



## Glaucoma Drainage Devices Wet Lab: Indications and Techniques Appareils de drainage du glaucome en aqualab Indications et techniques

Saturday, June 20 | 0800-1100 | Pier 4  
Samedi 20 juin

### Description

In this course, participants will be instructed on the indications, techniques and post-operative management including complications of glaucoma drainage devices. There will also be an opportunity to practice these techniques in the wet lab.

### Objectives - Objectifs

At the end of this workshop, participants will be able to:

- articulate when a glaucoma drainage device (GDD) should be considered.

- understand the difference between flow restrictive and non-restrictive glaucoma drainage devices.
- appreciate when one type of GDD would be used, over another.
- recognize the potential complications during and following surgery and how best to prevent them.

À la fin de l'atelier, les participants pourront :

- juger quand il faudrait utiliser l'appareil de drainage du glaucome (ADG).
- comprendre la différence entre les appareils de drainage du glaucome réducteurs ou non de débit.
- apprécier quand il faudrait utiliser un type d'AGD plutôt qu'un autre.
- connaître les possibilités de complication pendant et après la chirurgie et comment les prévenir.

### Instructors

*Ahmed Glaucoma Valves*

Graham Trope, Robert Schertzer, Yvonne Buys

*Baerveldt Drainage Implant*

David Tingey, Paul Harasymowycz, Paul Rafuse, Marcelo Nicolela

### Moderators - Animateurs

Robert M. Schertzer, Yvonne Buys

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| 0800 | Opening remarks<br><b>Robert M Schertzer, Yvonne Buys</b><br><i>Indications and mechanism of GDD</i> |
| 0805 | GDD indications<br><b>Yvonne Buys</b>  |
| 0810 | Differences between Ahmed and Baerveldt implants<br><b>Yvonne Buys</b>                               |
| 0810 | Mechanics of implants<br><b>Whole group discussion</b>   |

0820 *Ahmed vs Baerveldt*  
Why I mostly use Ahmed Glaucoma Valves  
**Robert M Schertzer**

0825 Why I switched back to Baerveldt implants  
**David Tingey**

0830 Ahmed vs Baerveldt: which one and when?  
**Whole group discussion**

### The surgical technique

0840 Video presentation Ahmed Glaucoma Valve  
**Robert M Schertzer**

0850 Video presentation Baerveldt drainage implant  
**Paul Harasymowycz**

0900 Technique  
**Whole group discussion**

### Tips and tricks

0910 Tips and tricks to avoid intra-operative and post-operative complications  
**Graham Trope**

0915 Tips and tricks  
**Whole group discussion**

0925 Break

### Wet lab

0935 You will have the opportunity to spend your wet lab portion to gain hands-on experience with the Ahmed and Baerveldt drainage devices. You may choose to spend all your time on just one of these devices, or divide your time between each of these, depending on your personal learning needs.

Although all the instructors have experience with both types of implant, currently Drs Trope, Schertzer and Buys primarily use Ahmed implants, and Drs Tingey, Harasymowycz, Rafuse and Nicolela use Baerveldt implants. They will be circulating between the workstations and can be flagged down as needed during this session.

### Discussion

1045 Throughout the wet lab portion, if questions arise that might be relevant to other course attendees, these teachable moments may be discussed openly amongst all those in attendance. Time will also be allocated after the wet lab portion for us to regroup in order to discuss what we have learned, in case there are practical points you would like to share with the group.