**New Application: Ophthalmology**

401 North Michigan Avenue · Chicago, Illinois 60611 · United States · +1.312.755.7042 www.acgme-i.org

**Submission for Initial Accreditation:** This Advanced Specialty application is for programs applying for **Initial Accreditation Only** and is used in conjunction with the Accreditation Data System (ADS).

All sections of the form applicable to the program must be completed for it to be accepted for review. The information provided should describe the existing program. For items that do not apply, indicate “N/A” in the space provided. Where patient numbers are requested, provide exact numbers as requested and indicate exact dates for the data entered. If any requested information is unavailable, an explanation must be given, and it should also be indicated as unavailable in the appropriate place on the form. Once the forms are complete, number the pages sequentially in the bottom center.

The program director is responsible for the accuracy of the information supplied in this form, and must sign it. It must also be signed by the designated institutional official of the sponsoring institution, who will submit the application electronically in ADS.

Review the International Foundational Program Requirements for Graduate Medical Education and Advanced Specialty Program Requirements for Graduate Medical Education in Ophthalmology. The International Foundational, Advanced Specialty, and Institutional Requirements may be downloaded from the ACGME International website: [www.acgme-i.org](http://www.acgme-i.org).

Email questions regarding the form’s content to acgme-i@acgme-i.org.

Email questions regarding ADS to ADS@acgme.org (type the program number in the subject line).

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| Program Name: Click here to enter text. |

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**Introduction**

**Duration and Scope of Education**

* + - 1. Will the residency program include an integrated PGY-1? [ ] YES [ ] NO

If ‘YES,’ complete all sections of the application that pertain to the PGY-1.

|  |
| --- |
| * + - 1. What will be the length, in months, of the educational program?

Choose an item. |

**Institutions**

**Participating sites**

Will there be formal teaching case presentations at each participating site? [ ] YES [ ] NO

1. If ‘NO,’ will cases be brought from participating sites to the Sponsoring Institution for formal case presentations? [ ] YES [ ] NO

Explain if ‘NO’ to both questions above. (Limit 250 words)

|  |
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**Program Personnel and Resources**

**Program Director**

* + - 1. Describe how the program will ensure the program director has a term of appointment of at least three years. (Limit 250 words)

|  |
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| Click here to enter text. |

**Faculty**

1.Will faculty members possess expertise across a broad range of ophthalmic disciplines, specifically the following?

1. External disease and cornea [ ] YES [ ] NO
2. Glaucoma, cataract, and anterior segment errors [ ] YES [ ] NO
3. Neuroophthalmology [ ] YES [ ] NO
4. Oculoplastic surgery and orbital diseases [ ] YES [ ] NO
5. Ophthalmic pathology [ ] YES [ ] NO
6. Optics [ ] YES [ ] NO
7. Pediatric ophthalmology and strabismus [ ] YES [ ] NO
8. Retina, vitreous, and uvea [ ] YES [ ] NO
9. Visual physiology, and corrections of refractive [ ] YES [ ] NO

Explain any ‘NO’ responses. (Limit 250 words)

|  |
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| Click here to enter text. |

**Resources**

1. Using site numbers from ADS, indicate if the following resources will be available in the ambulatory setting. *Site #1 is the primary clinical site.*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Site #1** | **Site #2** | **Site #3** | **Site #4** | **Site #5** |
|  | Yes | No | Yes | No | Yes | No | Yes | No | Yes | No |
| Keratometry |[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]
| One fully-equipped exam room per resident |[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]
| Ophthalmic photography and fluorescein angiography |[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]
| Perimetry |[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]
| Retinal electrophysiology |[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]
| Ultrasonography |[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]  [ ]  |

Describe any additional sites not indicated above. (Limit 300 words)

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Explain if any items on the checklist will not be available at one or more participating sites. (Limit 250 words)

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1. Using the site numbers in ADS , indicate if the following resources will be available in the inpatient setting. *Site #1 is the primary clinical site.*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Site #1** | **Site #2** | **Site #3** | **Site #4** | **Site #5** |
|  | Yes | No | Yes | No | Yes | No | Yes | No | Yes | No |
| Eye exam room with a slit lamp |[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]
|  |[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]  [ ]  |

Describe any additional sites not indicated above. (Limit 250 words)

|  |
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| Click here to enter text. |

Explain if any items on the checklist will not be available at one or more participating sites. (Limit 250 words)

|  |
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1. Will residents have access to a simulated operative setting, such as a wet lab, to allow them to develop competence in basic surgical techniques? [ ] YES [ ] NO

Explain if ‘NO.’ (Limit 250 words)

|  |
| --- |
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**Resident Appointments**

**Eligibility Criteria**

1. Indicate how entering residents will complete the prerequisite broad-based clinical year.
2. Completion of an ACGME-I-, Accreditation Council for Graduate Medical Education-, or Royal College of Physicians and Surgeons of Canada-accredited transitional year program

 [ ] YES [ ] NO

1. Completion of 12 months of general surgery or internal medicine [ ] YES [ ] NO
2. Completion of a PGY-1 with oversight from a government or regulatory body [ ] YES [ ] NO
3. Through a PGY-1 integrated into the ophthalmology residency program [ ] YES [ ] NO

Explain if ‘NO’ to all of the above. (Limit 250 words)

|  |
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If the broad-based clinical year will be the responsibility of a governmental or regulatory body, answer Questions 2 and 3 below.

If the program will include an integrated PGY-1, answer Questions 4 and 5 below.

If the broad-based clinical year will be completed in an accredited program or an accredited preliminary year, skip to the Number of Residents section below.

1. Decribe the clinical experiences that will be required by the governmental or regulatory body responsible for the broad-based clinical year. (Limit 400 words)

|  |
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1. Describe how the program will ensure that an evaluation of each resident’s fundamental clinical skills is completed within six weeks of matriculation into the categorical residency. (Limit 300 words)

|  |
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1. Will the integrated PGY-1:
	1. provide a structured program based on scientific knowledge and evidence-based medicine?

 [ ] YES [ ] NO

* 1. allow residents with proper supervision to have first-contact responsibility for evaluation and management of all types and acuity levels of patients? [ ] YES [ ] NO
	2. allow residents to have responsibility for decision-making? [ ] YES [ ] NO
	3. allow residents to engage in direct patient care, including writing orders, progress notes, and relevant records? [ ] YES [ ] NO

Explain any ‘NO’ responses. (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. Will all residents entering the first year of the categorical program have opportunities to achieve the following clinical skills and competencies during the integrated PGY-1?
2. Obtaining a comprehensive medical history [ ] YES [ ] NO
3. Performing a comprehensive physical examination [ ] YES [ ] NO
4. Assessing a patient’s medical condition [ ] YES [ ] NO
5. Making appropriate use of diagnostic studies and tests [ ] YES [ ] NO
6. Integrating information to develop a differential diagnosis [ ] YES [ ] NO
7. Developing, implementing, and evaluating a treatment plan [ ] YES [ ] NO

Explain any ‘NO’ responses. (Limit 250 words)

|  |
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| Click here to enter text. |

**Number of Residents**

* + - 1. How will the program ensure there are at least two residents in each year of the program? (Limit 250 words)

|  |
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| Click here to enter text. |

**Specialty-Specific Educational Program**

**ACGME-I Competencies**

**Professionalism**

1. How will graduating residents demonstrate a commitment to fulfilling their professional responsibilities and to adhering to ethical principles?

Describe how these traits will be evaluated. (Limit 300 words)

|  |
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1. How will graduating residents demonstrate the following?
	1. Compassion, integrity, and respect for others
	2. Responsiveness to patient needs that supersedes self-interest
	3. Respect for patient privacy and autonomy
	4. Accountability to patients, society, and the profession
	5. Sensitivity and responsiveness to a diverse patient population, including to diversity in gender, age, culture, race, religion, disabilities, and sexual orientation

Provide examples of how traits will be assessed in three of the five areas listed. (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

**Patient Care and Procedural Skills**

1. How will graduating residents demonstrate the ability to provide patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health?

Describe how this will be evaluated. (Limit 300 words)

|  |
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| Click here to enter text. |

1. How will graduating residents demonstrate competence in technical and patient care responsibilities as primary surgeon, including treatment for the following?

Cataract

Cornea

Glaucoma

Glaucoma laser

Global trauma

Oculoplastic/orbit

Retina/vitreous

Strabismus

Provide examples of how competence will be assessed in five of the eight areas listed. (Limit 500 words)

|  |
| --- |
| Click here to enter text. |

* + - 1. How will graduating residents demonstrate competence in the following?
				1. Anterior segment
				2. Corrections of refractive errors
				3. Neuroophthalmology
				4. Ophthalmic pathology
				5. Optics
				6. Orbital diseases
				7. Pediatric ophthalmology
				8. Retina/uvea
				9. Visual physiology

Provide examples of how competence will be assessed in five of the eight areas listed. (Limit 500 words)

|  |
| --- |
| Click here to enter text. |

* + - 1. How will graduating residents demonstrate competence in the following?
				1. Intra-operative skills
				2. Managing systemic and ocular complications that may be associated with surgery and anesthesia
				3. Providing acute post-operative care
				4. Providing long-term post-operative care
				5. Using local anesthetics
				6. Using general anesthetics

Provide examples of how competence will be evaluated in four of the six areas listed. (Limit 400 words)

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**Medical Knowledge**

1. How will graduating residents demonstrate knowledge of established and evolving biomedical, clinical, epidemiological, and social-behavioral sciences, as well as the application of this knowledge to patient care?

Describe how knowledge will be evaluated. (Limit 400 words)

|  |
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| Click here to enter text. |

1. How will graduating residents demonstrate knowledge of basic and clinical sciences specific to ophthalmology?

Describe how knowledge will be evaluated. (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. How will graduating residents demonstrate knowledge of the following?

External disease and cornea

Glaucoma, cataract, and anterior segment

Neuroophthalmology

Oculoplastic surgery and orbital diseases

Ophthalmic pathology

Optics, visual physiology, and corrections of refractive errors

Pediatric ophthalmology and strabismus

Retina, vitreous, and uvea

Provide examples of how knowledge will be evaluated for five of the eight areas listed. (Limit 500 words)

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| Click here to enter text. |

**Practice-based Learning and Improvement**

1. How will graduating residents demonstrate their ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life-long learning?

Describe how these skills will be evaluated. (Limit 300 words)

|  |
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1. How will graduating residents demonstrate they have developed skills and habits to be able to meet the following goals?
2. Identify strengths, deficiencies, and limits in one’s knowledge and expertise
3. Identify and perform appropriate learning activities
4. Incorporate formative evaluation feedback into daily practice
5. Locate, appraise, and assimilate evidence from scientific studies related to their patients’ health problems
6. Participate in the education of patients, patients’ families, students, other residents, and other health professionals
7. Set learning and improvement goals
8. Systematically analyze clinical practice using quality improvement methods, and implement changes with the goal of practice improvement
9. Use information technology to optimize learning

Provide examples of how skill will be assessed in five of the eight areas listed. (Limit 500 words)

|  |
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**Interpersonal and Communication Skills**

1. How will graduating residents demonstrate interpersonal and communication skills that result in the effective exchange of information and collaboration with patients, their families, and other health professionals?

Describe how these skills will be evaluated. (Limit 300 words)

|  |
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| Click here to enter text. |

How will graduating residents demonstrate their ability to:

communicate effectively with patients, patients’ families, and the public, as appropriate, across a broad range of socioeconomic and cultural backgrounds;

* 1. communicate effectively with physicians, other health professionals, and health-related agencies;
	2. work effectively as a member or leader of a health care team or other professional group;
	3. act in a consultative role to other physicians and health professionals;
	4. maintain comprehensive, timely, and legible medical records, if applicable; and,
	5. provide inpatient and outpatient consultation?

Provide examples of how skill will be assessed in four of the six areas listed. (Limit 400 words)

|  |
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| Click here to enter text. |

**Systems-based Practice**

1. How will graduating residents demonstrate an awareness of and responsiveness to the larger context and system of health care, as well as the ability to call effectively on other resources in the system to provide optimal health care?

Describe how these skills will be evaluated. (Limit 300 words)

|  |
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| Click here to enter text. |

1. How will graduating residents demonstrate their ability to:

work effectively in various health care delivery settings and systems relevant to their clinical specialty;

* 1. coordinate patient care within the health care system relevant to their clinical specialty;
	2. incorporate considerations of cost awareness and risk-benefit analysis in patient and/or population-based care as appropriate;
	3. advocate for quality patient care and optimal patient care systems;
	4. work in interprofessional teams to enhance patient safety and improve patient care quality; and,
	5. participate in identifying system errors and implementing potential systems solutions?

Provide examples of how skill will be assessed in four of the six areas listed. (Limit 400 words)

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| Click here to enter text. |

**Regularly Scheduled Educational Activities**

1. Complete Appendix A., Formal Didactic Sessions by Academic Year, and attach to submission.
2. If it will include an integrated PGY-1,how will the program ensure didactic sessions during the PGY-1 are planned to enhance and correspond to the residents’ fundamental clinical skills education? (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

1. Will the following topics be covered in didactic sessions?
2. Advocacy [ ] YES [ ] NO
3. Corrections of refractive errors [ ] YES [ ] NO
4. Ethics [ ] YES [ ] NO
5. External disease and cornea [ ] YES [ ] NO
6. Glaucoma, cataract, and anterior segment [ ] YES [ ] NO
7. Neuroophthalmology [ ] YES [ ] NO
8. Oculoplastic surgery and orbital disease [ ] YES [ ] NO
9. Ophthalmic pathology [ ] YES [ ] NO
10. Optics [ ] YES [ ] NO
11. Pediatric ophthalmology and strabismus [ ] YES [ ] NO
12. Practice management [ ] YES [ ] NO
13. Retina, vitreous, and uvea [ ] YES [ ] NO
14. Socio-economics [ ] YES [ ] NO
15. Visual physiology [ ] YES [ ] NO
16. Visual rehabilitation [ ] YES [ ] NO

Explain any ‘NO’ responses. (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. How will the program ensure there is a structured and regularly scheduled series of conferences and lectures on basic and clinical sciences? (Limit 300 words)

|  |
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| Click here to enter text. |

1. How will the program ensure residents regularly attend required didactic and clinical conferences?
(Limit 300 words)

|  |
| --- |
| Click here to enter text. |

1. Will the formal didactic series:
	* + - 1. be a minimum of 360 hours? [ ] YES [ ] NO
				2. have at least 200 of these hours provided by the primary clinical site? [ ] YES [ ] NO
				3. have at least six hours per month devoted to case presentation conferences attended by several faculty members? [ ] YES [ ] NO

Explain any ‘NO’ responses. (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

**Clinical Experiences**

Complete Appendix B., Patient Population Data, and attach to submission.

If the program will include an integrated PGY-1, answer Questions 2- 5 below.

If the program will not have an integrated PGY-1, skip to Question 6.

1. Specify the duration (in months, where four weeks = one month) for each rotation or experience during the integrated PGY-1.

|  |  |
| --- | --- |
|  |  |
| Critical care | Duration |
| Emergency medicine | Duration |
| Family medicine | Duration |
| Internal medicine | Duration |
| Neurology | Duration |
| Obstetrics and gynecology | Duration |
| Ophthalmology | Duration |
| Pediatrics | Duration |
| Surgery or other surgical specialties | Duration |
| Elective experiences | Duration |

1. Will all residents have clinical experiences in ambulatory care during the integrated PGY-1?

 [ ] YES [ ] NO

If ‘YES,’ indicate the number of hours of planned ambulatory care experience: enter duration hours

Explain if ‘NO.’ (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. Will all residents entering the first year of the categorical program complete each of the rotations indicated in the table in Question 1 above? [ ] YES [ ] NO

Explain if ‘NO.’ (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. Will elective experiences during the integrated PGY-1 be determined by the educational needs of each individual resident? [ ] YES [ ] NO

Explain if ‘NO.’ (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. Will residents have opportunity to develop competence in the following?

Pre-operative ophthalmic and general medical evaluation [ ] YES [ ] NO

Assessment of indications or surgery and surgical risks and benefits [ ] YES [ ] NO

Obtaining informed consent [ ] YES [ ] NO

Intra-operative skills [ ] YES [ ] NO

Local and general anesthetic considerations [ ] YES [ ] NO

Acute post-operative care [ ] YES [ ] NO

Longer term post-operative care [ ] YES [ ] NO

Management of systemic and ocular complications that may be associated with surgery and anesthesia [ ] YES [ ] NO

Explain any ‘NO’ responses. (Limit 250 words)

|  |
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| Click here to enter text. |

1. Describe how the program will ensure residents participate in a minimum of 3,000 outpatient visits in which they perform a substantial portion of the examination. (Limit 400 words)

|  |
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1. Describe how the program will ensure that outpatient cases represent a broad range of ophthalmic diseases. (Limit 300 words)

|  |
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| Click here to enter text. |

1. Describe how the program will ensure each resident completes at least 364 total surgical procedures by the end of the program. (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

1. Will residents have at least 36 hours of experience in gross and microscopic examination of pathological specimens through conferences or study sets? [ ] YES [ ] NO
2. Will this time be in addition to their review of pathological specimens of their own patients with a pathologist who has demonstrated expertise in ophthalmic pathology? [ ] YES [ ] NO

Explain any ‘NO’ responses. (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

**The Learning and Working Environment**

**Supervision and Accountability**

1. Describe how the program will ensure faculty members provide direct supervision to residents, allowing residents to serve as their patients’ primary care practitioner, followed by resident and faculty member collaboration to determine management. (Limit 400 words)

|  |
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| Click here to enter text. |

1. Will faculty members be on site and readily available to see any patient? [ ] YES [ ] NO

Explain if ‘NO.’ (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

Appendix A. Formal Didactic Sessions by Academic Year

For each year of the residency, attach (Label: Appendix A.) a list of all scheduled didactic courses (including discussion groups, seminars and conferences, grand rounds, basic science, skills labs, and journal club) at all participating sites to which residents will rotate using the format below. If attended by residents from multiple years, list in each year but provide a full description *only the first time a site is listed*.

Number sessions **consecutively** from the first year through the final year so that the scheduled didactic sessions can be easily referenced throughout the application. **Be brief and use the outline that follows.**

Year in the program:

Number: Title:

a) Type of Format (e.g., seminar, conference, discussion groups)

b) Required or elective

c) Brief description (three or four sentences)

d) Frequency, length of session, and total number of sessions

**Example:**

|  |
| --- |
| Y-101. Introduction to Ophthalmologya) Seminarb) Required Y-1c) Survey of contemporary methods and styles of ophthalmology, including  approaches to clinical work with minority populations.d) Weekly, for 8 sessions.02. Departmental Grand Roundsa) Discussion groupsb) Required, Y-1, Y-2, Y-3; Elective Y-4c) Clinical case presentations, sponsored by each departmental division, followed by discussion and review of contemporary state of knowledge. Format includes resident presentations and discussions with additional faculty discussant.d) Twice monthly, 24 sessions |

If resident attendance will be monitored, explain how this will be accomplished and how feedback will be given regarding non-attendance. (Limit 250 words)

|  |
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| Click here to enter text. |

**Appendix B.** **Patient Population Data**

Complete and attach the following tables summarizing the total number of cases performed annually at each of the planned participating sites (Label: Appendix B.). The numbers should reflect total volume at each participating site at which residents will rotate.

Participating sites are indicated by a number, which must correspond to the number designated for that site in ADS. The primary clinical site must be designated as Site #1. If additional sites are not planned, columns can be left blank.

The data in Table 1 is for a one-year period:

|  |  |  |  |
| --- | --- | --- | --- |
| From: | Click here to enter text. | To: | Click here to enter text. |

Table 1. General Case Categories

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Category** | **Site #1** | **Site #2** | **Site #3** | **Site #4** | **Site #5** |
| Cataract – Total (S)\* | # | # | # | # | # |
| Laser Surgery – YAG Capsulotomy (S) | # | # | # | # | # |
| Laser Surgery – Laser Trabeculoplasty (S) | # | # | # | # | # |
| Laser Surgery – Laser Iridotomy (S) | # | # | # | # | # |
| Laser Surgery – Panretinal Laser Photocoagulation (S) | # | # | # | # | # |
| Corneal Surgery – Keratoplasty (S+A)\*\* | # | # | # | # | # |
| Corneal Surgery – Pterygium/Conjunctival and other cornea (S) | # | # | # | # | # |
| Keratorefractive Surgery – Total (S+A) | # | # | # | # | # |
| Strabismus – Total (S) | # | # | # | # | # |
| Glaucoma – Filtering/Shunting Procedures (S) | # | # | # | # | # |
| Retinal Vitreous – Total (S+A) | # | # | # | # | # |
| Intravitreal Injection (S) | # | # | # | # | # |
| Oculoplastic and orbit – Total (S) | # | # | # | # | # |
| Oculoplastic and orbit – Eyelid Laceration (S) | # | # | # | # | # |
| Oculoplastic and orbit – Chalazia Excision (S)  | # | # | # | # | # |
| Oculoplastic and orbit –Ptosis/Blepharoplasty (S) | # | # | # | # | # |
| Globe Trauma – Total (S) | # | # | # | # | # |

\*S = Surgeon procedures only

\*\*S+A = Surgeon and Assistant procedures

Required minimum numbers of procedures per graduating resident are listed in the table below:

|  |  |
| --- | --- |
| **Category** | **Minimums** |
| Cataract – Total (S)\* | 86 |
| Laser Surgery – YAG Capsulotomy (S) | 5 |
| Laser Surgery – Laser Trabeculoplasty (S) | 5 |
| Laser Surgery – Laser Iridotomy (S) | 4 |
| Laser Surgery – Panretinal Laser Photocoagulation (S) | 10 |
| Corneal Surgery – Keratoplasty (S+A)\*\* | 5 |
| Corneal Surgery – Pterygium/Conjunctival and other cornea (S) | 3 |
| Keratorefractive Surgery – Total (S+A) | 6 |
| Strabismus – Total (S) | 10 |
| Glaucoma – Filtering/Shunting Procedures (S) | 5 |
| Retinal Vitreous – Total (S+A) | 10 |
| Intravitreal Injection (S) | 10 |
| Oculoplastic and orbit – Total (S) | 28 |
| Oculoplastic and orbit – Eyelid Laceration (S) | 3 |
| Oculoplastic and orbit – Chalazia Excision (S)  | 3 |
| Oculoplastic and orbit –Ptosis/Blepharoplasty (S) | 3 |
| Globe Trauma – Total (S) | 4 |