



Host for EGS Fellowship/Travel Grant Program

University Clinic: Dept. of Ophthalmology, University Medical Center Mainz
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Contact Person: Prof. Dr. Esther Hoffmann, Head of Glaucoma Clinic, Head of German Childhood Glaucoma center +49-6131-177085,
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Comments:

Number of Residents in Training: ca. 27
Number of Glaucoma Patients / year: 35000 out patients
Glaucoma out-patient days / week: ca. 200/week
Glaucoma surgery days / week: 5/week
Number of glaucoma surgeries / year 1000/year
Number of laser procedures / year: 1000/year

Goldmann applanation tonometry
Dynamic contour tonometry (Pascal)
Air-puff
Ocular Response Analyser
Tono-pen
Rebound tonometry
Pachymetry

IOP measurement	Comments
yes	
yes	
yes	
yes	
yes	
yes	
yes	

Indirect gonioscopy (Goldmann 3-2-1 mirror lenses)
Direct gonioscopy (Koeppel lens etc)
Dynamic gonioscopy (Zeiss, Posner, Sussmann lens)

Gonioscopy	Comments
yes	
yes	
yes	

Anterior segment OCT
UBM

Anterior segment imaging	Comments
yes	
yes	



Standard automated perimetry (SAP) Humphrey or Octopus
Goldmann perimetry
FDT
Electrophysiology

Tests of visual function	Comments
yes	
yes	
yes	
yes	

- Trabeculoplasty (Argon and SLT)
- Yag iridotomy
- Peripheral iridoplasty
- Laser suture lysis
- YAGcapsulotomy

Laser procedures	Comments
yes	
yes	
yes	
yes	
yes	

- Cataract surgery
- Complex cataract surgery
- Trabeculectomy
- Use of antimetabolites and anti-VEGF
- Aqueous shunts (non-valved and valved)
- Non-penetrating procedures
- MIGS
- Combined procedures
- Cyclodestructive procedures
- New devices / surgical methods
- Pediatric glaucoma surgery

[illegible]



Needling of failing / encysted filtering blebs
Repair of leaking blebs
Management / reformation of shallow anterior chamber
Management of hypotony and choroid detachment
Re-operation following failure of glaucoma surgery

Examination under anesthesia for congenital glaucoma
Goniotomy
Trabeculotomy
Trabeculectomy

Management of surgical Complications	Comments
yes	
yes	
yes	
yes	
yes	

Childhood glaucoma	Comments
yes	
yes	
yes	
yes	



Basic research

Clinical research

Secondary research & systematic training in critical evaluation of literature (Evidence Based Medicine)

Health services research (including health economics)

Research activities	Comments
yes	
yes	
yes	
yes	

Clinical exposure sufficient to gain experience and be able to run independently a glaucoma clinic, medical and surgical management

Knowledge on how to organize, run and continuously improve a successful and sustainable (cost-effective) care service for glaucoma patients

Participation in local, regional, national, international professional and scientific meetings

	Comments
yes	
yes	
yes	