



**Accreditation Council for
Graduate Medical Education**

**ACGME Program Requirements for
Graduate Medical Education
in Otolaryngology**

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ACGME Program Requirements for Graduate Medical Education in Otolaryngology

Common Program Requirements are in BOLD

Introduction

Int.A. Residency is an essential dimension of the transformation of the medical student to the independent practitioner along the continuum of medical education. It is physically, emotionally, and intellectually demanding, and requires longitudinally-concentrated effort on the part of the resident.

The specialty education of physicians to practice independently is experiential, and necessarily occurs within the context of the health care delivery system. Developing the skills, knowledge, and attitudes leading to proficiency in all the domains of clinical competency requires the resident physician to assume personal responsibility for the care of individual patients. For the resident, the essential learning activity is interaction with patients under the guidance and supervision of faculty members who give value, context, and meaning to those interactions. As residents gain experience and demonstrate growth in their ability to care for patients, they assume roles that permit them to exercise those skills with greater independence. This concept—graded and progressive responsibility—is one of the core tenets of American graduate medical education. Supervision in the setting of graduate medical education has the goals of assuring the provision of safe and effective care to the individual patient; assuring each resident’s development of the skills, knowledge, and attitudes required to enter the unsupervised practice of medicine; and establishing a foundation for continued professional growth.

Int.B. Otolaryngologists provide comprehensive medical and surgical care to patients with diseases and disorders that affect the ears, the respiratory and upper alimentary systems, and related structures of the head and neck.

Int.C. The educational program in otolaryngology must be 60 months in length. (Core)*

I. Institutions

I.A. Sponsoring Institution

One sponsoring institution must assume ultimate responsibility for the program, as described in the Institutional Requirements, and this responsibility extends to resident assignments at all participating sites. (Core)*

The sponsoring institution and the program must ensure that the program director has sufficient protected time and financial support for his or her educational and administrative responsibilities to the program. (Core)

I.A.1. The sponsoring institution must provide salary support or equivalent protected time for the program director as follows: (Core)

- I.A.1.a) a minimum of 10 percent for programs with an approved complement of five or fewer residents; ^(Detail)
- I.A.1.b) a minimum of 15 percent for programs with an approved complement of six to 15 residents; and, ^(Detail)
- I.A.1.c) a minimum of 20 percent for programs with an approved complement of 16 or more residents. ^(Detail)
- I.A.2. The sponsoring institution must provide salary support for a residency coordinator dedicated to the educational and administrative needs of the program. ^(Core)

I.B. Participating Sites

- I.B.1. There must be a program letter of agreement (PLA) between the program and each participating site providing a required assignment. The PLA must be renewed at least every five years. ^(Detail)**

The PLA should:

- I.B.1.a) identify the faculty who will assume both educational and supervisory responsibilities for residents; ^(Detail)**
- I.B.1.b) specify their responsibilities for teaching, supervision, and formal evaluation of residents, as specified later in this document; ^(Detail)**
- I.B.1.c) specify the duration and content of the educational experience; and, ^(Detail)**
- I.B.1.d) state the policies and procedures that will govern resident education during the assignment. ^(Detail)**
- I.B.2. The program director must submit any additions or deletions of participating sites routinely providing an educational experience, required for all residents, of one month full time equivalent (FTE) or more through the Accreditation Council for Graduate Medical Education (ACGME) Accreditation Data System (ADS). ^(Core)**
- I.B.3. International Rotations
 - I.B.3.a) International rotations must be approved by the program director. ^(Core)
 - I.B.3.b) The total time spent in international rotations should be no more than one month over the five-year program. ^(Detail)
 - I.B.3.c) All institutional policies and procedures that govern the program at

the sponsoring institution must continue to be in effect for residents during an international rotation. ^(Core)

I.B.3.d) Surgical procedures completed during an international rotation must not be counted toward meeting the required minima of procedures. ^(Core)

II. Program Personnel and Resources

II.A. Program Director

II.A.1. **There must be a single program director with authority and accountability for the operation of the program. The sponsoring institution's GMEC must approve a change in program director.** ^(Core)

II.A.1.a) **The program director must submit this change to the ACGME via the ADS.** ^(Core)

II.A.2. **The program director should continue in his or her position for a length of time adequate to maintain continuity of leadership and program stability.** ^(Detail)

II.A.3. **Qualifications of the program director must include:**

II.A.3.a) **requisite specialty expertise and documented educational and administrative experience acceptable to the Review Committee;** ^(Core)

II.A.3.b) **current certification in the specialty by the American Board of Otolaryngology (ABOto), or specialty qualifications that are acceptable to the Review Committee;** ^(Core)

II.A.3.b).(1) **The Review Committee accepts only ABOto certification.** ^(Core)

II.A.3.c) **current medical licensure and appropriate medical staff appointment; and,** ^(Core)

II.A.3.d) **evidence of periodic updates of knowledge and skills to discharge the roles and responsibilities for teaching, supervision, and formal evaluation of residents.** ^(Detail)

II.A.4. **The program director must administer and maintain an educational environment conducive to educating the residents in each of the ACGME competency areas.** ^(Core)

The program director must:

II.A.4.a) **oversee and ensure the quality of didactic and clinical education in all sites that participate in the program;** ^(Core)

- II.A.4.b)** approve a local director at each participating site who is accountable for resident education; ^(Core)
- II.A.4.b).(1) The director at each participating site must have major clinical responsibilities at that site. ^(Core)
- II.A.4.c)** approve the selection of program faculty as appropriate; ^(Core)
- II.A.4.d)** evaluate program faculty; ^(Core)
- II.A.4.e)** approve the continued participation of program faculty based on evaluation; ^(Core)
- II.A.4.f)** monitor resident supervision at all participating sites; ^(Core)
- II.A.4.g)** prepare and submit all information required and requested by the ACGME. ^(Core)
- II.A.4.g).(1) This includes but is not limited to the program information forms and annual program resident updates to the ADS, and ensure that the information submitted is accurate and complete. ^(Core)
- II.A.4.h)** ensure compliance with grievance and due process procedures as set forth in the Institutional Requirements and implemented by the sponsoring institution; ^(Detail)
- II.A.4.i)** provide verification of residency education for all residents, including those who leave the program prior to completion; ^(Detail)
- II.A.4.j)** implement policies and procedures consistent with the institutional and program requirements for resident duty hours and the working environment, including moonlighting, ^(Core)
- and, to that end, must:
- II.A.4.j).(1) distribute these policies and procedures to the residents and faculty; ^(Detail)
- II.A.4.j).(2) monitor resident duty hours, according to sponsoring institutional policies, with a frequency sufficient to ensure compliance with ACGME requirements; ^(Core)
- II.A.4.j).(3) adjust schedules as necessary to mitigate excessive service demands and/or fatigue; and, ^(Detail)
- II.A.4.j).(4) if applicable, monitor the demands of at-home call and adjust schedules as necessary to mitigate excessive service demands and/or fatigue. ^(Detail)

- II.A.4.k) monitor the need for and ensure the provision of back up support systems when patient care responsibilities are unusually difficult or prolonged; ^(Detail)
- II.A.4.l) comply with the sponsoring institution's written policies and procedures, including those specified in the Institutional Requirements, for selection, evaluation and promotion of residents, disciplinary action, and supervision of residents; ^(Detail)
- II.A.4.m) be familiar with and comply with ACGME and Review Committee policies and procedures as outlined in the ACGME Manual of Policies and Procedures; ^(Detail)
- II.A.4.n) obtain review and approval of the sponsoring institution's GMEC/DIO before submitting to the ACGME information or requests to the ACGME, including: ^(Core)
 - II.A.4.n).(1) all applications for ACGME accreditation of new programs; ^(Detail)
 - II.A.4.n).(2) changes in resident complement; ^(Detail)
 - II.A.4.n).(3) major changes in program structure or length of training; ^(Detail)
 - II.A.4.n).(4) progress reports requested by the Review Committee; ^(Detail)
 - II.A.4.n).(5) responses to all proposed adverse actions; ^(Detail)
 - II.A.4.n).(6) requests for increases or any change to resident duty hours; ^(Detail)
 - II.A.4.n).(7) voluntary withdrawals of ACGME-accredited programs; ^(Detail)
 - II.A.4.n).(8) requests for appeal of an adverse action; ^(Detail)
 - II.A.4.n).(9) appeal presentations to a Board of Appeal or the ACGME; and, ^(Detail)
 - II.A.4.n).(10) proposals to ACGME for approval of innovative educational approaches. ^(Detail)
- II.A.4.o) obtain DIO review and co-signature on all program information forms, as well as any correspondence or document submitted to the ACGME that addresses: ^(Detail)
 - II.A.4.o).(1) program citations, and/or ^(Detail)

- II.A.4.o).(2)** request for changes in the program that would have significant impact, including financial, on the program or institution. ^(Detail)
- II.A.4.p)** prepare and implement a supervision policy that specifies resident and faculty member lines of responsibility. ^(Core)
- II.B. Faculty**
- II.B.1.** At each participating site, there must be a sufficient number of faculty with documented qualifications to instruct and supervise all residents at that location. ^(Core)
- The faculty must:
- II.B.1.a)** devote sufficient time to the educational program to fulfill their supervisory and teaching responsibilities; and to demonstrate a strong interest in the education of residents, and ^(Core)
- II.B.1.b)** administer and maintain an educational environment conducive to educating residents in each of the ACGME competency areas. ^(Core)
- II.B.2.** The physician faculty must have current certification in the specialty by the American Board of Otolaryngology, or possess qualifications judged acceptable to the Review Committee. ^(Core)
- II.B.2.a)** In addition to the program director, there should be at least two other FTE faculty members with qualifications to include: ^(Detail)
- II.B.2.a).(1)** specialty expertise and documented educational and administrative experience acceptable to the Review Committee; and, ^(Detail)
- II.B.2.a).(2)** appropriate medical staff appointment. ^(Detail)
- II.B.3.** The physician faculty must possess current medical licensure and appropriate medical staff appointment. ^(Core)
- II.B.4.** The nonphysician faculty must have appropriate qualifications in their field and hold appropriate institutional appointments. ^(Core)
- II.B.5.** The faculty must establish and maintain an environment of inquiry and scholarship with an active research component. ^(Core)
- II.B.5.a)** The faculty must regularly participate in organized clinical discussions, rounds, journal clubs, and conferences. ^(Detail)
- II.B.5.b)** Some members of the faculty should also demonstrate

scholarship by one or more of the following:

- II.B.5.b).(1)** peer-reviewed funding; ^(Detail)
- II.B.5.b).(2)** publication of original research or review articles in peer-reviewed journals, or chapters in textbooks; ^(Detail)
- II.B.5.b).(3)** publication or presentation of case reports or clinical series at local, regional, or national professional and scientific society meetings; or, ^(Detail)
- II.B.5.b).(4)** participation in national committees or educational organizations. ^(Detail)
- II.B.5.c)** Faculty should encourage and support residents in scholarly activities. ^(Core)

II.C. Other Program Personnel

The institution and the program must jointly ensure the availability of all necessary professional, technical, and clerical personnel for the effective administration of the program. ^(Core)

- II.C.1.** This should include speech pathologists, audiologists, and/or balance therapists necessary for carrying out audiologic and vestibular testing and rehabilitation. ^(Detail)

II.D. Resources

The institution and the program must jointly ensure the availability of adequate resources for resident education, as defined in the specialty program requirements. ^(Core)

- II.D.1.** There must be space and equipment for the educational program, including 24-hour computer access with Internet, classrooms with audiovisual and other educational aids, meeting rooms, and office space for residents. ^(Detail)
- II.D.2.** There must be current information technology readily available for clinical care. ^(Detail)
- II.D.3.** Each participating site must provide beds and operating time sufficient for the needs of the service and for resident education. ^(Core)
- II.D.4.** There must be a variety of adult and pediatric medical and surgical patients available to allow development of resident competency in patient care. ^(Core)
- II.D.5.** Residents must have access to outpatient facilities that provide clinics and office space for education in the regular pre-operative evaluation and postoperative follow-up of cases for which each resident has

responsibility. ^(Core)

II.D.6. Technologically-current equipment considered necessary for diagnosis and treatment must be available. ^(Core)

II.D.7. There should be clinical services in the related fields of anesthesiology, emergency medicine, internal medicine, neurological surgery, neurology, ophthalmology, pathology, pediatrics, and radiology. ^(Detail)

II.E. Medical Information Access

Residents must have ready access to specialty-specific and other appropriate reference material in print or electronic format. Electronic medical literature databases with search capabilities should be available. ^(Detail)

III. Resident Appointments

III.A. Eligibility Criteria

The program director must comply with the criteria for resident eligibility as specified in the Institutional Requirements. ^(Core)

III.B. Number of Residents

The program's educational resources must be adequate to support the number of residents appointed to the program. ^(Core)

III.B.1. **The program director may not appoint more residents than approved by the Review Committee, unless otherwise stated in the specialty-specific requirements.** ^(Core)

III.B.2. If a vacancy in a program's resident complement is filled, it should be filled at the same level in which it occurs. Exceptions must be approved by the Review Committee. ^(Detail)

III.C. Resident Transfers

III.C.1. **Before accepting a resident who is transferring from another program, the program director must obtain written or electronic verification of previous educational experiences and a summative competency-based performance evaluation of the transferring resident.** ^(Detail)

III.C.2. **A program director must provide timely verification of residency education and summative performance evaluations for residents who leave the program prior to completion.** ^(Detail)

III.D. Appointment of Fellows and Other Learners

The presence of other learners (including, but not limited to, residents from

other specialties, subspecialty fellows, PhD students, and nurse practitioners) in the program must not interfere with the appointed residents' education. ^(Core)

III.D.1. The program director must report the presence of other learners to the DIO and GMEC in accordance with sponsoring institution guidelines. ^(Detail)

IV. Educational Program

IV.A. The curriculum must contain the following educational components:

IV.A.1. Overall educational goals for the program, which the program must distribute to residents and faculty annually; ^(Core)

IV.A.2. Competency-based goals and objectives for each assignment at each educational level, which the program must distribute to residents and faculty annually, in either written or electronic form; ^(Core)

IV.A.3. Regularly scheduled didactic sessions; ^(Core)

IV.A.3.a) The didactic curriculum must include cyclical presentation of core specialty knowledge supplemented by the addition of breakthrough information. ^(Core)

IV.A.3.b) Educational conferences must include grand rounds, quality improvement conferences, morbidity and mortality conferences, and tumor conferences. ^(Core)

IV.A.3.b).(1) Faculty members must participate in the preparation and presentation of educational conferences. ^(Core)

IV.A.3.b).(2) Residents must attend educational conferences. ^(Core)

IV.A.3.b).(2).(a) Each resident should attend at least 75 percent of the scheduled and held educational conferences. ^(Detail)

IV.A.3.b).(2).(b) Educational conferences must be evaluated. ^(Detail)

IV.A.3.b).(3) Didactic topics must include: basic sciences as relevant to the head and neck and upper-aerodigestive system; allergy and immunology; anatomy; biochemistry; cell biology; the communication sciences, including audiology, speech and language pathology, and the voice sciences, as they related to laryngology; embryology; genetics; microbiology; pathology; pharmacology; physiology; rhinology; and the chemical senses, endocrinology, and neurology, as they relate to the head and neck. ^(Detail)

- IV.A.3.b).(3).(a) Anatomy should include the study and dissection of anatomic specimens, including the temporal bone, and procedural skills laboratories, along with appropriate lectures and other formal sessions. (Detail)
- IV.A.3.b).(3).(b) Pathology should include formal instruction in correlative pathology, including gross and microscopic pathology relating to the head and neck. (Detail)
- IV.A.3.b).(3).(b).(i) Residents should study and discuss with the pathology service tissues removed at operations and autopsy material. (Detail)
- IV.A.4. Delineation of resident responsibilities for patient care, progressive responsibility for patient management, and supervision of residents over the continuum of the program; and, (Core)**
- IV.A.5. ACGME Competencies**
- The program must integrate the following ACGME competencies into the curriculum: (Core)**
- IV.A.5.a) Patient Care and Procedural Skills**
- IV.A.5.a).(1) Residents must be able to provide patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health. (Outcome)**
- IV.A.5.a).(2) Residents must be able to competently perform all medical, diagnostic, and surgical procedures considered essential for the area of practice. Residents: (Outcome)**
- IV.A.5.a).(2).(a) must demonstrate proficiency in data gathering and interpretation in areas including: (Outcome)
- IV.A.5.a).(2).(a).(i) allergy testing; (Outcome)
- IV.A.5.a).(2).(a).(ii) audiology testing; (Outcome)
- IV.A.5.a).(2).(a).(iii) clinical history and exam; (Outcome)
- IV.A.5.a).(2).(a).(iv) facial analysis; (Outcome)
- IV.A.5.a).(2).(a).(v) histopathology studies; (Outcome)
- IV.A.5.a).(2).(a).(vi) imaging studies of the head and neck; (Outcome)

IV.A.5.a).(2).(a).(vii)	laboratory testing; ^(Outcome)
IV.A.5.a).(2).(a).(viii)	sleep studies; ^(Outcome)
IV.A.5.a).(2).(a).(ix)	smell and taste testing; and, ^(Outcome)
IV.A.5.a).(2).(a).(x)	vestibular testing. ^(Outcome)
IV.A.5.a).(2).(b)	must demonstrate proficiency in formulating differential diagnoses of conditions affecting the head and neck; ^(Outcome)
IV.A.5.a).(2).(c)	must demonstrate proficiency in surgical (including peri-operative) and non-surgical management and treatment of conditions affecting the head and neck, including: ^(Outcome)
IV.A.5.a).(2).(c).(i)	aerodigestive foreign body obstruction; ^(Outcome)
IV.A.5.a).(2).(c).(ii)	allergic and immunologic disorders; ^(Outcome)
IV.A.5.a).(2).(c).(iii)	chemoreceptive disorders; ^(Outcome)
IV.A.5.a).(2).(c).(iv)	voice, speech, and swallowing disorders; ^(Outcome)
IV.A.5.a).(2).(c).(v)	disorders related to the geriatric population; ^(Outcome)
IV.A.5.a).(2).(c).(vi)	endocrine disorders related to the thyroid and parathyroid; ^(Outcome)
IV.A.5.a).(2).(c).(vii)	facial plastic and reconstructive disorders; ^(Outcome)
IV.A.5.a).(2).(c).(viii)	idiopathic disorders; ^(Outcome)
IV.A.5.a).(2).(c).(ix)	infectious and inflammatory disorders; ^(Outcome)
IV.A.5.a).(2).(c).(x)	metabolic disorders; ^(Outcome)
IV.A.5.a).(2).(c).(xi)	neoplastic disorders; ^(Outcome)
IV.A.5.a).(2).(c).(xii)	neurologic disorders related to the head and neck; ^(Outcome)
IV.A.5.a).(2).(c).(xiii)	pain; ^(Outcome)

IV.A.5.a).(2).(c).(xiv)	pediatric and congenital disorders; ^(Outcome)
IV.A.5.a).(2).(c).(xv)	sleep disorders; ^(Outcome)
IV.A.5.a).(2).(c).(xvi)	traumatic disorders; ^(Outcome)
IV.A.5.a).(2).(c).(xvii)	vascular disorders; and, ^(Outcome)
IV.A.5.a).(2).(c).(xviii)	vestibular and hearing disorders. ^(Outcome)
IV.A.5.a).(2).(d)	should demonstrate competency in performing otolaryngologic procedures, including: ^(Outcome)
IV.A.5.a).(2).(d).(i)	airway management; ^(Outcome)
IV.A.5.a).(2).(d).(ii)	computer-assisted navigation; ^(Outcome)
IV.A.5.a).(2).(d).(iii)	endoscopy of the upper aerodigestive tract; ^(Outcome)
IV.A.5.a).(2).(d).(iv)	laser usage; ^(Outcome)
IV.A.5.a).(2).(d).(v)	local and regional anesthesia; ^(Outcome)
IV.A.5.a).(2).(d).(vi)	resuscitation; ^(Outcome)
IV.A.5.a).(2).(d).(vii)	stroboscopy; and, ^(Outcome)
IV.A.5.a).(2).(d).(viii)	universal precautions. ^(Outcome)

IV.A.5.b)

Medical Knowledge

Residents must demonstrate knowledge of established and evolving biomedical, clinical, epidemiological and social-behavioral sciences, as well as the application of this knowledge to patient care. Residents: ^(Outcome)

IV.A.5.b).(1)	must demonstrate knowledge appropriate for unsupervised practice of otolaryngology as defined by the ABOto curriculum; and, ^(Outcome)
IV.A.5.b).(2)	must demonstrate knowledge of anatomy through procedural skills demonstrated in cadaver dissection, temporal bone lab, and/or surgical simulator labs. ^(Outcome)

IV.A.5.c)

Practice-based Learning and Improvement

Residents must demonstrate the 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.

(Outcome)

Residents are expected to develop skills and habits to be able to meet the following goals:

- IV.A.5.c).(1) **identify strengths, deficiencies, and limits in one's knowledge and expertise;** ^(Outcome)
- IV.A.5.c).(2) **set learning and improvement goals;** ^(Outcome)
- IV.A.5.c).(3) **identify and perform appropriate learning activities;** ^(Outcome)
- IV.A.5.c).(4) **systematically analyze practice using quality improvement methods, and implement changes with the goal of practice improvement;** ^(Outcome)
- IV.A.5.c).(5) **incorporate formative evaluation feedback into daily practice;** ^(Outcome)
- IV.A.5.c).(6) **locate, appraise, and assimilate evidence from scientific studies related to their patients' health problems;** ^(Outcome)
- IV.A.5.c).(7) **use information technology to optimize learning; and,** ^(Outcome)
- IV.A.5.c).(8) **participate in the education of patients, families, students, residents and other health professionals.** ^(Outcome)

IV.A.5.d)

Interpersonal and Communication Skills

Residents must demonstrate interpersonal and communication skills that result in the effective exchange of information and collaboration with patients, their families, and health professionals. ^(Outcome)

Residents are expected to:

- IV.A.5.d).(1) **communicate effectively with patients, families, and the public, as appropriate, across a broad range of socioeconomic and cultural backgrounds;** ^(Outcome)
- IV.A.5.d).(2) **communicate effectively with physicians, other health professionals, and health related agencies;** ^(Outcome)
- IV.A.5.d).(3) **work effectively as a member or leader of a health care team or other professional group;** ^(Outcome)
- IV.A.5.d).(4) **act in a consultative role to other physicians and**

health professionals; ^(Outcome)

IV.A.5.d).(5) **maintain comprehensive, timely, and legible medical records, if applicable; and,** ^(Outcome)

IV.A.5.d).(6) **develop and present educational materials to the public.** ^(Outcome)

IV.A.5.e) Professionalism

Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. ^(Outcome)

Residents are expected to demonstrate:

IV.A.5.e).(1) **compassion, integrity, and respect for others;** ^(Outcome)

IV.A.5.e).(2) **responsiveness to patient needs that supersedes self-interest;** ^(Outcome)

IV.A.5.e).(3) **respect for patient privacy and autonomy;** ^(Outcome)

IV.A.5.e).(4) **accountability to patients, society and the profession; and,** ^(Outcome)

IV.A.5.e).(5) **sensitivity and responsiveness to a diverse patient population, including but not limited to diversity in gender, age, culture, race, religion, disabilities, and sexual orientation.** ^(Outcome)

IV.A.5.f) Systems-based Practice

Residents must 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. ^(Outcome)

Residents are expected to:

IV.A.5.f).(1) **work effectively in various health care delivery settings and systems relevant to their clinical specialty;** ^(Outcome)

IV.A.5.f).(2) **coordinate patient care within the health care system relevant to their clinical specialty;** ^(Outcome)

IV.A.5.f).(3) **incorporate considerations of cost awareness and risk-benefit analysis in patient and/or population-based care as appropriate;** ^(Outcome)

IV.A.5.f).(4) **advocate for quality patient care and optimal patient care systems;** ^(Outcome)

IV.A.5.f).(5) **work in interprofessional teams to enhance patient safety and improve patient care quality; and,** ^(Outcome)

IV.A.5.f).(6) **participate in identifying system errors and implementing potential systems solutions.** ^(Outcome)

IV.A.6. Curriculum Organization and Resident Experiences

IV.A.6.a) PGY-1 residents must participate in clinical and didactic activities in which they: ^(Core)

IV.A.6.a).(1) assess, plan, and initiate treatment of adult and pediatric patients with surgical and/or medical problems; ^(Core)

IV.A.6.a).(2) care for patients of all ages with surgical and medical emergencies, multiple organ system trauma, soft tissue wounds, nervous system injuries and diseases, and peripheral vascular and thoracic injuries; ^(Core)

IV.A.6.a).(3) care for critically-ill surgical and medical patients in the intensive care unit and emergency room settings; ^(Core)

IV.A.6.a).(4) participate in the pre-, intra-, and post-operative care of surgical patients; and, ^(Core)

IV.A.6.a).(5) participate in surgical anesthesia in hospital and ambulatory care settings, including evaluation of anesthetic risks and the management of intra-operative anesthetic complications. ^(Core)

IV.A.6.b) The PG-1 year must include:

IV.A.6.b).(1) a minimum of five months of structured education in at least three of the following: general surgery, pediatric surgery, plastic surgery, surgical oncology, thoracic surgery, transplantation surgery, and vascular surgery; and, ^(Core)

IV.A.6.b).(2) a minimum of four months of structured education to include one month in each of the following four clinical areas: anesthesiology, critical care unit (intensive care unit, trauma unit, or similar), emergency medicine, and neurological surgery. ^(Core)

IV.A.6.c) The PG-2-5 years must include 48 months of progressive education in otolaryngology and clinical services. ^(Core)

- IV.A.6.d) The final year of education must be a chief resident experience and must be spent within sites approved as part of the program. ^(Core)
- IV.A.6.e) Resident Supervision and Patient Care Experiences
- IV.A.6.e).(1) Residents must have experience with state-of-the-art advances and emerging technology in otolaryngology. ^(Detail)
- IV.A.6.e).(2) Residents must perform a sufficient number, variety, and complexity of surgical procedures to ensure education in the entire scope of the specialty. ^(Core)
- IV.A.6.e).(2).(a) Residents must have essentially equivalent distributions of case categories and procedures. ^(Core)
- IV.A.6.e).(3) Residents' must have a broad range of experience in otolaryngology through outpatient care. ^(Core)
- This must include:
- IV.A.6.e).(3).(a) exposure to clinical aspects of diagnosis, medical and/or surgical therapy, and prevention of and rehabilitation from diseases, neoplasms, deformities, disorders, and/or injuries of the ears, upper respiratory and upper alimentary systems, face, jaws, and other head and neck systems; to head and neck oncology; and to facial plastic and reconstructive surgery; ^(Core)
- IV.A.6.e).(3).(b) evaluating patients, establishing provisional diagnoses, and initiating preliminary treatment plans; and, ^(Core)
- IV.A.6.e).(3).(c) providing follow-up care and evaluating the results of surgical care. ^(Core)
- IV.A.6.e).(4) Residents should have experience in the management of office practice. ^(Detail)
- IV.A.6.e).(5) Residents must have experience in the emergency care of critically-ill and injured patients with otolaryngologic conditions. ^(Core)
- IV.A.6.e).(6) Each resident must have patient care responsibility commensurate with his or her knowledge, problem-solving ability, manual skills, and experience, as well as with the severity and complexity of each patient's status. ^(Core)
- IV.A.6.e).(6).(a) This must include experience as assistant surgeon

and resident supervisor. ^(Core)

IV.A.6.e).(6).(b) All levels of surgical intervention must be recorded in the ACGME Case Log System. ^(Core)

IV.B. Residents' Scholarly Activities

IV.B.1. **The curriculum must advance residents' knowledge of the basic principles of research, including how research is conducted, evaluated, explained to patients, and applied to patient care.** ^(Core)

IV.B.2. **Residents should participate in scholarly activity.** ^(Core)

IV.B.2.a) The educational program must provide at least three months of a structured research experience for residents. ^(Core)

IV.B.2.a).(1) The research experience must include instruction in research methods and design, as well as outcome assessment. ^(Core)

IV.B.2.a).(2) The research experience should result in a completed manuscript suitable for publication in a peer-reviewed journal. ^(Outcome)

IV.B.3. The sponsoring institution and program should allocate adequate educational resources to facilitate resident involvement in scholarly activities. ^(Detail)

V. Evaluation

V.A. Resident Evaluation

V.A.1. **The program director must appoint the Clinical Competency Committee.** ^(Core)

V.A.1.a) **At a minimum the Clinical Competency Committee must be composed of three members of the program faculty.** ^(Core)

V.A.1.a).(1) **Others eligible for appointment to the committee include faculty from other programs and non-physician members of the health care team.** ^(Detail)

V.A.1.b) **There must be a written description of the responsibilities of the Clinical Competency Committee.** ^(Core)

V.A.1.b).(1) **The Clinical Competency Committee should:**

V.A.1.b).(1).(a) **review all resident evaluations semi-annually;** ^(Core)

- V.A.1.b).(1).(b) prepare and assure the reporting of Milestones evaluations of each resident semi-annually to ACGME; and, ^(Core)
- V.A.1.b).(1).(c) advise the program director regarding resident progress, including promotion, remediation, and dismissal. ^(Detail)
- V.A.2. **Formative Evaluation**
- V.A.2.a) The faculty must evaluate resident performance in a timely manner during each rotation or similar educational assignment, and document this evaluation at completion of the assignment. ^(Core)
- V.A.2.b) The program must:
- V.A.2.b).(1) provide objective assessments of competence in patient care, medical knowledge, practice-based learning and improvement, interpersonal and communication skills, professionalism, and systems-based practice on the specialty-specific Milestones; ^(Core)
- V.A.2.b).(2) use multiple evaluators (e.g., faculty, peers, patients, self, and other professional staff); ^(Detail)
- V.A.2.b).(3) document progressive resident performance improvement appropriate to educational level; and, ^(Core)
- V.A.2.b).(4) provide each resident with documented semiannual evaluation of performance with feedback. ^(Core)
- V.A.2.c) The evaluations of resident performance must be accessible for review by the resident, in accordance with institutional policy. ^(Detail)
- V.A.2.d) The faculty must meet annually to provide collective evaluation of each resident, including surgical competency, and must provide an annual summative report for each resident. ^(Core)
- V.A.2.e) The program director must meet with each resident in person to review his or her cumulative operative experience at least semiannually to ensure balanced progress towards achieving experience with a variety and complexity of surgical procedures. ^(Core)
- V.A.2.f) Residents must participate in existing national examinations. ^(Core)
- V.A.2.f).(1) Use of the annual Otolaryngology Training Examination is

strongly suggested.

V.A.2.f).(2)

An analysis of the results of these testing programs must be limited to guiding the faculty in assessing the strengths and weaknesses of the program and individual residents.
(Core)

V.A.3. Summative Evaluation

V.A.3.a)

The specialty-specific Milestones must be used as one of the tools to ensure residents are able to practice core professional activities without supervision upon completion of the program. (Core)

V.A.3.b)

The program director must provide a summative evaluation for each resident upon completion of the program. (Core)

This evaluation must:

V.A.3.b).(1)

become part of the resident's permanent record maintained by the institution, and must be accessible for review by the resident in accordance with institutional policy; (Detail)

V.A.3.b).(2)

document the resident's performance during the final period of education; and, (Detail)

V.A.3.b).(3)

verify that the resident has demonstrated sufficient competence to enter practice without direct supervision. (Detail)

V.B. Faculty Evaluation

V.B.1.

At least annually, the program must evaluate faculty performance as it relates to the educational program. (Core)

V.B.2.

These evaluations should include a review of the faculty's clinical teaching abilities, commitment to the educational program, clinical knowledge, professionalism, and scholarly activities. (Detail)

V.B.3.

This evaluation must include at least annual written confidential evaluations by the residents. (Detail)

V.C. Program Evaluation and Improvement

V.C.1.

The program director must appoint the Program Evaluation Committee (PEC). (Core)

V.C.1.a)

The Program Evaluation Committee:

V.C.1.a).(1)

must be composed of at least two program faculty

- members and should include at least one resident;**
(Core)
- V.C.1.a).(2)** must have a written description of its responsibilities;
and, (Core)
- V.C.1.a).(3)** should participate actively in:
- V.C.1.a).(3).(a)** planning, developing, implementing, and
evaluating educational activities of the
program; (Detail)
- V.C.1.a).(3).(b)** reviewing and making recommendations for
revision of competency-based curriculum goals
and objectives; (Detail)
- V.C.1.a).(3).(c)** addressing areas of non-compliance with
ACGME standards; and, (Detail)
- V.C.1.a).(3).(d)** reviewing the program annually using
evaluations of faculty, residents, and others, as
specified below. (Detail)
- V.C.2.** The program, through the PEC, must document formal, systematic
evaluation of the curriculum at least annually, and is responsible for
rendering a written and Annual Program Evaluation (APE). (Core)
- The program must monitor and track each of the following areas:
- V.C.2.a)** resident performance; (Core)
- V.C.2.b)** faculty development; (Core)
- V.C.2.c)** graduate performance, including performance of program
graduates on the certification examination; (Core)
- V.C.2.c).(1)** 75 percent of the program's eligible graduates from the
preceding five years taking the ABOto certifying
examination for the first time must pass. (Outcome)
- V.C.2.d)** program quality; and, (Core)
- V.C.2.d).(1)** Residents and faculty must have the opportunity to
evaluate the program confidentially and in writing at
least annually, and (Detail)
- V.C.2.d).(2)** The program must use the results of residents' and
faculty members' assessments of the program
together with other program evaluation results to
improve the program. (Detail)

- V.C.2.e) progress on the previous year's action plan(s). ^(Core)
- V.C.3. The PEC must prepare a written plan of action to document initiatives to improve performance in the areas listed in section V.C.2., as well as delineate how they will be measured and monitored. ^(Core)
- V.C.3.a) The action plan should be reviewed and approved by the teaching faculty and documented in meeting minutes. ^(Detail)

VI. Resident Duty Hours in the Learning and Working Environment

VI.A. Professionalism, Personal Responsibility, and Patient Safety

- VI.A.1. Programs and sponsoring institutions must educate residents and faculty members concerning the professional responsibilities of physicians to appear for duty appropriately rested and fit to provide the services required by their patients. ^(Core)
- VI.A.2. The program must be committed to and responsible for promoting patient safety and resident well-being in a supportive educational environment. ^(Core)
- VI.A.3. The program director must ensure that residents are integrated and actively participate in interdisciplinary clinical quality improvement and patient safety programs. ^(Core)
- VI.A.4. The learning objectives of the program must:
 - VI.A.4.a) be accomplished through an appropriate blend of supervised patient care responsibilities, clinical teaching, and didactic educational events; and, ^(Core)
 - VI.A.4.b) not be compromised by excessive reliance on residents to fulfill non-physician service obligations. ^(Core)
- VI.A.5. The program director and institution must ensure a culture of professionalism that supports patient safety and personal responsibility. ^(Core)
- VI.A.6. Residents and faculty members must demonstrate an understanding and acceptance of their personal role in the following:
 - VI.A.6.a) assurance of the safety and welfare of patients entrusted to their care; ^(Outcome)
 - VI.A.6.b) provision of patient- and family-centered care; ^(Outcome)
 - VI.A.6.c) assurance of their fitness for duty; ^(Outcome)
 - VI.A.6.d) management of their time before, during, and after clinical

- assignments;^(Outcome)
- VI.A.6.e) recognition of impairment, including illness and fatigue, in themselves and in their peers;^(Outcome)
- VI.A.6.f) attention to lifelong learning;^(Outcome)
- VI.A.6.g) the monitoring of their patient care performance improvement indicators; and,^(Outcome)
- VI.A.6.h) honest and accurate reporting of duty hours, patient outcomes, and clinical experience data.^(Outcome)
- VI.A.7. All residents and faculty members must demonstrate responsiveness to patient needs that supersedes self-interest. Physicians must recognize that under certain circumstances, the best interests of the patient may be served by transitioning that patient's care to another qualified and rested provider.^(Outcome)
- VI.B. Transitions of Care
- VI.B.1. Programs must design clinical assignments to minimize the number of transitions in patient care.^(Core)
- VI.B.2. Sponsoring institutions and programs must ensure and monitor effective, structured hand-over processes to facilitate both continuity of care and patient safety.^(Core)
- VI.B.3. Programs must ensure that residents are competent in communicating with team members in the hand-over process.^(Outcome)
- VI.B.4. The sponsoring institution must ensure the availability of schedules that inform all members of the health care team of attending physicians and residents currently responsible for each patient's care.^(Detail)
- VI.C. Alertness Management/Fatigue Mitigation
- VI.C.1. The program must:
- VI.C.1.a) educate all faculty members and residents to recognize the signs of fatigue and sleep deprivation;^(Core)
- VI.C.1.b) educate all faculty members and residents in alertness management and fatigue mitigation processes; and,^(Core)
- VI.C.1.c) adopt fatigue mitigation processes to manage the potential negative effects of fatigue on patient care and learning, such as naps or back-up call schedules.^(Detail)

- VI.C.2.** Each program must have a process to ensure continuity of patient care in the event that a resident may be unable to perform his/her patient care duties. ^(Core)
- VI.C.3.** The sponsoring institution must provide adequate sleep facilities and/or safe transportation options for residents who may be too fatigued to safely return home. ^(Core)
- VI.D. Supervision of Residents**
- VI.D.1.** In the clinical learning environment, each patient must have an identifiable, appropriately-credentialed and privileged attending physician (or licensed independent practitioner as approved by each Review Committee) who is ultimately responsible for that patient's care. ^(Core)
- VI.D.1.a)** This information should be available to residents, faculty members, and patients. ^(Detail)
- VI.D.1.b)** Residents and faculty members should inform patients of their respective roles in each patient's care. ^(Detail)
- VI.D.2.** The program must demonstrate that the appropriate level of supervision is in place for all residents who care for patients. ^(Core)
- Supervision may be exercised through a variety of methods. Some activities require the physical presence of the supervising faculty member. For many aspects of patient care, the supervising physician may be a more advanced resident or fellow. Other portions of care provided by the resident can be adequately supervised by the immediate availability of the supervising faculty member or resident physician, either in the institution, or by means of telephonic and/or electronic modalities. In some circumstances, supervision may include post-hoc review of resident-delivered care with feedback as to the appropriateness of that care. ^(Detail)
- VI.D.3. Levels of Supervision**
- To ensure oversight of resident supervision and graded authority and responsibility, the program must use the following classification of supervision: ^(Core)
- VI.D.3.a)** Direct Supervision – the supervising physician is physically present with the resident and patient. ^(Core)
- VI.D.3.b)** Indirect Supervision:
- VI.D.3.b).(1)** with direct supervision immediately available – the supervising physician is physically within the hospital or other site of patient care, and is immediately available to provide Direct Supervision. ^(Core)

- VI.D.3.b).(2)** with direct supervision available – the supervising physician is not physically present within the hospital or other site of patient care, but is immediately available by means of telephonic and/or electronic modalities, and is available to provide Direct Supervision. ^(Core)
- VI.D.3.c)** Oversight – the supervising physician is available to provide review of procedures/encounters with feedback provided after care is delivered. ^(Core)
- VI.D.4.** The privilege of progressive authority and responsibility, conditional independence, and a supervisory role in patient care delegated to each resident must be assigned by the program director and faculty members. ^(Core)
- VI.D.4.a)** The program director must evaluate each resident’s abilities based on specific criteria. When available, evaluation should be guided by specific national standards-based criteria. ^(Core)
- VI.D.4.b)** Faculty members functioning as supervising physicians should delegate portions of care to residents, based on the needs of the patient and the skills of the residents. ^(Detail)
- VI.D.4.c)** Senior residents or fellows should serve in a supervisory role of junior residents in recognition of their progress toward independence, based on the needs of each patient and the skills of the individual resident or fellow. ^(Detail)
- VI.D.5.** Programs must set guidelines for circumstances and events in which residents must communicate with appropriate supervising faculty members, such as the transfer of a patient to an intensive care unit, or end-of-life decisions. ^(Core)
- VI.D.5.a)** Each resident must know the limits of his/her scope of authority, and the circumstances under which he/she is permitted to act with conditional independence. ^(Outcome)
- VI.D.5.a).(1)** In particular, PGY-1 residents should be supervised either directly or indirectly with direct supervision immediately available. ^(Core)
- VI.D.5.a).(2)** Each program must define those physician tasks for which PGY-1 residents may be supervised indirectly with direct supervision available, and must define “direct supervision” in the context of the individual program. ^(Core)
- VI.D.5.a).(3)** Each program must define those physician tasks for which PGY-1 residents must be supervised directly until they have demonstrated competence as defined by the

program director, and must maintain records of such demonstrations of competence. ^(Core)

VI.D.6. Faculty supervision assignments should be of sufficient duration to assess the knowledge and skills of each resident and delegate to him/her the appropriate level of patient care authority and responsibility. ^(Detail)

VI.E. Clinical Responsibilities

The clinical responsibilities for each resident must be based on PGY-level, patient safety, resident education, severity and complexity of patient illness/condition and available support services. ^(Core)

VI.E.1. The workload associated with optimal clinical care of surgical patients is a continuum from the moment of admission to the point of discharge. ^(Detail)

VI.E.2. During the residency education process, surgical teams should be made up of attending surgeons, residents at various PGY levels, medical students (when appropriate), and other health care providers. ^(Detail)

VI.E.3. The work of the caregiver team should be assigned to team members based on each resident's level of education, experience, and competence. ^(Detail)

VI.F. Teamwork

Residents must care for patients in an environment that maximizes effective communication. This must include the opportunity to work as a member of effective interprofessional teams that are appropriate to the delivery of care in the specialty. ^(Core)

VI.F.1. Effective surgical practices entail the involvement of members with a mix of complementary skills and attributes (physicians, nurses, and other staff members). Success requires both an unwavering mutual respect for those skills and contributions, and a shared commitment to the process of patient care. ^(Detail)

VI.F.2. Residents must collaborate with fellow surgical residents, and especially with faculty members, other physicians outside of their specialty, and non-traditional health care providers, to best formulate treatment plans for an increasingly diverse patient population. ^(Detail)

VI.F.3. Residents must assume personal responsibility to complete all tasks to which they are assigned (or which they voluntarily assume) in a timely fashion. These tasks must be completed in the hours assigned, or, if that is not possible, residents must learn and utilize the established methods for handing off remaining tasks to another member of the resident team so that patient care is not compromised. ^(Detail)

VI.F.4. Lines of authority should be defined by programs, and all residents must

have a working knowledge of these expected reporting relationships to maximize quality care and patient safety. ^(Detail)

VI.G. Resident Duty Hours

VI.G.1. Maximum Hours of Work per Week

Duty hours must be limited to 80 hours per week, averaged over a four-week period, inclusive of all in-house call activities and all moonlighting. ^(Core)

VI.G.1.a) Duty Hour Exceptions

A Review Committee may grant exceptions for up to 10% or a maximum of 88 hours to individual programs based on a sound educational rationale. ^(Detail)

The Review Committee for Otolaryngology will not consider requests for exceptions to the 80-hour limit to the residents' work week.

VI.G.1.a).(1) In preparing a request for an exception the program director must follow the duty hour exception policy from the ACGME Manual on Policies and Procedures. ^(Detail)

VI.G.1.a).(2) Prior to submitting the request to the Review Committee, the program director must obtain approval of the institution's GMEC and DIO. ^(Detail)

VI.G.2. Moonlighting

VI.G.2.a) Moonlighting must not interfere with the ability of the resident to achieve the goals and objectives of the educational program. ^(Core)

VI.G.2.b) Time spent by residents in Internal and External Moonlighting (as defined in the ACGME Glossary of Terms) must be counted towards the 80-hour Maximum Weekly Hour Limit. ^(Core)

VI.G.2.c) PGY-1 residents are not permitted to moonlight. ^(Core)

VI.G.3. Mandatory Time Free of Duty

Residents must be scheduled for a minimum of one day free of duty every week (when averaged over four weeks). At-home call cannot be assigned on these free days. ^(Core)

VI.G.4. Maximum Duty Period Length

- VI.G.4.a)** **Duty periods of PGY-1 residents must not exceed 16 hours in duration.** ^(Core)
- VI.G.4.b)** **Duty periods of PGY-2 residents and above may be scheduled to a maximum of 24 hours of continuous duty in the hospital.** ^(Core)
- VI.G.4.b).(1)** **Programs must encourage residents to use alertness management strategies in the context of patient care responsibilities. Strategic napping, especially after 16 hours of continuous duty and between the hours of 10:00 p.m. and 8:00 a.m., is strongly suggested.** ^(Detail)
- VI.G.4.b).(2)** **It is essential for patient safety and resident education that effective transitions in care occur. Residents may be allowed to remain on-site in order to accomplish these tasks; however, this period of time must be no longer than an additional four hours.** ^(Core)
- VI.G.4.b).(3)** **Residents must not be assigned additional clinical responsibilities after 24 hours of continuous in-house duty.** ^(Core)
- VI.G.4.b).(4)** **In unusual circumstances, residents, on their own initiative, may remain beyond their scheduled period of duty to continue to provide care to a single patient. Justifications for such extensions of duty are limited to reasons of required continuity for a severely ill or unstable patient, academic importance of the events transpiring, or humanistic attention to the needs of a patient or family.** ^(Detail)
- VI.G.4.b).(4).(a)** **Under those circumstances, the resident must:**
- VI.G.4.b).(4).(a).(i)** **appropriately hand over the care of all other patients to the team responsible for their continuing care; and,** ^(Detail)
- VI.G.4.b).(4).(a).(ii)** **document the reasons for remaining to care for the patient in question and submit that documentation in every circumstance to the program director.** ^(Detail)
- VI.G.4.b).(4).(b)** **The program director must review each submission of additional service, and track both individual resident and program-wide episodes of additional duty.** ^(Detail)
- VI.G.5. Minimum Time Off between Scheduled Duty Periods**

- VI.G.5.a)** PGY-1 residents should have 10 hours, and must have eight hours, free of duty between scheduled duty periods. ^(Core)
- VI.G.5.b)** Intermediate-level residents should have 10 hours free of duty, and must have eight hours between scheduled duty periods. They must have at least 14 hours free of duty after 24 hours of in-house duty. ^(Core)
- PGY-2 and PGY-3 residents are considered to be at the intermediate level.
- VI.G.5.c)** Residents in the final years of education must be prepared to enter the unsupervised practice of medicine and care for patients over irregular or extended periods. ^(Outcome)
- PGY-4 and PGY-5 residents are considered to be in the final years of education.
- VI.G.5.c).(1)** This preparation must occur within the context of the 80-hour, maximum duty period length, and one-day-off-in-seven standards. While it is desirable that residents in their final years of education have eight hours free of duty between scheduled duty periods, there may be circumstances when these residents must stay on duty to care for their patients or return to the hospital with fewer than eight hours free of duty. ^(Detail)
- VI.G.5.c).(1).(a)** Circumstances of return-to-hospital activities with fewer than eight hours away from the hospital by residents in their final years of education must be monitored by the program director. ^(Detail)
- VI.G.5.c).(1).(b)** The Review Committee defines such circumstances as: required continuity of care for a severely ill or unstable patient, or a complex patient with whom the resident has been involved; events of exceptional educational value; or, humanistic attention to the needs of a patient or family. ^(Detail)
- VI.G.6.** **Maximum Frequency of In-House Night Float**
- Residents must not be scheduled for more than six consecutive nights of night float.** ^(Core)
- VI.G.6.a)** Night float rotations cannot exceed two consecutive months in duration, and residents can have no more than three months of night float assignments per year. ^(Core)
- VI.G.6.b)** There must be at least two months between each night float

rotation. ^(Core)

VI.G.7. Maximum In-House On-Call Frequency

PGY-2 residents and above must be scheduled for in-house call no more frequently than every-third-night (when averaged over a four-week period). ^(Core)

VI.G.8. At-Home Call

VI.G.8.a) Time spent in the hospital by residents on at-home call must count towards the 80-hour maximum weekly hour limit. The frequency of at-home call is not subject to the every-third-night limitation, but must satisfy the requirement for one-day-in-seven free of duty, when averaged over four weeks. ^(Core)

VI.G.8.a).(1) At-home call must not be so frequent or taxing as to preclude rest or reasonable personal time for each resident. ^(Core)

VI.G.8.b) Residents are permitted to return to the hospital while on at-home call to care for new or established patients. Each episode of this type of care, while it must be included in the 80-hour weekly maximum, will not initiate a new “off-duty period”. ^(Detail)

***Core Requirements:** Statements that define structure, resource, or process elements essential to every graduate medical educational program.

Detail Requirements: Statements that describe a specific structure, resource, or process, for achieving compliance with a Core Requirement. Programs in substantial compliance with the Outcome Requirements may utilize alternative or innovative approaches to meet Core Requirements.

Outcome Requirements: Statements that specify expected measurable or observable attributes (knowledge, abilities, skills, or attitudes) of residents or fellows at key stages of their graduate medical education.