



Host for EGS Fellowship/Travel Grant Program

University Clinic: Department of the Ophthalmology, University Hospital Centre Sestre milosrdnice, Glaucoma Referral Centre, Ministry of Health of the Republic of Croatia
 Director: Prof. Zoran Vataavuk, MD, PhD, FEBO, Head of Clinic
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 Comments:

Number of Residents in Training 14
 Number of Glaucoma Patients / year 7800-8000
 Glaucoma out-patient days / week 5
 Glaucoma surgery days / week 3-4 days
 Number of glaucoma surgeries / year 180-200
 Number of laser procedures / year 400

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

IOP measurement	Comments
+	
+	Available but rarely used
-	
-	
-	
+	
+	

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

Gonioscopy	Comments
+	
+	
+	

Anterior segment OCT
 UBM

Anterior segment imaging	Comments
+	
+	



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

Tests of visual function	Comments
+	
+	
+	
+	

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

Laser procedures	Comments
+	
+	
+	Available but rarely performed
+	
+	

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

Surgical Procedures	Comments
+	
+	
+	
+	
+	Ahmed, (Baerveldt), Paul
-	
+	
+	
+	
+	
+	



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
+	
+	
+	
+	
+	

Childhood glaucoma	Comments
+	
-	
+	
+	



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
-	
2 PhD students	<ul style="list-style-type: none">- Glaucoma biomarkers study- Glaucoma and quality of life study- Raman spectroscopy and gas chromatophy analysis of AH in glaucoma eye and other leading eye disease
+	
+	

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
+	
+	
+	