

. Extra-ocular Surgeries

A) Eyelid Surgeries (at least 30 surgeries)

| Surgeries | Available in the Second Year of Residency | Available in the Third and Fourth Year of Residency | Resident can Only Help Surgeons |
|---|---|---|---------------------------------|
| Repair of simple laceration of eyelid and conjunctiva | * | | |
| Eyelid and conjunctival laceration repair | | * | |
| Chalazion removal | * | | |
| Simple surgical ptosis | | * | |
| Surgery of congenital ptosis | | | * |
| Removal of periorbital simple tumors | | * | |
| Blepharoplasty, eyelid reconstruction | | | * |
| Tarsoraphy | | * | |
| Blepharoraphy | | | * |
| Entropion and ectropion surgery | | | * |
| Eyelid retraction surgery | | | * |
| Canthoplasty | | | * |

B) Lacrimal System Surgeries (15 surgeries)

| Surgeries | Available in the Second Year of Residency | Available in the Third and Fourth Year of Residency | Resident can Only Help Surgeons |
|-------------------------------|---|---|---------------------------------|
| Canalicular laceration repair | | * | |
| Plugging of lacrimal punctom | * | | |
| Probing | | * | |
| Silicon tube | | * | |
| Dacryocystorhinostomy (DCR) | | * | |

Ophthalmic Diseases Residency Program of the Farabi Eye Hospital - List of Surgeries

C) Orbital Surgeries (at least 10 procedures)

| Surgeries | Available in the Second Year of Residency | Available in the Third and Fourth Year of Residency | Resident can Only Help Surgeons |
|--|---|---|---------------------------------|
| Orbital fractures repair | | | * |
| Orbitotomy (to remove the tumor, foreign body, abscesses | | | * |
| etc.) | | | |
| Evisceration | * | | |
| Enucleation | | * | |
| Exenteration | | | * |
| Orbital decompression | | | * |
| Socket repair | | | * |
| Excision of conjunctival tumors with or without | | * | |
| cryotherapy | | | |
| Optic nerve decompression | | | * |

D) Strabismus Surgeries (15 procedures)

| Surgeries | Available in the Second Year of Residency | Available in the Third and Fourth Year of Residency | Resident can Only Help Surgeons |
|--|---|--|------------------------------------|
| Horizontal rectus muscle surgery | * | | - |
| Vertical rectus muscle and the inferior oblique muscle | | * | |
| surgery | | | |
| Superior oblique muscle surgery | | | * |
| Adjustable suture surgery | | | * |
| Strabismus reoperation | | | |
| Muscle transposition surgery | | | * |
| Injection of botulinum A toxin | | * | |
| Surgery for nystagmus (in large recess cases) | | | * |



I. Intraocular Surgery

A) Anterior Segment Surgery (at least 120 procedures)

| Surgeries | Available in the Second Year of Residency | Available in the Third and Fourth Year of Residency | Resident can Only Help Surgeons | | |
|---|---|---|---------------------------------|--|--|
| Extracapsular cartaract extraction | | * | | | |
| Phacoemulsification | * | | | | |
| Lensectomy | | | | | |
| Lens removal in subluxated cases | | | * | | |
| Lensectomy in traumatic cataract with corneal laceration | | * | | | |
| Laser capsulotomy | * | | | | |
| Secondary IOL implantation | | * | | | |
| Replacement intraocular lens (IOL) | | * | | | |
| Anterior vitrectomy (for vitreous extraction after cataract | | * | | | |
| surgery) | | | | | |
| Corneal Surgery | | | | | |
| Conjunctival flap | | * | | | |
| Amniotic membrane transplantation | | * | | | |
| Penetrating keratoplasty | | | * | | |
| Superficial keratectomy (SK) | | * | | | |
| DSEAK | | * | | | |
| Simple corneal laceration repair | | * | | | |
| Complex corneal laceration repair | | * | | | |
| Refractive Surgery Using Laser | | | | | |
| Surface ablation in simple myopia | | * | | | |
| LASIK in simple myopia | | * | | | |
| Collagen cross-linking | | * | | | |



Ophthalmic Diseases Residency Program of the Farabi Eye Hospital - List of Surgeries

| Other Anterior Segment Surgery | | | |
|--------------------------------|--|---|---|
| AC washing | | * | |
| Anterior vitrectomy - limbal | | * | |
| Simple pterygium surgery | | * | |
| Complex pterygium surgery | | | * |

B) Glaucoma Surgery (at least 30 surgery)

| Surgeries | Available in the Second Year of Residency | Available in the Third and Fourth Year of Residency | Resident can Only Help |
|---|---|---|------------------------|
| Filtering surgery | of Residency | real of Residency | Surgeons |
| Trabeculectomy in adults | | * | |
| Trabeculectomy in children | | | * |
| Re-trabeculectomy | | * | |
| Trabeculotomy | | | * |
| Cataract surgery after glaucoma surgery | | * | |
| Cataract surgery combined with glaucoma surgery | | * | |
| Goniotomy | | | * |
| Choroidal tap | | * | |
| Shunt placement | | | * |
| Endoscopic photocoagulation | | | |
| Non-penetrating glaucoma surgery | | | |
| Panretinal photocoagulation | * | | |
| Laser for macular edema | | | * |
| Scleral buckling | * | | |
| Core vitrectomy | | | * |
| Pars plana vitrectomy | | | * |
| Silicone oil removal | | * | |