscles during the surgery?

NO!

The FP7 (Ahmed Glaucoma Valve) is implanted between the 2 muscles.



[Ahmed Glaucoma Valve Surgery by Chris Teng, MD](#)



YES!

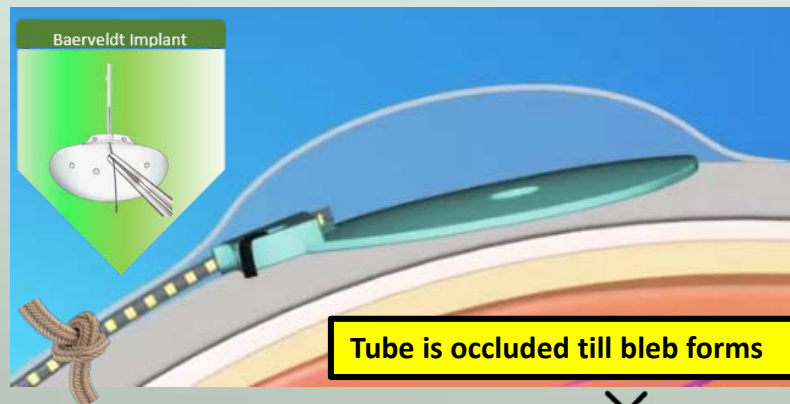
Although the Baerveldt 350 is implanted between the 2 muscles, the “wings” of the implant are secured under the rectus muscles.

* Baerveldt 250 does not require muscle dissection



[Baerveldt 350 Implant Surgery by Ike Ahmed, MD](#)

How does a Non-Valved Glaucoma Drainage Device Control IOP ?



Tube is occluded till bleb forms

Non-valved devices are often occluded with a ripcord and/or ligature suture. Fenestrations are made in the tube after ligation.

Postoperative IOP is unchanged and requires continuation of all preoperative medications until the bleb forms



[Fenestrations in a Non-Valved implant \(Baerveldt\) by Chris Teng, MD](#)