Combined trabeculectomy trabeculotomy technique is considered one of the most effective techniques for the management of primary congenital glaucoma.

The classic technique:

Problems:
- During such surgery finding of Schlemm’s canal can be challenging.
- I need to be very lucky to find the proper site of the canal in each time I perform the surgery.
Premature opening of the AC can occur before finding the Schlemm's canal.

Introduction of the trabeculotome in the improper place can lead to make a cyclodialysis cleft in stead of a trabeculotomy.

In my adult open angle glaucoma patient I used to do NPGS (viscocanalostomy).

I found the technique of deroofing of the Schlemm’s canal in NPGS is much more reproducible with me.
So I decided to perform this approach to find the canal in my pediatric patients.

The NPGS approach:
Advantages:

- Much more controlled and reproducible specially when you are accustomed to NPGS

- It allows good exposure the openings of Sclemm’s canal to help the introduction of the trabeculotome in the proper place

Advantages:

- Avoids the accidental premature opening of the AC before reaching the canal of Schlemm
THANK YOU

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