

**ACGME Program Requirements for
Graduate Medical Education
in Pediatric Hospital Medicine
(Subspecialty of Pediatrics)**

Proposed new requirements; posted for review and comment February 25, 2019

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1 **Proposed ACGME Program Requirements for Graduate Medical Education**
2 **in Pediatric Hospital Medicine**

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4 **Common Program Requirements (Fellowship) are in BOLD**

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6 Where applicable, text in italics describes the underlying philosophy of the requirements in that
7 section. These philosophic statements are not program requirements and are therefore not
8 citable.
9

Background and Intent: These fellowship requirements reflect the fact that these learners have already completed the first phase of graduate medical education. Thus, the Common Program Requirements (Fellowship) are intended to explain the differences.

10
11 **Introduction**

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13 **Int.A.** *Fellowship is advanced graduate medical education beyond a core*
14 *residency program for physicians who desire to enter more specialized*
15 *practice. Fellowship-trained physicians serve the public by providing*
16 *subspecialty care, which may also include core medical care, acting as a*
17 *community resource for expertise in their field, creating and integrating*
18 *new knowledge into practice, and educating future generations of*
19 *physicians. Graduate medical education values the strength that a diverse*
20 *group of physicians brings to medical care.*

21
22 *Fellows who have completed residency are able to practice independently*
23 *in their core specialty. The prior medical experience and expertise of*
24 *fellows distinguish them from physicians entering into residency training.*
25 *The fellow's care of patients within the subspecialty is undertaken with*
26 *appropriate faculty supervision and conditional independence. Faculty*
27 *members serve as role models of excellence, compassion,*
28 *professionalism, and scholarship. The fellow develops deep medical*
29 *knowledge, patient care skills, and expertise applicable to their focused*
30 *area of practice. Fellowship is an intensive program of subspecialty clinical*
31 *and didactic education that focuses on the multidisciplinary care of*
32 *patients. Fellowship education is often physically, emotionally, and*
33 *intellectually demanding, and occurs in a variety of clinical learning*
34 *environments committed to graduate medical education and the well-being*
35 *of patients, residents, fellows, faculty members, students, and all members*
36 *of the health care team.*

37
38 *In addition to clinical education, many fellowship programs advance*
39 *fellows' skills as physician-scientists. While the ability to create new*
40 *knowledge within medicine is not exclusive to fellowship-educated*
41 *physicians, the fellowship experience expands a physician's abilities to*
42 *pursue hypothesis-driven scientific inquiry that results in contributions to*
43 *the medical literature and patient care. Beyond the clinical subspecialty*
44 *expertise achieved, fellows develop mentored relationships built on an*
45 *infrastructure that promotes collaborative research.*

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47 **Int.B.** **Definition of Subspecialty**

48 Pediatric hospital medicine delivers comprehensive medical care to hospitalized
49 children. In addition to core expertise managing the clinical problems of acutely
50 ill, hospitalized patients, pediatric hospitalists work to enhance the performance
51 of hospitals and health care systems through teaching, scholarly activity,
52 quality/process improvement, efficient health care resource utilization, and
53 leadership.
54

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56 **Int.C. Length of Educational Program**

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58 The educational program must be 24 months in length. ^(Core)
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60 **I. Oversight**

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62 **I.A. Sponsoring Institution**

63
64 *The Sponsoring Institution is the organization or entity that assumes the*
65 *ultimate financial and academic responsibility for a program of graduate*
66 *medical education consistent with the ACGME Institutional Requirements.*
67

68 *When the Sponsoring Institution is not a rotation site for the program, the*
69 *most commonly utilized site of clinical activity for the program is the*
70 *primary clinical site.*
71

Background and Intent: Participating sites will reflect the health care needs of the community and the educational needs of the fellows. A wide variety of organizations may provide a robust educational experience and, thus, Sponsoring Institutions and participating sites may encompass inpatient and outpatient settings including, but not limited to a university, a medical school, a teaching hospital, a nursing home, a school of public health, a health department, a public health agency, an organized health care delivery system, a medical examiner's office, an educational consortium, a teaching health center, a physician group practice, federally qualified health center, or an educational foundation.

72
73 **I.A.1. The program must be sponsored by one ACGME-accredited**
74 **Sponsoring Institution.** ^{(Core)*}
75

76 **I.B. Participating Sites**

77
78 *A participating site is an organization providing educational experiences or*
79 *educational assignments/rotations for fellows.*
80

81 **I.B.1. The program, with approval of its Sponsoring Institution, must**
82 **designate a primary clinical site.** ^(Core)
83

84 **I.B.1.a)** An accredited pediatric hospital medicine program must be an
85 integral part of a core pediatric residency program, and should be
86 sponsored by the same ACGME-accredited Sponsoring
87 Institution. ^(Core)
88

- 89 **I.B.2.** There must be a program letter of agreement (PLA) between the
 90 program and each participating site that governs the relationship
 91 between the program and the participating site providing a required
 92 assignment. ^(Core)
 93
- 94 **I.B.2.a)** The PLA must:
- 95
- 96 **I.B.2.a).(1)** be renewed at least every 10 years; and, ^(Core)
 97
- 98 **I.B.2.a).(2)** be approved by the designated institutional official
 99 (DIO). ^(Core)
 100
- 101 **I.B.3.** The program must monitor the clinical learning and working
 102 environment at all participating sites. ^(Core)
 103
- 104 **I.B.3.a)** At each participating site there must be one faculty member,
 105 designated by the program director, who is accountable for
 106 fellow education for that site, in collaboration with the
 107 program director. ^(Core)
 108

Background and Intent: While all fellowship programs must be sponsored by a single ACGME-accredited Sponsoring Institution, many programs will utilize other clinical settings to provide required or elective training experiences. At times it is appropriate to utilize community sites that are not owned by or affiliated with the Sponsoring Institution. Some of these sites may be remote for geographic, transportation, or communication issues. When utilizing such sites, the program must designate a faculty member responsible for ensuring the quality of the educational experience. In some circumstances, the person charged with this responsibility may not be physically present at the site, but remains responsible for fellow education occurring at the site. The requirements under I.B.3. are intended to ensure that this will be the case.

Suggested elements to be considered in PLAs will be found in the ACGME Program Director's Guide to the Common Program Requirements. These include:

- Identifying the faculty members who will assume educational and supervisory responsibility for fellows
- Specifying the responsibilities for teaching, supervision, and formal evaluation of fellows
- Specifying the duration and content of the educational experience
- Stating the policies and procedures that will govern fellow education during the assignment

- 109
- 110 **I.B.4.** The program director must submit any additions or deletions of
 111 participating sites routinely providing an educational experience,
 112 required for all fellows, of one month full time equivalent (FTE) or
 113 more through the ACGME's Accreditation Data System (ADS). ^(Core)
 114
- 115 **I.C.** The program, in partnership with its Sponsoring Institution, must engage in
 116 practices that focus on mission-driven, ongoing, systematic recruitment
 117 and retention of a diverse and inclusive workforce of residents (if present),

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119
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fellows, faculty members, senior administrative staff members, and other relevant members of its academic community. *(Core)*

Background and Intent: It is expected that the Sponsoring Institution has, and programs implement, policies and procedures related to recruitment and retention of minorities underrepresented in medicine and medical leadership in accordance with the Sponsoring Institution’s mission and aims. The program’s annual evaluation must include an assessment of the program’s efforts to recruit and retain a diverse workforce, as noted in V.C.1.c).(5).(c).

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I.D. Resources

I.D.1. The program, in partnership with its Sponsoring Institution, must ensure the availability of adequate resources for fellow education. *(Core)*

I.D.1.a) There must be an acute care hospital with dedicated general pediatric inpatient service. *(Core)*

I.D.1.b) Facilities and services, including a comprehensive laboratory, pathology, and imaging, must be available. *(Core)*

I.D.2. The program, in partnership with its Sponsoring Institution, must ensure healthy and safe learning and working environments that promote fellow well-being and provide for: *(Core)*

I.D.2.a) access to food while on duty; *(Core)*

I.D.2.b) safe, quiet, clean, and private sleep/rest facilities available and accessible for fellows with proximity appropriate for safe patient care; *(Core)*

Background and Intent: Care of patients within a hospital or health system occurs continually through the day and night. Such care requires that fellows function at their peak abilities, which requires the work environment to provide them with the ability to meet their basic needs within proximity of their clinical responsibilities. Access to food and rest are examples of these basic needs, which must be met while fellows are working. Fellows should have access to refrigeration where food may be stored. Food should be available when fellows are required to be in the hospital overnight. Rest facilities are necessary, even when overnight call is not required, to accommodate the fatigued fellow.

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I.D.2.c) clean and private facilities for lactation that have refrigeration capabilities, with proximity appropriate for safe patient care; *(Core)*

Background and Intent: Sites must provide private and clean locations where fellows may lactate and store the milk within a refrigerator. These locations should be in close proximity to clinical responsibilities. It would be helpful to have additional support within these locations that may assist the fellow with the continued care of patients,

such as a computer and a phone. While space is important, the time required for lactation is also critical for the well-being of the fellow and the fellow's family, as outlined in VI.C.1.d).(1).

- 149
150 **I.D.2.d)** security and safety measures appropriate to the participating
151 site; and, ^(Core)
152
153 **I.D.2.e)** accommodations for fellows with disabilities consistent with
154 the Sponsoring Institution's policy. ^(Core)
155
156 **I.D.3.** Fellows must have ready access to subspecialty-specific and other
157 appropriate reference material in print or electronic format. This
158 must include access to electronic medical literature databases with
159 full text capabilities. ^(Core)
160
161 **I.D.4.** The program's educational and clinical resources must be adequate
162 to support the number of fellows appointed to the program. ^(Core)
163
164 **I.D.4.a)** An adequate number and variety of pediatric hospital medicine
165 patients ranging in age from newborn through young adulthood
166 must be available to provide a broad experience for the fellows.
167 ^(Core)
168
169 **I.E.** *A fellowship program usually occurs in the context of many learners and
170 other care providers and limited clinical resources. It should be structured
171 to optimize education for all learners present.*
172
173 **I.E.1.** Fellows should contribute to the education of residents in core
174 programs, if present. ^(Core)
175

Background and Intent: The clinical learning environment has become increasingly complex and often includes care providers, students, and post-graduate residents and fellows from multiple disciplines. The presence of these practitioners and their learners enriches the learning environment. Programs have a responsibility to monitor the learning environment to ensure that fellows' education is not compromised by the presence of other providers and learners, and that fellows' education does not compromise core residents' education.

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177 **II. Personnel**
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179 **II.A. Program Director**
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181 **II.A.1.** There must be one faculty member appointed as program director
182 with authority and accountability for the overall program, including
183 compliance with all applicable program requirements. ^(Core)
184
185 **II.A.1.a)** The Sponsoring Institution's Graduate Medical Education
186 Committee (GMEC) must approve a change in program
187 director. ^(Core)
188

189 **II.A.1.b) Final approval of the program director resides with the**
 190 **Review Committee.** (Core)
 191

Background and Intent: While the ACGME recognizes the value of input from numerous individuals in the management of a fellowship, a single individual must be designated as program director and made responsible for the program. This individual will have dedicated time for the leadership of the fellowship, and it is this individual's responsibility to communicate with the fellows, faculty members, DIO, GMEC, and the ACGME. The program director's nomination is reviewed and approved by the GMEC. Final approval of program directors resides with the Review Committee.

192
 193 **II.A.2. The program director must be provided with support adequate for**
 194 **administration of the program based upon its size and configuration.**
 195 (Core)
 196

197 **II.A.2.a)** Program leadership, including the program director and associate
 198 program director(s), must be provided with a minimum combined
 199 total of 20-35 percent FTE protected time for the administration of
 200 the program (not including scholarly activity), depending on the
 201 size of the program, as follows: (Core)
 202

Program Size	% FTE Required
0-3 fellows	20%
4-6 fellows	25%
7-9 fellows	30%
≥ 10 fellows	35%

203 **Subspecialty Background and Intent:** The minimum total of 20-35 percent protected time for the administration of the program is the combined time required for the program director, and associate program director(s); it does not include time devoted to the program by the fellowship coordinator or other support personnel. Individual members of the program leadership are not required to have 20-35 percent protected time each. Time provided by research grant funding does not count toward the minimum required protected time for the administration of the program.

204
 205 **II.A.3. Qualifications of the program director:**

206
 207 **II.A.3.a) must include subspecialty expertise and qualifications**
 208 **acceptable to the Review Committee; and,** (Core)
 209

210 **II.A.3.b) must include current certification in the subspecialty for**
 211 **which they are the program director by the American Board**
 212 **of Pediatrics, or subspecialty qualifications that are**
 213 **acceptable to the Review Committee.** (Core)
 214

215 [Note that while the Common Program Requirements deem
 216 certification by a certifying board of the American Osteopathic
 217 Association (AOA) acceptable, there is no AOA board that offers
 218 certification in this subspecialty]

Subspecialty Background and Intent: Prior to 2024, the program director must hold current certification by the American Board of Pediatrics (ABP), and is expected to take the pediatric hospital medicine certifying examination by 2023.

Effective 2024, the program director is expected to hold current subspecialty certification in pediatric hospital medicine. Qualifications other than pediatric hospital medicine certification by the ABP will be considered only in exceptional circumstances. For a program director who has not achieved pediatric hospital medicine certification from the ABP, the Review Committee will consider the following criteria in determining whether alternate qualifications are acceptable:

- completion of a pediatric hospital medicine fellowship program
- scholarship within the field of pediatric hospital medicine; specifically, evidence of on-going scholarship documented by contributions to the peer-reviewed literature in pediatric hospital medicine, and pediatric hospital medicine presentations at national meetings
- leadership and/or participation on committees in national pediatric subspecialty organizations
- current clinical activity in pediatric hospital medicine

Years of practice are not an equivalent to specialty board certification, and the Review Committee does not accept the phrase "board eligible."

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II.A.3.c) must include a record of ongoing involvement in scholarly activities. ^(Core)

II.A.4. Program Director Responsibilities

The program director must have responsibility, authority, and accountability for: administration and operations; teaching and scholarly activity; fellow recruitment and selection, evaluation, and promotion of fellows, and disciplinary action; supervision of fellows; and fellow education in the context of patient care. ^(Core)

II.A.4.a) The program director must:

II.A.4.a).(1) be a role model of professionalism; ^(Core)

Background and Intent: The program director, as the leader of the program, must serve as a role model to fellows in addition to fulfilling the technical aspects of the role. As fellows are expected to demonstrate compassion, integrity, and respect for others, they must be able to look to the program director as an exemplar. It is of utmost importance, therefore, that the program director model outstanding professionalism, high quality patient care, educational excellence, and a scholarly approach to work. The program director creates an environment where respectful discussion is welcome, with the goal of continued improvement of the educational experience.

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II.A.4.a).(2) design and conduct the program in a fashion consistent with the needs of the community, the

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mission(s) of the Sponsoring Institution, and the mission(s) of the program; ^(Core)

Background and Intent: The mission of institutions participating in graduate medical education is to improve the health of the public. Each community has health needs that vary based upon location and demographics. Programs must understand the social determinants of health of the populations they serve and incorporate them in the design and implementation of the program curriculum, with the ultimate goal of addressing these needs and health disparities.

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II.A.4.a).(3) administer and maintain a learning environment conducive to educating the fellows in each of the ACGME Competency domains; ^(Core)

Background and Intent: The program director may establish a leadership team to assist in the accomplishment of program goals. Fellowship programs can be highly complex. In a complex organization the leader typically has the ability to delegate authority to others, yet remains accountable. The leadership team may include physician and non-physician personnel with varying levels of education, training, and experience.

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II.A.4.a).(4) develop and oversee a process to evaluate candidates prior to approval as program faculty members for participation in the fellowship program education and at least annually thereafter, as outlined in V.B.; ^(Core)

II.A.4.a).(5) have the authority to approve program faculty members for participation in the fellowship program education at all sites; ^(Core)

II.A.4.a).(6) have the authority to remove program faculty members from participation in the fellowship program education at all sites; ^(Core)

II.A.4.a).(7) have the authority to remove fellows from supervising interactions and/or learning environments that do not meet the standards of the program; ^(Core)

Background and Intent: The program director has the responsibility to ensure that all who educate fellows effectively role model the Core Competencies. Working with a fellow is a privilege that is earned through effective teaching and professional role modeling. This privilege may be removed by the program director when the standards of the clinical learning environment are not met.

There may be faculty in a department who are not part of the educational program, and the program director controls who is teaching the residents.

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II.A.4.a).(8) submit accurate and complete information required and requested by the DIO, GMEC, and ACGME; ^(Core)

- 269 **II.A.4.a).(9)** provide applicants who are offered an interview with
 270 information related to the applicant’s eligibility for the
 271 relevant subspecialty board examination(s); ^(Core)
 272
- 273 **II.A.4.a).(10)** provide a learning and working environment in which
 274 fellows have the opportunity to raise concerns and
 275 provide feedback in a confidential manner as
 276 appropriate, without fear of intimidation or retaliation;
 277 ^(Core)
 278
- 279 **II.A.4.a).(11)** ensure the program’s compliance with the Sponsoring
 280 Institution’s policies and procedures related to
 281 grievances and due process; ^(Core)
 282
- 283 **II.A.4.a).(12)** ensure the program’s compliance with the Sponsoring
 284 Institution’s policies and procedures for due process
 285 when action is taken to suspend or dismiss, not to
 286 promote, or not to renew the appointment of a fellow;
 287 ^(Core)
 288

Background and Intent: A program does not operate independently of its Sponsoring Institution. It is expected that the program director will be aware of the Sponsoring Institution’s policies and procedures, and will ensure they are followed by the program’s leadership, faculty members, support personnel, and fellows.

- 289
- 290 **II.A.4.a).(13)** ensure the program’s compliance with the Sponsoring
 291 Institution’s policies and procedures on employment
 292 and non-discrimination; ^(Core)
 293
- 294 **II.A.4.a).(13).(a)** **Fellows must not be required to sign a non-**
 295 **competition guarantee or restrictive covenant.**
 296 ^(Core)
 297
- 298 **II.A.4.a).(14)** document verification of program completion for all
 299 graduating fellows within 30 days; ^(Core)
 300
- 301 **II.A.4.a).(15)** provide verification of an individual fellow’s
 302 completion upon the fellow’s request, within 30 days;
 303 and, ^(Core)
 304

Background and Intent: Primary verification of graduate medical education is important to credentialing of physicians for further training and practice. Such verification must be accurate and timely. Sponsoring Institution and program policies for record retention are important to facilitate timely documentation of fellows who have previously completed the program. Fellows who leave the program prior to completion also require timely documentation of their summative evaluation.

- 305
- 306 **II.A.4.a).(16)** obtain review and approval of the Sponsoring
 307 Institution’s DIO before submitting information or
 308 requests to the ACGME, as required in the Institutional
 309 Requirements and outlined in the ACGME Program

Director's Guide to the Common Program Requirements. ^(Core)

II.B. Faculty

Faculty members are a foundational element of graduate medical education – faculty members teach fellows how to care for patients. Faculty members provide an important bridge allowing fellows to grow and become practice ready, ensuring that patients receive the highest quality of care. They are role models for future generations of physicians by demonstrating compassion, commitment to excellence in teaching and patient care, professionalism, and a dedication to lifelong learning. Faculty members experience the pride and joy of fostering the growth and development of future colleagues. The care they provide is enhanced by the opportunity to teach. By employing a scholarly approach to patient care, faculty members, through the graduate medical education system, improve the health of the individual and the population.

Faculty members ensure that patients receive the level of care expected from a specialist in the field. They recognize and respond to the needs of the patients, fellows, community, and institution. Faculty members provide appropriate levels of supervision to promote patient safety. Faculty members create an effective learning environment by acting in a professional manner and attending to the well-being of the fellows and themselves.

Background and Intent: “Faculty” refers to the entire teaching force responsible for educating fellows. The term “faculty,” including “core faculty,” does not imply or require an academic appointment or salary support.

II.B.1. For each participating site, there must be a sufficient number of faculty members with competence to instruct and supervise all fellows at that location. ^(Core)

II.B.2. Faculty members must:

II.B.2.a) be role models of professionalism; ^(Core)

II.B.2.b) demonstrate commitment to the delivery of safe, quality, cost-effective, patient-centered care; ^(Core)

Background and Intent: Patients have the right to expect quality, cost-effective care with patient safety at its core. The foundation for meeting this expectation is formed during residency and fellowship. Faculty members model these goals and continually strive for improvement in care and cost, embracing a commitment to the patient and the community they serve.

II.B.2.c) demonstrate a strong interest in the education of fellows; ^(Core)

II.B.2.d) devote sufficient time to the educational program to fulfill their supervisory and teaching responsibilities; ^(Core)

- 353
354 **II.B.2.e)** administer and maintain an educational environment
355 conducive to educating fellows; ^(Core)
356
357 **II.B.2.f)** regularly participate in organized clinical discussions,
358 rounds, journal clubs, and conferences; ^(Core)
359
360 **II.B.2.g)** pursue faculty development designed to enhance their skills
361 at least annually; and, ^(Core)
362

Background and Intent: Faculty development is intended to describe structured programming developed for the purpose of enhancing transference of knowledge, skill, and behavior from the educator to the learner. Faculty development may occur in a variety of configurations (lecture, workshop, etc.) using internal and/or external resources. Programming is typically needs-based (individual or group) and may be specific to the institution or the program. Faculty development programming is to be reported for the fellowship program faculty in the aggregate.

- 363
364 **II.B.2.h)** mentor fellows in the application of scientific principles,
365 epidemiology, biostatistics, and evidence-based medicine to the
366 clinical care of patients. ^(Core)
367

368 **II.B.3. Faculty Qualifications**

- 369
370 **II.B.3.a)** Faculty members must have appropriate qualifications in
371 their field and hold appropriate institutional appointments.
372 ^(Core)
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374 **II.B.3.b)** Subspecialty physician faculty members must:
375
376 **II.B.3.b).(1)** have current certification in the subspecialty by the
377 American Board of Pediatrics or possess qualifications
378 judged acceptable to the Review Committee. ^(Core)
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380 [Note that while the Common Program Requirements
381 deem certification by a certifying board of the American
382 Osteopathic Association (AOA) acceptable, there is no
383 AOA board that offers certification in this subspecialty]
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Subspecialty Background and Intent: Prior to 2024, the faculty must hold current certification by the American Board of Pediatrics (ABP) and is expected to take the pediatric hospital medicine certifying examination by 2023.

Effective 2024, the faculty is expected to hold current subspecialty certification in pediatric hospital medicine. For a faculty member who has not achieved pediatric hospital medicine certification from the ABP, the Review Committee will consider the following criteria in determining whether alternate qualifications are acceptable:

- completion of a pediatric hospital medicine fellowship program

- scholarship within the field of pediatric hospital medicine; specifically, evidence of on-going scholarship documented by contributions to the peer-reviewed literature in pediatric hospital medicine, and pediatric hospital medicine presentations at national meetings
- leadership and/or participation on committees in national pediatric subspecialty organizations
- current clinical activity in pediatric hospital medicine

If a faculty member is a recent graduate of a pediatric hospital medicine program, the Review Committee expects that individual to take and pass the next available ABP pediatric hospital medicine certifying examination. If the faculty member is unable to take the next administration of the certifying examination, an explanation should be provided.

Years of practice are not an equivalent to specialty board certification, and the Review Committee does not accept the phrase "board eligible."

Provision of documentation of alternate qualifications is the responsibility of the program director.

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II.B.3.c) Any non-physician faculty members who participate in fellowship program education must be approved by the program director. (Core)

Background and Intent: The provision of optimal and safe patient care requires a team approach. The education of fellows by non-physician educators enables the fellows to better manage patient care and provides valuable advancement of the fellows' knowledge. Furthermore, other individuals contribute to the education of the fellow in the basic science of the subspecialty or in research methodology. If the program director determines that the contribution of a non-physician individual is significant to the education of the fellow, the program director may designate the individual as a program faculty member or a program core faculty member.

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II.B.3.d) Any other specialty physician faculty members must have current certification in their specialty by the appropriate American Board of Medical Specialties (ABMS) member board or American Osteopathic Association (AOA) certifying board, or possess qualifications judged acceptable to the Review Committee. (Core)

II.B.3.d).(1) In addition to the pediatric hospital medicine faculty members, ABP- or AOBP certified faculty members and consultants in the following subspecialties must be available:

II.B.3.d).(1).(a) pediatric critical care medicine; and, (Core)

II.B.3.d).(1).(b) neonatal perinatal medicine. (Core)

II.B.3.d).(2) The faculty should also include the following specialists with substantial experience with pediatric problems: (Detail)

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410	II.B.3.d).(2).(a)	anesthesiologist(s); ^(Core)
411		
412	II.B.3.d).(2).(b)	child neurologist(s); ^(Core)
413		
414	II.B.3.d).(2).(c)	child psychiatrist(s); ^(Core)
415		
416	II.B.3.d).(2).(d)	dermatologist(s); ^(Core)
417		
418	II.B.3.d).(2).(e)	medical geneticist(s); ^(Core)
419		
420	II.B.3.d).(2).(f)	neurological surgeon(s); ^(Core)
421		
422	II.B.3.d).(2).(g)	orthopaedic surgeon(s); ^(Core)
423		
424	II.B.3.d).(2).(h)	otolaryngologist(s); ^(Core)
425		
426	II.B.3.d).(2).(i)	pathologist(s); ^(Core)
427		
428	II.B.3.d).(2).(j)	pediatric cardiologist(s); ^(Core)
429		
430	II.B.3.d).(2).(k)	pediatric child abuse physician(s); ^(Core)
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432	II.B.3.d).(2).(l)	pediatric endocrinologist(s); ^(Core)
433		
434	II.B.3.d).(2).(m)	pediatric gastroenterologist(s); ^(Core)
435		
436	II.B.3.d).(2).(n)	pediatric hematology-oncologist(s); ^(Core)
437		
438	II.B.3.d).(2).(o)	pediatric infectious diseases specialist(s); ^(Core)
439		
440	II.B.3.d).(2).(p)	pediatric nephrologist(s); ^(Core)
441		
442	II.B.3.d).(2).(q)	pediatric surgeon(s); and, ^(Core)
443		
444	II.B.3.d).(2).(r)	radiologist(s). ^(Core)
445		
446	II.B.3.d).(3)	Consultants should be available for transition care of
447		young adults. ^(Detail)
448		

<p>Subspecialty Background and Intent: The Review Committee recognizes that some programs may not have access to board-certified pediatric subspecialists in some disciplines, and will allow adult subspecialists with pediatric expertise. However, it is expected that faculty members have pediatric subspecialty certification, in those subspecialties where pediatric subspecialty board certification is available, whenever possible. Adult subspecialists should not be appointed as faculty members or consultants if pediatric subspecialists are available.</p>
--

449
450 **II.B.4. Core Faculty**
451

452 Core faculty members must have a significant role in the education
453 and supervision of fellows and must devote a significant portion of
454 their entire effort to fellow education and/or administration, and
455 must, as a component of their activities, teach, evaluate, and provide
456 formative feedback to fellows. ^(Core)
457

Background and Intent: Core faculty members are critical to the success of fellow education. They support the program leadership in developing, implementing, and assessing curriculum and in assessing fellows' progress toward achievement of competence in the subspecialty. Core faculty members should be selected for their broad knowledge of and involvement in the program, permitting them to effectively evaluate the program, including completion of the annual ACGME Faculty Survey.

- 458
459 **II.B.4.a) Core faculty members must be designated by the program**
460 **director.** ^(Core)
461
462 **II.B.4.b) Core faculty members must complete the annual ACGME**
463 **Faculty Survey.** ^(Core)
464
465 **II.B.4.c)** To ensure the quality of the educational and scholarly activity of
466 the program, and to provide adequate supervision of fellows, there
467 must be at least four core faculty members, inclusive of the
468 program director, who are certified in pediatric hospital medicine
469 by the ABP, or have qualifications acceptable to the Review
470 Committee. ^(Core)
471
472 **II.C. Program Coordinator**
473
474 **II.C.1. There must be a program coordinator.** ^(Core)
475
476 **II.C.2. The program coordinator must be provided with support adequate**
477 **for administration of the program based upon its size and**
478 **configuration.** ^(Core)
479

Background and Intent: Each program requires a lead administrative person, frequently referred to as a program coordinator, administrator, or as titled by the institution. This person will frequently manage the day-to-day operations of the program and serve as an important liaison with learners, faculty and other staff members, and the ACGME. Individuals serving in this role are recognized as program coordinators by the ACGME.

The program coordinator is a member of the leadership team and is critical to the success of the program. As such, the program coordinator must possess skills in leadership and personnel management. Program coordinators are expected to develop unique knowledge of the ACGME and Program Requirements, policies, and procedures. Program coordinators assist the program director in accreditation efforts, educational programming, and support of fellows.

Programs, in partnership with their Sponsoring Institutions, should encourage the professional development of their program coordinators and avail them of opportunities for both professional and personal growth. Programs with fewer fellows may not require a full-time coordinator; one coordinator may support more than one program.

480
481 **II.D. Other Program Personnel**
482
483 **The program, in partnership with its Sponsoring Institution, must jointly**
484 **ensure the availability of necessary personnel for the effective**
485 **administration of the program.** ^(Core)
486

487 II.D.1. In order to enhance the fellows' understanding of the multidisciplinary
488 nature of pediatric hospital medicine, the following personnel with
489 pediatric focus and experience should be available:
490

- 491 II.D.1.a) audiologist(s); ^(Detail)
- 492
- 493 II.D.1.b) child life therapist(s); ^(Detail)
- 494
- 495 II.D.1.c) dietitian(s); ^(Detail)
- 496
- 497 II.D.1.d) hospice and palliative care professional(s); ^(Detail)
- 498
- 499 II.D.1.e) mental health professional(s); ^(Core)
- 500
- 501 II.D.1.f) nurse(s); ^(Core)
- 502
- 503 II.D.1.g) personnel for care coordination and utilization management; ^(Core)
- 504
- 505 II.D.1.h) pharmacist(s); ^(Detail)
- 506
- 507 II.D.1.i) physical and occupational therapist(s); ^(Detail)
- 508
- 509 II.D.1.j) public health liaison(s); ^(Detail)
- 510
- 511 II.D.1.k) respiratory therapist(s); ^(Detail)
- 512
- 513 II.D.1.l) school and special education contacts; ^(Detail)
- 514
- 515 II.D.1.m) social worker(s); and, ^(Core)
- 516
- 517 II.D.1.n) speech and language therapist(s). ^(Detail)
- 518

Background and Intent: Multiple personnel may be required to effectively administer a program. These may include staff members with clerical skills, project managers, education experts, and staff members to maintain electronic communication for the program. These personnel may support more than one program in more than one discipline.

519
520 **III. Fellow Appointments**
521

522 **III.A. Eligibility Criteria**
523

524 **III.A.1. Eligibility Requirements – Fellowship Programs**
525

526 All required clinical education for entry into ACGME-accredited
527 fellowship programs must be completed in an ACGME-accredited
528 residency program, an AOA-approved residency program, a
529 program with ACGME International (ACGME-I) Advanced Specialty
530 Accreditation, or a Royal College of Physicians and Surgeons of
531 Canada (RCPSC)-accredited or College of Family Physicians of
532 Canada (CFPC)-accredited residency program located in Canada.
533 (Core)
534

Background and Intent: Eligibility for ABMS or AOA Board certification may not be satisfied by fellowship training. Applicants must be notified of this at the time of application, as required in II.A.4.a).(9).

- 535
536 **III.A.1.a) Fellowship programs must receive verification of each**
537 **entering fellow’s level of competence in the required field,**
538 **upon matriculation, using ACGME, ACGME-I, or CanMEDS**
539 **Milestones evaluations from the core residency program. (Core)**
540
541 **III.A.1.b) Prerequisite education for entry into a pediatric hospital medicine**
542 **program must include the satisfactory completion of a pediatrics or**
543 **combined internal medicine-pediatrics residency program that**
544 **satisfies the requirements listed in III.A.1. (Core)**
545
546 **III.A.1.c) Fellow Eligibility Exception**
547
548 **The Review Committee for Pediatrics will allow the following**
549 **exception to the fellowship eligibility requirements:**
550
551 **III.A.1.c).(1) An ACGME-accredited fellowship program may accept**
552 **an exceptionally qualified international graduate**
553 **applicant who does not satisfy the eligibility**
554 **requirements listed in III.A.1., but who does meet all of**
555 **the following additional qualifications and conditions:**
556 **(Core)**
557
558 **III.A.1.c).(1).(a) evaluation by the program director and**
559 **fellowship selection committee of the**
560 **applicant’s suitability to enter the program,**
561 **based on prior training and review of the**
562 **summative evaluations of training in the core**
563 **specialty; and, (Core)**
564
565 **III.A.1.c).(1).(b) review and approval of the applicant’s**
566 **exceptional qualifications by the GMC; and,**
567 **(Core)**
568
569 **III.A.1.c).(1).(c) verification of Educational Commission for**
570 **Foreign Medical Graduates (ECFMG)**
571 **certification. (Core)**
572

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III.A.1.c).(2) Applicants accepted through this exception must have an evaluation of their performance by the Clinical Competency Committee within 12 weeks of matriculation. ^(Core)

Background and Intent: An exceptionally qualified international graduate applicant has (1) completed a residency program in the core specialty outside the continental United States that was not accredited by the ACGME, AOA, ACGME-I, RCPSC or CFPC, and (2) demonstrated clinical excellence, in comparison to peers, throughout training. Additional evidence of exceptional qualifications is required, which may include one of the following: (a) participation in additional clinical or research training in the specialty or subspecialty; (b) demonstrated scholarship in the specialty or subspecialty; and/or (c) demonstrated leadership during or after residency. Applicants being considered for these positions must be informed of the fact that their training may not lead to certification by ABMS member boards or AOA certifying boards.

In recognition of the diversity of medical education and training around the world, this early evaluation of clinical competence required for these applicants ensures they can provide quality and safe patient care. Any gaps in competence should be addressed as per policies for fellows already established by the program in partnership with the Sponsoring Institution.

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III.B. The program director must not appoint more fellows than approved by the Review Committee. ^(Core)

III.B.1. All complement increases must be approved by the Review Committee. ^(Core)

III.C. Fellow Transfers

The program must obtain verification of previous educational experiences and a summative competency-based performance evaluation prior to acceptance of a transferring fellow, and Milestones evaluations upon matriculation. ^(Core)

IV. Educational Program

The ACGME accreditation system is designed to encourage excellence and innovation in graduate medical education regardless of the organizational affiliation, size, or location of the program.

The educational program must support the development of knowledgeable, skillful physicians who provide compassionate care.

In addition, the program is expected to define its specific program aims consistent with the overall mission of its Sponsoring Institution, the needs of the community it serves and that its graduates will serve, and the distinctive capabilities of physicians it intends to graduate. While programs must demonstrate substantial compliance with the Common and subspecialty-specific Program Requirements, it is recognized that within this framework, programs may place different emphasis on research, leadership, public health, etc. It is expected that the program aims

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608 *will reflect the nuanced program-specific goals for it and its graduates; for*
609 *example, it is expected that a program aiming to prepare physician-scientists will*
610 *have a different curriculum from one focusing on community health.*

611
612 **IV.A.** The curriculum must contain the following educational components: ^(Core)

613
614 **IV.A.1.** a set of program aims consistent with the Sponsoring Institution's
615 mission, the needs of the community it serves, and the desired
616 distinctive capabilities of its graduates; ^(Core)

617
618 **IV.A.1.a)** The program's aims must be made available to program
619 applicants, fellows, and faculty members. ^(Core)

620
621 **IV.A.2.** competency-based goals and objectives for each educational
622 experience designed to promote progress on a trajectory to
623 autonomous practice in their subspecialty. These must be
624 distributed, reviewed, and available to fellows and faculty members;
625 ^(Core)

626
627 **IV.A.3.** delineation of fellow responsibilities for patient care, progressive
628 responsibility for patient management, and graded supervision in
629 their subspecialty; ^(Core)

630

Background and Intent: These responsibilities may generally be described by PGY level and specifically by Milestones progress as determined by the Clinical Competency Committee. This approach encourages the transition to competency-based education. An advanced learner may be granted more responsibility independent of PGY level and a learner needing more time to accomplish a certain task may do so in a focused rather than global manner.

631
632 **IV.A.4.** structured educational activities beyond direct patient care; and,
633 ^(Core)

634

Background and Intent: Patient care-related educational activities, such as morbidity and mortality conferences, tumor boards, surgical planning conferences, case discussions, etc., allow fellows to gain medical knowledge directly applicable to the patients they serve. Programs should define those educational activities in which fellows are expected to participate and for which time is protected. Further specification can be found in IV.C.

635
636 **IV.A.5.** advancement of fellows' knowledge of ethical principles
637 foundational to medical professionalism. ^(Core)

638
639 **IV.B.** ACGME Competencies

640

Background and Intent: The Competencies provide a conceptual framework describing the required domains for a trusted physician to enter autonomous practice. These Competencies are core to the practice of all physicians, although the specifics are further defined by each subspecialty. The developmental trajectories in each of the Competencies are articulated through the Milestones for each subspecialty. The focus

in fellowship is on subspecialty-specific patient care and medical knowledge, as well as refining the other competencies acquired in residency.

641
642 **IV.B.1. The program must integrate the following ACGME Competencies**
643 **into the curriculum: (Core)**
644

645 **IV.B.1.a) Professionalism**
646
647 **Fellows must demonstrate a commitment to professionalism**
648 **and an adherence to ethical principles. (Core)**
649

650 **IV.B.1.b) Patient Care and Procedural Skills**
651

Background and Intent: Quality patient care is safe, effective, timely, efficient, patient-centered, equitable, and designed to improve population health, while reducing per capita costs. (See the Institute of Medicine [IOM]'s *Crossing the Quality Chasm: A New Health System for the 21st Century*, 2001 and Berwick D, Nolan T, Whittington J. *The Triple Aim: care, cost, and quality. Health Affairs*. 2008; 27(3):759-769.). In addition, there should be a focus on improving the clinician's well-being as a means to improve patient care and reduce burnout among residents, fellows, and practicing physicians.

These organizing principles inform the Common Program Requirements across all Competency domains. Specific content is determined by the Review Committees with input from the appropriate professional societies, certifying boards, and the community.

652
653 **IV.B.1.b).(1) Fellows must be able to provide patient care that is**
654 **compassionate, appropriate, and effective for the**
655 **treatment of health problems and the promotion of**
656 **health. (Core)**
657

658 **IV.B.1.b).(1).(a) Fellows must develop competence in the clinical**
659 **skills needed in pediatric hospital medicine. (Core)**
660

661 **IV.B.1.b).(1).(b) Fellows must demonstrate the ability to provide**
662 **consultation, perform a history and physical**
663 **examination, make informed diagnostic and**
664 **therapeutic decisions that result in optimal clinical**
665 **judgement, and develop and carry out management**
666 **plans; (Core)**
667

668 **IV.B.1.b).(1).(c) Fellows must demonstrate the ability to provide**
669 **transfer of care that ensures seamless transitions.**
670 **(Core)**
671

672 **IV.B.1.b).(1).(d) In order to promote emotional resilience in children,**
673 **adolescents, and their families, fellows must:**
674

675 **IV.B.1.b).(1).(d).(i) provide care that is sensitive to the**
676 **developmental stage of the patient with**
677 **common behavioral and mental health**

678		issues, and the cultural context of the
679		patient and family; and, ^(Core)
680		
681	IV.B.1.b).(1).(d).(ii)	demonstrate the ability to refer and/or co-
682		manage patients with common behavioral
683		and mental health issues along with
684		appropriate specialists when indicated. ^(Core)
685		
686	IV.B.1.b).(1).(e)	Fellows must demonstrate competence in providing
687		or coordinating care with a medical home for
688		patients with complex and chronic diseases; ^(Core)
689		
690	IV.B.1.b).(1).(f)	Fellows must competently use and interpret
691		laboratory tests and imaging, and other diagnostic
692		procedures. ^(Core)
693		
694	IV.B.1.b).(1).(g)	Fellows must demonstrate the ability to provide
695		compassionate end-of-life care. ^(Core)
696		
697	IV.B.1.b).(1).(h)	Fellows must be able to recognize, evaluate, and
698		manage patients with the following:
699		
700	IV.B.1.b).(1).(h).(i)	acute kidney injury/acute renal failure; ^(Core)
701		
702	IV.B.1.b).(1).(h).(ii)	altered mental status; ^(Core)
703		
704	IV.B.1.b).(1).(h).(iii)	asthma; ^(Core)
705		
706	IV.B.1.b).(1).(h).(iv)	bone and joint infections; ^(Core)
707		
708	IV.B.1.b).(1).(h).(v)	brief resolved unexplained event (BRUE);
709		^(Core)
710		
711	IV.B.1.b).(1).(h).(vi)	CNS infections; ^(Core)
712		
713	IV.B.1.b).(1).(h).(vii)	failure to thrive; ^(Core)
714		
715	IV.B.1.b).(1).(h).(viii)	fever of unknown origin; ^(Core)
716		
717	IV.B.1.b).(1).(h).(ix)	fluid and electrolyte disturbances; ^(Core)
718		
719	IV.B.1.b).(1).(h).(x)	gastroenteritis; ^(Core)
720		
721	IV.B.1.b).(1).(h).(xi)	Henoch-Scholein Purpura; ^(Core)
722		
723	IV.B.1.b).(1).(h).(xii)	Kawasaki disease; ^(Core)
724		
725	IV.B.1.b).(1).(h).(xiii)	neonatal fever; ^(Core)
726		
727	IV.B.1.b).(1).(h).(xiv)	neonatal jaundice; ^(Core)
728		

729	IV.B.1.b).(1).(h).(xv)	acute and chronic pain ^(Core)
730		
731	IV.B.1.b).(1).(h).(xvi)	psychiatric urgencies/emergencies; ^(Core)
732		
733	IV.B.1.b).(1).(h).(xvii)	respiratory distress; ^(Core)
734		
735	IV.B.1.b).(1).(h).(xviii)	seizures; ^(Core)
736		
737	IV.B.1.b).(1).(h).(xix)	shock; ^(Core)
738		
739	IV.B.1.b).(1).(h).(xx)	skin and soft tissue infections; ^(Core)
740		
741	IV.B.1.b).(1).(h).(xxi)	toxic ingestion; ^(Core)
742		
743	IV.B.1.b).(1).(h).(xxii)	upper and lower respiratory infections; and,
744		^(Core)
745		
746	IV.B.1.b).(1).(h).(xxiii)	urinary tract infections. ^(Core)
747		
748	IV.B.1.b).(1).(i)	Fellows must be able to recognize, evaluate, and
749		co-manage surgical patients with a surgical
750		colleague, including the co-management of pain,
751		fluids, antimicrobial therapy, care coordination, and
752		co-morbidities of the following:
753		
754	IV.B.1.b).(1).(i).(i)	acute abdomen; ^(Core)
755		
756	IV.B.1.b).(1).(i).(ii)	increased intracranial pressure; ^(Core)
757		
758	IV.B.1.b).(1).(i).(iii)	spine surgery; ^(Core)
759		
760	IV.B.1.b).(1).(i).(iv)	testicular torsion; ^(Core)
761		
762	IV.B.1.b).(1).(i).(v)	tonsillectomy and adenoidectomy; and, ^(Core)
763		
764	IV.B.1.b).(1).(i).(vi)	trauma (accidental and non-accidental).
765		^(Core)
766		
767	IV.B.1.b).(2)	Fellows must be able to perform all medical,
768		diagnostic, and surgical procedures considered
769		essential for the area of practice. ^(Core)
770		
771	IV.B.1.b).(2).(a)	Fellows must demonstrate the necessary
772		procedural skills and develop an understanding of
773		the indications, risks, and limitations, including, but
774		not limited to:
775		
776	IV.B.1.b).(2).(a).(i)	arterial puncture; ^(Core)
777		
778	IV.B.1.b).(2).(a).(ii)	bag mask ventilation; ^(Core)
779		

780	IV.B.1.b).(2).(a).(iii)	bladder catheterization; (Core)
781		
782	IV.B.1.b).(2).(a).(iv)	intubation; (Core)
783		
784	IV.B.1.b).(2).(a).(v)	lumbar puncture; (Core)
785		
786	IV.B.1.b).(2).(a).(vi)	needle thoracostomy; (Core)
787		
788	IV.B.1.b).(2).(a).(vii)	neonatal resuscitation; (Core)
789		
790	IV.B.1.b).(2).(a).(viii)	pediatric resuscitation and stabilization; (Core)
791		
792	IV.B.1.b).(2).(a).(ix)	placement of feeding tubes; (Core)
793		
794	IV.B.1.b).(2).(a).(x)	placement of intravenous or intraosseous access; and, (Core)
795		
796		
797	IV.B.1.b).(2).(a).(xi)	procedural sedation. (Core)
798		

IV.B.1.c)

Medical Knowledge

Fellows 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. (Core)

800		
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806	IV.B.1.c).(1)	Fellows must demonstrate knowledge of biostatistics, clinical and laboratory research methodology, study design, preparation of applications for funding and/or approval of clinical research protocols, critical literature review, principles of evidence-based medicine, ethical principles involving clinical research, and teaching methods. (Core)
807		
808		
809		
810		
811		
812		
813		
814	IV.B.1.c).(2)	Fellows are expected to achieve a level of expertise in the following clinical areas:
815		
816		
817	IV.B.1.c).(2).(a)	children with multiple comorbidities; (Core)
818		
819	IV.B.1.c).(2).(b)	children with special healthcare needs; (Core)
820		
821	IV.B.1.c).(2).(c)	co-management of surgical patients; (Core)
822		
823	IV.B.1.c).(2).(d)	complex conditions and diseases; (Core)
824		
825	IV.B.1.c).(2).(e)	palliative care; (Core)
826		
827	IV.B.1.c).(2).(f)	sedation and pain management; (Core)
828		
829	IV.B.1.c).(2).(g)	serious acute complications of common conditions; and (Core)
830		

831
832 IV.B.1.c).(2).(h) technology-dependent children. (Core)

833
834 **IV.B.1.d) Practice-based Learning and Improvement**

835
836 **Fellows must demonstrate the ability to investigate and**
837 **evaluate their care of patients, to appraise and assimilate**
838 **scientific evidence, and to continuously improve patient care**
839 **based on constant self-evaluation and lifelong learning. (Core)**
840

Background and Intent: Practice-based learning and improvement is one of the defining characteristics of being a physician. It is the ability to investigate and evaluate the care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and lifelong learning.

The intention of this Competency is to help a fellow refine the habits of mind required to continuously pursue quality improvement, well past the completion of fellowship.

841
842 **IV.B.1.e) Interpersonal and Communication Skills**

843
844 **Fellows must demonstrate interpersonal and communication**
845 **skills that result in the effective exchange of information and**
846 **collaboration with patients, their families, and health**
847 **professionals. (Core)**
848

849 **IV.B.1.f) Systems-based Practice**

850
851 **Fellows must demonstrate an awareness of and**
852 **responsiveness to the larger context and system of health**
853 **care, including the social determinants of health, as well as**
854 **the ability to call effectively on other resources to provide**
855 **optimal health care. (Core)**
856

857 **IV.C. Curriculum Organization and Fellow Experiences**

858
859 **IV.C.1. The curriculum must be structured to optimize fellow educational**
860 **experiences, the length of these experiences, and supervisory**
861 **continuity. (Core)**
862

863 IV.C.1.a) Assignment of rotations must be structured to minimize the
864 frequency of rotational transitions, and rotations must be of
865 sufficient length to provide a quality educational experience,
866 defined by continuity of patient care, ongoing supervision,
867 longitudinal relationships with faculty members, and meaningful
868 assessment and feedback. (Core)

869
870 IV.C.1.b) Clinical experiences should be structured to facilitate learning in a
871 manner that allows the fellows to function as part of an effective
872 interprofessional team that works together longitudinally with
873 shared goals of patient safety and quality improvement. (Core)

- 874
875 **IV.C.2. The program must provide instruction and experience in pain**
876 **management if applicable for the subspecialty, including recognition**
877 **of the signs of addiction.** (Core)
878
- 879 IV.C.3. The curriculum should be organized in rotations of four weeks or one-
880 month blocks, or longitudinal experiences that consist of a minimum of
881 200 hours. (Core)
882
- 883 IV.C.4. Fellows must have eight rotations that focus on core pediatric hospital
884 medicine skills. (Core)
885
- 886 IV.C.4.a) At least one of these rotations must occur at a community site and
887 at least three rotations must occur at a site that provides
888 subspecialty and complex pediatric care. (Core)
889
- 890 IV.C.4.b) There must be six rotations that provide experiences in the full
891 spectrum of general pediatric inpatient medicine, including care of
892 newborns, care of patients with complex chronic diseases, care of
893 patients with surgical problems, co-management, sedation, and
894 palliative care. (Core)
895
- 896 IV.C.4.c) The remaining two hospital medicine rotations should be used to
897 meet the fellows' individual goals. (Detail)
898
- 899 IV.C.5. Fellows must also be provided eight rotations of individualized curriculum
900 that are determined by the learning needs and career plans of each fellow
901 and are developed with the guidance of a faculty mentor. (Core)
902
- 903 IV.C.6. Fellows must have a formally structured educational program in the
904 clinical and basic sciences related to pediatric hospital medicine. (Core)
905
- 906 IV.C.6.a) Pediatric hospital medicine conferences must occur regularly, and
907 must involve active fellow participation in planning and
908 implementation. (Core)
909
- 910 IV.C.6.b) Fellow education must include instruction in:
- 911
- 912 IV.C.6.b).(1) basic and fundamental disciplines, as appropriate to
913 pediatric hospital medicine, such as anatomy, physiology,
914 biochemistry, embryology, pathology, microbiology,
915 pharmacology, immunology, genetics, and
916 nutrition/metabolism; (Core)
917
- 918 IV.C.6.b).(2) pathophysiology of disease, reviews of recent advances in
919 clinical medicine and biomedical research, and
920 conferences dealing with complications and death, as well
921 as the scientific, ethical, and legal implications of
922 confidentiality and informed consent; (Core)
923
- 924 IV.C.6.b).(3) bioethics. (Core)

925		
926	IV.C.6.b).(3).(a)	This should include attention to physician-patient, physician-family, physician-physician/allied health professional, and physician-society relationships.
927		(Detail)
928		
929		
930		
931	IV.C.6.b).(4)	the economics of health care and current health care management issues, such as cost-effective patient care, practice management, preventive care, population health, quality improvement, resource allocation, and clinical outcomes; and, (Core)
932		
933		
934		
935		
936		
937	IV.D.	Scholarship
938		
939		<i>Medicine is both an art and a science. The physician is a humanistic scientist who cares for patients. This requires the ability to think critically, evaluate the literature, appropriately assimilate new knowledge, and practice lifelong learning. The program and faculty must create an environment that fosters the acquisition of such skills through fellow participation in scholarly activities as defined in the subspecialty-specific Program Requirements. Scholarly activities may include discovery, integration, application, and teaching.</i>
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948		<i>The ACGME recognizes the diversity of fellowships and anticipates that programs prepare physicians for a variety of roles, including clinicians, scientists, and educators. It is expected that the program's scholarship will reflect its mission(s) and aims, and the needs of the community it serves. For example, some programs may concentrate their scholarly activity on quality improvement, population health, and/or teaching, while other programs might choose to utilize more classic forms of biomedical research as the focus for scholarship.</i>
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957	IV.D.1.	Program Responsibilities
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959	IV.D.1.a)	The program must demonstrate evidence of scholarly activities, consistent with its mission(s) and aims. (Core)
960		
961		
962	IV.D.1.b)	The program in partnership with its Sponsoring Institution, must allocate adequate resources to facilitate fellow and faculty involvement in scholarly activities. (Core)
963		
964		
965		
966	IV.D.2.	Faculty Scholarly Activity
967		
968	IV.D.2.a)	Among their scholarly activity, programs must demonstrate accomplishments in at least three of the following domains: (Core)
969		
970		
971		
972		<ul style="list-style-type: none"> • Research in basic science, education, translational science, patient care, or population health
973		<ul style="list-style-type: none"> • Peer-reviewed grants
974		<ul style="list-style-type: none"> • Quality improvement and/or patient safety initiatives
975		

- 976 • **Systematic reviews, meta-analyses, review articles,**
- 977 **chapters in medical textbooks, or case reports**
- 978 • **Creation of curricula, evaluation tools, didactic**
- 979 **educational activities, or electronic educational**
- 980 **materials**
- 981 • **Contribution to professional committees, educational**
- 982 **organizations, or editorial boards**
- 983 • **Innovations in education**

984
 985 **IV.D.2.b) The program must demonstrate dissemination of scholarly**
 986 **activity within and external to the program by the following**
 987 **methods:**
 988

Background and Intent: For the purposes of education, metrics of scholarly activity represent one of the surrogates for the program’s effectiveness in the creation of an environment of inquiry that advances the fellows’ scholarly approach to patient care. The Review Committee will evaluate the dissemination of scholarship for the program as a whole, not for individual faculty members, for a five-year interval, for both core and non-core faculty members, with the goal of assessing the effectiveness of the creation of such an environment. The ACGME recognizes that there may be differences in scholarship requirements between different specialties and between residencies and fellowships in the same specialty.

989
 990 **IV.D.2.b).(1) faculty participation in grand rounds, posters,**
 991 **workshops, quality improvement presentations,**
 992 **podium presentations, grant leadership, non-peer-**
 993 **reviewed print/electronic resources, articles or**
 994 **publications, book chapters, textbooks, webinars,**
 995 **service on professional committees, or serving as a**
 996 **journal reviewer, journal editorial board member, or**
 997 **editor; (Outcome)‡**
 998

999 **IV.D.2.b).(1).(a) Scholarly activity must be in a field, such as basic**
 1000 **science, clinical, health services, health policy,**
 1001 **quality improvement, or education, as it relates to**
 1002 **pediatric hospital medicine. (Core)**
 1003

1004 **IV.D.2.b).(2) peer-reviewed publication. (Outcome)**
 1005

1006 **IV.D.3. Fellow Scholarly Activity**
 1007

1008 **IV.D.3.a) Where appropriate, the core curriculum in scholarly activity should**
 1009 **be a collaborative effort involving all of the pediatric subspecialty**
 1010 **programs at the institution. (Detail)**
 1011

1012 **IV.D.3.b) Each fellow must design and conduct a scholarly project under the**
 1013 **guidance of the program director and a designated mentor. (Core)**
 1014

1015 **IV.D.3.c) The program must provide a scholarship oversight committee for**
 1016 **each fellow to oversee and evaluate their progress as related to**

1017		the scholarly project. ^(Core)
1018		
1019	IV.D.3.c).(1)	Where applicable, the process of establishing fellow scholarship oversight committees should be a collaborative effort involving other pediatric subspecialty programs or other experts. ^(Detail)
1020		
1021		
1022		
1023		
1024	IV.D.3.d)	The scholarly experience must begin in the first year and continue throughout the duration of the educational program. ^(Core)
1025		
1026		
1027	IV.D.3.d).(1)	Fellows must have at least 8 months dedicated to research and scholarly activity, including the development of requisite skills, project completion, and presentation of results to the scholarship oversight committee. ^(Core)
1028		
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1031		
1032	V. Evaluation	
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1034	V.A. Fellow Evaluation	
1035		
1036	V.A.1. Feedback and Evaluation	
1037		

Background and Intent: Feedback is ongoing information provided regarding aspects of one’s performance, knowledge, or understanding. The faculty empower fellows to provide much of that feedback themselves in a spirit of continuous learning and self-reflection. Feedback from faculty members in the context of routine clinical care should be frequent, and need not always be formally documented.

Formative and summative evaluation have distinct definitions. Formative evaluation is *monitoring fellow learning* and providing ongoing feedback that can be used by fellows to improve their learning in the context of provision of patient care or other educational opportunities. More specifically, formative evaluations help:

- fellows identify their strengths and weaknesses and target areas that need work
- program directors and faculty members recognize where fellows are struggling and address problems immediately

Summative evaluation is *evaluating a fellow’s learning* by comparing the fellows against the goals and objectives of the rotation and program, respectively. Summative evaluation is utilized to make decisions about promotion to the next level of training, or program completion.

End-of-rotation and end-of-year evaluations have both summative and formative components. Information from a summative evaluation can be used formatively when fellows or faculty members use it to guide their efforts and activities in subsequent rotations and to successfully complete the fellowship program.

Feedback, formative evaluation, and summative evaluation compare intentions with accomplishments, enabling the transformation of a new specialist to one with growing subspecialty expertise.

1038

1039 V.A.1.a) Faculty members must directly observe, evaluate, and
1040 frequently provide feedback on fellow performance during
1041 each rotation or similar educational assignment. ^(Core)
1042

Background and Intent: Faculty members should provide feedback frequently throughout the course of each rotation. Fellows require feedback from faculty members to reinforce well-performed duties and tasks, as well as to correct deficiencies. This feedback will allow for the development of the learner as they strive to achieve the Milestones. More frequent feedback is strongly encouraged for fellows who have deficiencies that may result in a poor final rotation evaluation.

1043
1044 V.A.1.b) Evaluation must be documented at the completion of the
1045 assignment. ^(Core)
1046

1047 V.A.1.b).(1) For block rotations of greater than three months in
1048 duration, evaluation must be documented at least
1049 every three months. ^(Core)
1050

1051 V.A.1.b).(2) Longitudinal experiences such as continuity clinic in
1052 the context of other clinical responsibilities must be
1053 evaluated at least every three months and at
1054 completion. ^(Core)
1055

1056 V.A.1.c) The program must provide an objective performance
1057 evaluation based on the Competencies and the subspecialty-
1058 specific Milestones, and must: ^(Core)
1059

1060 V.A.1.c).(1) use multiple evaluators (e.g., faculty members, peers,
1061 patients, self, and other professional staff members);
1062 and, ^(Core)
1063

1064 V.A.1.c).(2) provide that information to the Clinical Competency
1065 Committee for its synthesis of progressive fellow
1066 performance and improvement toward unsupervised
1067 practice. ^(Core)
1068

Background and Intent: The trajectory to autonomous practice in a subspecialty is documented by the subspecialty-specific Milestones evaluation during fellowship. These Milestones detail the progress of a fellow in attaining skill in each competency domain. It is expected that the most growth in fellowship education occurs in patient care and medical knowledge, while the other four domains of competency must be ensured in the context of the subspecialty. They are developed by a subspecialty group and allow evaluation based on observable behaviors. The Milestones are considered formative and should be used to identify learning needs. This may lead to focused or general curricular revision in any given program or to individualized learning plans for any specific fellow.

1069
1070 V.A.1.d) The program director or their designee, with input from the
1071 Clinical Competency Committee, must:
1072

- 1073 V.A.1.d).(1) meet with and review with each fellow their
 1074 documented semi-annual evaluation of performance,
 1075 including progress along the subspecialty-specific
 1076 Milestones. ^(Core)
 1077
- 1078 V.A.1.d).(2) assist fellows in developing individualized learning
 1079 plans to capitalize on their strengths and identify areas
 1080 for growth; and, ^(Core)
 1081
- 1082 V.A.1.d).(3) develop plans for fellows failing to progress, following
 1083 institutional policies and procedures. ^(Core)
 1084

Background and Intent: Learning is an active process that requires effort from the teacher and the learner. Faculty members evaluate a fellow's performance at least at the end of each rotation. The program director or their designee will review those evaluations, including their progress on the Milestones, at a minimum of every six months. Fellows should be encouraged to reflect upon the evaluation, using the information to reinforce well-performed tasks or knowledge or to modify deficiencies in knowledge or practice. Working together with the faculty members, fellows should develop an individualized learning plan.

Fellows who are experiencing difficulties with achieving progress along the Milestones may require intervention to address specific deficiencies. Such intervention, documented in an individual remediation plan developed by the program director or a faculty mentor and the fellow, will take a variety of forms based on the specific learning needs of the fellow. However, the ACGME recognizes that there are situations which require more significant intervention that may alter the time course of fellow progression. To ensure due process, it is essential that the program director follow institutional policies and procedures.

- 1085
- 1086 V.A.1.e) At least annually, there must be a summative evaluation of
 1087 each fellow that includes their readiness to progress to the
 1088 next year of the program, if applicable. ^(Core)
 1089
- 1090 V.A.1.f) The evaluations of a fellow's performance must be accessible
 1091 for review by the fellow. ^(Core)
 1092
- 1093 V.A.2. Final Evaluation
 1094
- 1095 V.A.2.a) The program director must provide a final evaluation for each
 1096 fellow upon completion of the program. ^(Core)
 1097
- 1098 V.A.2.a).(1) The subspecialty-specific Milestones, and when
 1099 applicable the subspecialty-specific Case Logs, must
 1100 be used as tools to ensure fellows are able to engage
 1101 in autonomous practice upon completion of the
 1102 program. ^(Core)
 1103
- 1104 V.A.2.a).(2) The final evaluation must:
 1105

- 1106 V.A.2.a).(2).(a) become part of the fellow’s permanent record
 1107 maintained by the institution, and must be
 1108 accessible for review by the fellow in
 1109 accordance with institutional policy; ^(Core)
 1110
- 1111 V.A.2.a).(2).(b) verify that the fellow has demonstrated the
 1112 knowledge, skills, and behaviors necessary to
 1113 enter autonomous practice; ^(Core)
 1114
- 1115 V.A.2.a).(2).(c) consider recommendations from the Clinical
 1116 Competency Committee; and, ^(Core)
 1117
- 1118 V.A.2.a).(2).(d) be shared with the fellow upon completion of
 1119 the program. ^(Core)
 1120
- 1121 V.A.3. A Clinical Competency Committee must be appointed by the
 1122 program director. ^(Core)
 1123
- 1124 V.A.3.a) At a minimum the Clinical Competency Committee must
 1125 include three members, at least one of whom is a core faculty
 1126 member. Members must be faculty members from the same
 1127 program or other programs, or other health professionals
 1128 who have extensive contact and experience with the
 1129 program’s fellows. ^(Core)
 1130
- 1131 V.A.3.b) The Clinical Competency Committee must:
 1132
- 1133 V.A.3.b).(1) review all fellow evaluations at least semi-annually;
 1134 ^(Core)
 1135
- 1136 V.A.3.b).(2) determine each fellow’s progress on achievement of
 1137 the subspecialty-specific Milestones; and, ^(Core)
 1138
- 1139 V.A.3.b).(3) meet prior to the fellows’ semi-annual evaluations and
 1140 advise the program director regarding each fellow’s
 1141 progress. ^(Core)
 1142
- 1143 V.B. Faculty Evaluation
 1144
- 1145 V.B.1. The program must have a process to evaluate each faculty
 1146 member’s performance as it relates to the educational program at
 1147 least annually. ^(Core)
 1148

Background and Intent: The program director is responsible for the education program and for whom delivers it. While the term faculty may be applied to physicians within a given institution for other reasons, it is applied to fellowship program faculty members only through approval by a program director. The development of the faculty improves the education, clinical, and research aspects of a program. Faculty members have a strong commitment to the fellow and desire to provide optimal education and work opportunities. Faculty members must be provided feedback on their contribution to the mission of the program. All faculty members who interact with fellows desire feedback

on their education, clinical care, and research. If a faculty member does not interact with fellows, feedback is not required. With regard to the diverse operating environments and configurations, the fellowship program director may need to work with others to determine the effectiveness of the program's faculty performance with regard to their role in the educational program. All teaching faculty members should have their educational efforts evaluated by the fellows in a confidential and anonymous manner. Other aspects for the feedback may include research or clinical productivity, review of patient outcomes, or peer review of scholarly activity. The process should reflect the local environment and identify the necessary information. The feedback from the various sources should be summarized and provided to the faculty on an annual basis by a member of the leadership team of the program.

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- V.B.1.a)** This evaluation must include a review of the faculty member's clinical teaching abilities, engagement with the educational program, participation in faculty development related to their skills as an educator, clinical performance, professionalism, and scholarly activities. *(Core)*
- V.B.1.b)** This evaluation must include written, confidential evaluations by the fellows. *(Core)*
- V.B.2.** Faculty members must receive feedback on their evaluations at least annually. *(Core)*
- V.B.3.** Results of the faculty educational evaluations should be incorporated into program-wide faculty development plans. *(Core)*

Background and Intent: The quality of the faculty's teaching and clinical care is a determinant of the quality of the program and the quality of the fellows' future clinical care. Therefore, the program has the responsibility to evaluate and improve the program faculty members' teaching, scholarship, professionalism, and quality care. This section mandates annual review of the program's faculty members for this purpose, and can be used as input into the Annual Program Evaluation.

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- V.C. Program Evaluation and Improvement**
- V.C.1.** The program director must appoint the Program Evaluation Committee to conduct and document the Annual Program Evaluation as part of the program's continuous improvement process. *(Core)*
- V.C.1.a)** The Program Evaluation Committee must be composed of at least two program faculty members, at least one of whom is a core faculty member, and at least one fellow. *(Core)*
- V.C.1.b)** Program Evaluation Committee responsibilities must include:
- V.C.1.b).(1)** acting as an advisor to the program director, through program oversight; *(Core)*

- 1182 V.C.1.b).(2) review of the program’s self-determined goals and
1183 progress toward meeting them; ^(Core)
1184
1185 V.C.1.b).(3) guiding ongoing program improvement, including
1186 development of new goals, based upon outcomes;
1187 and, ^(Core)
1188
1189 V.C.1.b).(4) review of the current operating environment to identify
1190 strengths, challenges, opportunities, and threats as
1191 related to the program’s mission and aims. ^(Core)
1192

Background and Intent: In order to achieve its mission and train quality physicians, a program must evaluate its performance and plan for improvement in the Annual Program Evaluation. Performance of fellows and faculty members is a reflection of program quality, and can use metrics that reflect the goals that a program has set for itself. The Program Evaluation Committee utilizes outcome parameters and other data to assess the program’s progress toward achievement of its goals and aims.

- 1193
1194 V.C.1.c) The Program Evaluation Committee should consider the
1195 following elements in its assessment of the program:
1196
1197 V.C.1.c).(1) curriculum; ^(Core)
1198
1199 V.C.1.c).(2) outcomes from prior Annual Program Evaluation(s);
1200 ^(Core)
1201
1202 V.C.1.c).(3) ACGME letters of notification, including citations,
1203 Areas for Improvement, and comments; ^(Core)
1204
1205 V.C.1.c).(4) quality and safety of patient care; ^(Core)
1206
1207 V.C.1.c).(5) aggregate fellow and faculty:
1208
1209 V.C.1.c).(5).(a) well-being; ^(Core)
1210
1211 V.C.1.c).(5).(b) recruitment and retention; ^(Core)
1212
1213 V.C.1.c).(5).(c) workforce diversity; ^(Core)
1214
1215 V.C.1.c).(5).(d) engagement in quality improvement and patient
1216 safety; ^(Core)
1217
1218 V.C.1.c).(5).(e) scholarly activity; ^(Core)
1219
1220 V.C.1.c).(5).(f) ACGME Resident/Fellow and Faculty Surveys
1221 (where applicable); and, ^(Core)
1222
1223 V.C.1.c).(5).(g) written evaluations of the program. ^(Core)
1224
1225 V.C.1.c).(6) aggregate fellow:
1226

- 1227 V.C.1.c).(6).(a) achievement of the Milestones; ^(Core)
 1228
 1229 V.C.1.c).(6).(b) in-training examinations (where applicable);
 1230 ^(Core)
 1231
 1232 V.C.1.c).(6).(c) board pass and certification rates; and, ^(Core)
 1233
 1234 V.C.1.c).(6).(d) graduate performance. ^(Core)
 1235
 1236 V.C.1.c).(7) aggregate faculty:
 1237
 1238 V.C.1.c).(7).(a) evaluation; and, ^(Core)
 1239
 1240 V.C.1.c).(7).(b) professional development ^(Core)
 1241
 1242 V.C.1.d) The Program Evaluation Committee must evaluate the
 1243 program's mission and aims, strengths, areas for
 1244 improvement, and threats. ^(Core)
 1245
 1246 V.C.1.e) The annual review, including the action plan, must:
 1247
 1248 V.C.1.e).(1) be distributed to and discussed with the members of
 1249 the teaching faculty and the fellows; and, ^(Core)
 1250
 1251 V.C.1.e).(2) be submitted to the DIO. ^(Core)
 1252
 1253 V.C.2. The program must participate in a Self-Study prior to its 10-Year
 1254 Accreditation Site Visit. ^(Core)
 1255
 1256 V.C.2.a) A summary of the Self-Study must be submitted to the DIO.
 1257 ^(Core)
 1258

Background and Intent: Outcomes of the documented Annual Program Evaluation can be integrated into the 10-year Self-Study process. The Self-Study is an objective, comprehensive evaluation of the fellowship program, with the aim of improving it. Underlying the Self-Study is this longitudinal evaluation of the program and its learning environment, facilitated through sequential Annual Program Evaluations that focus on the required components, with an emphasis on program strengths and self-identified areas for improvement. Details regarding the timing and expectations for the Self-Study and the 10-Year Accreditation Site Visit are provided in the *ACGME Manual of Policies and Procedures*. Additionally, a description of the [Self-Study process](#), as well as information on how to prepare for the [10-Year Accreditation Site Visit](#), is available on the ACGME website.

- 1259
 1260 V.C.3. *One goal of ACGME-accredited education is to educate physicians*
 1261 *who seek and achieve board certification. One measure of the*
 1262 *effectiveness of the educational program is the ultimate pass rate.*
 1263
 1264 *The program director should encourage all eligible program*
 1265 *graduates to take the certifying examination offered by the*

- 1266 *applicable American Board of Medical Specialties (ABMS) member*
 1267 *board or American Osteopathic Association (AOA) certifying board.*
 1268
- 1269 **V.C.3.a)** For subspecialties in which the ABMS member board and/or
 1270 AOA certifying board offer(s) an annual written exam, in the
 1271 preceding three years, the program’s aggregate pass rate of
 1272 those taking the examination for the first time must be higher
 1273 than the bottom fifth percentile of programs in that
 1274 subspecialty. *(Outcome)*
 1275
- 1276 **V.C.3.b)** For subspecialties in which the ABMS member board and/or
 1277 AOA certifying board offer(s) a biennial written exam, in the
 1278 preceding six years, the program’s aggregate pass rate of
 1279 those taking the examination for the first time must be higher
 1280 than the bottom fifth percentile of programs in that
 1281 subspecialty. *(Outcome)*
 1282
- 1283 **V.C.3.c)** For subspecialties in which the ABMS member board and/or
 1284 AOA certifying board offer(s) an annual oral exam, in the
 1285 preceding three years, the program’s aggregate pass rate of
 1286 those taking the examination for the first time must be higher
 1287 than the bottom fifth percentile of programs in that
 1288 subspecialty. *(Outcome)*
 1289
- 1290 **V.C.3.d)** For subspecialties in which the ABMS member board and/or
 1291 AOA certifying board offer(s) a biennial oral exam, in the
 1292 preceding six years, the program’s aggregate pass rate of
 1293 those taking the examination for the first time must be higher
 1294 than the bottom fifth percentile of programs in that
 1295 subspecialty. *(Outcome)*
 1296
- 1297 **V.C.3.e)** For each of the exams referenced in V.C.3.a)-d), any program
 1298 whose graduates over the time period specified in the
 1299 requirement have achieved an 80 percent pass rate will have
 1300 met this requirement, no matter the percentile rank of the
 1301 program for pass rate in that subspecialty. *(Outcome)*
 1302

Background and Intent: Setting a single standard for pass rate that works across subspecialties is not supportable based on the heterogeneity of the psychometrics of different examinations. By using a percentile rank, the performance of the lower five percent (fifth percentile) of programs can be identified and set on a path to curricular and test preparation reform.

There are subspecialties where there is a very high board pass rate that could leave successful programs in the bottom five percent (fifth percentile) despite admirable performance. These high-performing programs should not be cited, and V.C.3.e) is designed to address this.

- 1303
 1304 **V.C.3.f)** Programs must report, in ADS, board certification status
 1305 annually for the cohort of board-eligible fellows that
 1306 graduated seven years earlier. *(Core)*

1307

Background and Intent: It is essential that fellowship programs demonstrate knowledge and skill transfer to their fellows. One measure of that is the qualifying or initial certification exam pass rate. Another important parameter of the success of the program is the ultimate board certification rate of its graduates. Graduates are eligible for up to seven years from fellowship graduation for initial certification. The ACGME will calculate a rolling three-year average of the ultimate board certification rate at seven years post-graduation, and the Review Committees will monitor it.

The Review Committees will track the rolling seven-year certification rate as an indicator of program quality. Programs are encouraged to monitor their graduates' performance on board certification examinations.

In the future, the ACGME may establish parameters related to ultimate board certification rates.

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VI. The Learning and Working Environment

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Fellowship education must occur in the context of a learning and working environment that emphasizes the following principles:

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- *Excellence in the safety and quality of care rendered to patients by fellows today*

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- *Excellence in the safety and quality of care rendered to patients by today's fellows in their future practice*

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- *Excellence in professionalism through faculty modeling of:*

1321

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- *the effacement of self-interest in a humanistic environment that supports the professional development of physicians*

1323

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1325

- *the joy of curiosity, problem-solving, intellectual rigor, and discovery*

1326

1327

- *Commitment to the well-being of the students, residents, fellows, faculty members, and all members of the health care team*

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1329

Background and Intent: The revised requirements are intended to provide greater flexibility within an established framework, allowing programs and fellows more discretion to structure clinical education in a way that best supports the above principles of professional development. With this increased flexibility comes the responsibility for programs and fellows to adhere to the 80-hour maximum weekly limit (unless a rotation-specific exception is granted by a Review Committee), and to utilize flexibility in a manner that optimizes patient safety, fellow education, and fellow well-being. The requirements are intended to support the development of a sense of professionalism by encouraging fellows to make decisions based on patient needs and their own well-being, without fear of jeopardizing their program's accreditation status. In addition, the proposed requirements eliminate the burdensome documentation requirement for fellows to justify clinical and educational work hour variations.

Clinical and educational work hours represent only one part of the larger issue of conditions of the learning and working environment, and Section VI has now been expanded to include greater attention to patient safety and fellow and faculty member well-being. The requirements are intended to support programs and fellows as they strive for excellence, while also ensuring ethical, humanistic training. Ensuring that flexibility is used in an appropriate manner is a shared responsibility of the program and fellows. With this flexibility comes a responsibility for fellows and faculty members to recognize the need to hand off care of a patient to another provider when a fellow is too fatigued to provide safe, high quality care and for programs to ensure that fellows remain within the 80-hour maximum weekly limit.

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VI.A. Patient Safety, Quality Improvement, Supervision, and Accountability

VI.A.1. Patient Safety and Quality Improvement

All physicians share responsibility for promoting patient safety and enhancing quality of patient care. Graduate medical education must prepare fellows to provide the highest level of clinical care with continuous focus on the safety, individual needs, and humanity of their patients. It is the right of each patient to be cared for by fellows who are appropriately supervised; possess the requisite knowledge, skills, and abilities; understand the limits of their knowledge and experience; and seek assistance as required to provide optimal patient care.

Fellows must demonstrate the ability to analyze the care they provide, understand their roles within health care teams, and play an active role in system improvement processes. Graduating fellows will apply these skills to critique their future unsupervised practice and effect quality improvement measures.

It is necessary for fellows and faculty members to consistently work in a well-coordinated manner with other health care professionals to achieve organizational patient safety goals.

VI.A.1.a) Patient Safety

VI.A.1.a).(1) Culture of Safety

A culture of safety requires continuous identification of vulnerabilities and a willingness to transparently deal with them. An effective organization has formal mechanisms to assess the knowledge, skills, and attitudes of its personnel toward safety in order to identify areas for improvement.

VI.A.1.a).(1).(a) The program, its faculty, residents, and fellows must actively participate in patient safety systems and contribute to a culture of safety.
(Core)

1371 VI.A.1.a).(1).(b) The program must have a structure that
1372 promotes safe, interprofessional, team-based
1373 care. ^(Core)
1374

1375 VI.A.1.a).(2) Education on Patient Safety
1376
1377 Programs must provide formal educational activities
1378 that promote patient safety-related goals, tools, and
1379 techniques. ^(Core)
1380

Background and Intent: Optimal patient safety occurs in the setting of a coordinated interprofessional learning and working environment.

1381
1382 VI.A.1.a).(3) Patient Safety Events
1383
1384 *Reporting, investigation, and follow-up of adverse*
1385 *events, near misses, and unsafe conditions are pivotal*
1386 *mechanisms for improving patient safety, and are*
1387 *essential for the success of any patient safety*
1388 *program. Feedback and experiential learning are*
1389 *essential to developing true competence in the ability*
1390 *to identify causes and institute sustainable systems-*
1391 *based changes to ameliorate patient safety*
1392 *vulnerabilities.*
1393

1394 VI.A.1.a).(3).(a) Residents, fellows, faculty members, and other
1395 clinical staff members must:

1396
1397 VI.A.1.a).(3).(a).(i) know their responsibilities in reporting
1398 patient safety events at the clinical site;
1399 ^(Core)

1400
1401 VI.A.1.a).(3).(a).(ii) know how to report patient safety
1402 events, including near misses, at the
1403 clinical site; and, ^(Core)
1404

1405 VI.A.1.a).(3).(a).(iii) be provided with summary information
1406 of their institution's patient safety
1407 reports. ^(Core)
1408

1409 VI.A.1.a).(3).(b) Fellows must participate as team members in
1410 real and/or simulated interprofessional clinical
1411 patient safety activities, such as root cause
1412 analyses or other activities that include
1413 analysis, as well as formulation and
1414 implementation of actions. ^(Core)
1415

1416 VI.A.1.a).(4) Fellow Education and Experience in Disclosure of
1417 Adverse Events
1418

1419		<i>Patient-centered care requires patients, and when appropriate families, to be apprised of clinical situations that affect them, including adverse events. This is an important skill for faculty physicians to model, and for fellows to develop and apply.</i>
1420		
1421		
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1424		
1425	VI.A.1.a).(4).(a)	All fellows must receive training in how to disclose adverse events to patients and families. ^(Core)
1426		
1427		
1428		
1429	VI.A.1.a).(4).(b)	Fellows should have the opportunity to participate in the disclosure of patient safety events, real or simulated. ^{(Detail)†}
1430		
1431		
1432		
1433	VI.A.1.b)	Quality Improvement
1434		
1435	VI.A.1.b).(1)	Education in Quality Improvement
1436		
1437		<i>A cohesive model of health care includes quality-related goals, tools, and techniques that are necessary in order for health care professionals to achieve quality improvement goals.</i>
1438		
1439		
1440		
1441		
1442	VI.A.1.b).(1).(a)	Fellows must receive training and experience in quality improvement processes, including an understanding of health care disparities. ^(Core)
1443		
1444		
1445		
1446	VI.A.1.b).(2)	Quality Metrics
1447		
1448		<i>Access to data is essential to prioritizing activities for care improvement and evaluating success of improvement efforts.</i>
1449		
1450		
1451		
1452	VI.A.1.b).(2).(a)	Fellows and faculty members must receive data on quality metrics and benchmarks related to their patient populations. ^(Core)
1453		
1454		
1455		
1456	VI.A.1.b).(3)	Engagement in Quality Improvement Activities
1457		
1458		<i>Experiential learning is essential to developing the ability to identify and institute sustainable systems-based changes to improve patient care.</i>
1459		
1460		
1461		
1462	VI.A.1.b).(3).(a)	Fellows must have the opportunity to participate in interprofessional quality improvement activities. ^(Core)
1463		
1464		
1465		
1466	VI.A.1.b).(3).(a).(i)	This should include activities aimed at reducing health care disparities. ^(Detail)
1467		
1468		
1469	VI.A.2.	Supervision and Accountability

1470
1471 **VI.A.2.a)** *Although the attending physician is ultimately responsible for*
1472 *the care of the patient, every physician shares in the*
1473 *responsibility and accountability for their efforts in the*
1474 *provision of care. Effective programs, in partnership with*
1475 *their Sponsoring Institutions, define, widely communicate,*
1476 *and monitor a structured chain of responsibility and*
1477 *accountability as it relates to the supervision of all patient*
1478 *care.*

1479
1480 *Supervision in the setting of graduate medical education*
1481 *provides safe and effective care to patients; ensures each*
1482 *fellow's development of the skills, knowledge, and attitudes*
1483 *required to enter the unsupervised practice of medicine; and*
1484 *establishes a foundation for continued professional growth.*

1485
1486 **VI.A.2.a).(1)** **Each patient must have an identifiable and**
1487 **appropriately-credentialed and privileged attending**
1488 **physician (or licensed independent practitioner as**
1489 **specified by the applicable Review Committee) who is**
1490 **responsible and accountable for the patient's care.**
1491 (Core)

1492

Subspecialty Background and Intent: Licensed independent professionals may include, but are not limited to: nurse practitioners, physician assistants, psychologists, physical and occupational therapists, speech and language therapists, dietitians, counselors, and audiologists, as appropriate.

1493
1494 **VI.A.2.a).(1).(a)** **This information must be available to fellows,**
1495 **faculty members, other members of the health**
1496 **care team, and patients. (Core)**
1497

1498 **VI.A.2.a).(1).(b)** **Fellows and faculty members must inform each**
1499 **patient of their respective roles in that patient's**
1500 **care when providing direct patient care. (Core)**

1501
1502 **VI.A.2.b)** *Supervision may be exercised through a variety of methods.*
1503 *For many aspects of patient care, the supervising physician*
1504 *may be a more advanced fellow. Other portions of care*
1505 *provided by the fellow can be adequately supervised by the*
1506 *immediate availability of the supervising faculty member or*
1507 *fellow, either on site or by means of telephonic and/or*
1508 *electronic modalities. Some activities require the physical*
1509 *presence of the supervising faculty member. In some*
1510 *circumstances, supervision may include post-hoc review of*
1511 *fellow-delivered care with feedback.*

1512
1513 **VI.A.2.b).(1)** **The program must demonstrate that the appropriate**
1514 **level of supervision in place for all fellows is based on**
1515 **each fellow's level of training and ability, as well as**
1516 **patient complexity and acuity. Supervision may be**

1517		exercised through a variety of methods, as appropriate
1518		to the situation. ^(Core)
1519		
1520	VI.A.2.c)	Levels of Supervision
1521		
1522		To promote oversight of fellow supervision while providing
1523		for graded authority and responsibility, the program must use
1524		the following classification of supervision: ^(Core)
1525		
1526	VI.A.2.c).(1)	Direct Supervision – the supervising physician is
1527		physically present with the fellow and patient. ^(Core)
1528		
1529	VI.A.2.c).(2)	Indirect Supervision:
1530		
1531	VI.A.2.c).(2).(a)	with Direct Supervision immediately available –
1532		the supervising physician is physically within
1533		the hospital or other site of patient care, and is
1534		immediately available to provide Direct
1535		Supervision. ^(Core)
1536		
1537	VI.A.2.c).(2).(b)	with Direct Supervision available – the
1538		supervising physician is not physically present
1539		within the hospital or other site of patient care,
1540		but is immediately available by means of
1541		telephonic and/or electronic modalities, and is
1542		available to provide Direct Supervision. ^(Core)
1543		
1544	VI.A.2.c).(3)	Oversight – the supervising physician is available to
1545		provide review of procedures/encounters with
1546		feedback provided after care is delivered. ^(Core)
1547		
1548	VI.A.2.d)	The privilege of progressive authority and responsibility,
1549		conditional independence, and a supervisory role in patient
1550		care delegated to each fellow must be assigned by the
1551		program director and faculty members. ^(Core)
1552		
1553	VI.A.2.d).(1)	The program director must evaluate each fellow’s
1554		abilities based on specific criteria, guided by the
1555		Milestones. ^(Core)
1556		
1557	VI.A.2.d).(2)	Faculty members functioning as supervising
1558		physicians must delegate portions of care to fellows
1559		based on the needs of the patient and the skills of
1560		each fellow. ^(Core)
1561		
1562	VI.A.2.d).(3)	Fellows should serve in a supervisory role to junior
1563		fellows and residents in recognition of their progress
1564		toward independence, based on the needs of each
1565		patient and the skills of the individual resident or
1566		fellow. ^(Detail)
1567		

1568 VI.A.2.e) Programs must set guidelines for circumstances and events
1569 in which fellows must communicate with the supervising
1570 faculty member(s). ^(Core)

1571
1572 VI.A.2.e).(1) Each fellow must know the limits of their scope of
1573 authority, and the circumstances under which the
1574 fellow is permitted to act with conditional
1575 independence. ^(Outcome)
1576

Background and Intent: The ACGME Glossary of Terms defines conditional independence as: Graded, progressive responsibility for patient care with defined oversight.

1577
1578 VI.A.2.f) Faculty supervision assignments must be of sufficient
1579 duration to assess the knowledge and skills of each fellow
1580 and to delegate to the fellow the appropriate level of patient
1581 care authority and responsibility. ^(Core)
1582

1583 VI.B. Professionalism

1584
1585 VI.B.1. Programs, in partnership with their Sponsoring Institutions, must
1586 educate fellows and faculty members concerning the professional
1587 responsibilities of physicians, including their obligation to be
1588 appropriately rested and fit to provide the care required by their
1589 patients. ^(Core)
1590

1591 VI.B.2. The learning objectives of the program must:

1592
1593 VI.B.2.a) be accomplished through an appropriate blend of supervised
1594 patient care responsibilities, clinical teaching, and didactic
1595 educational events; ^(Core)
1596

1597 VI.B.2.b) be accomplished without excessive reliance on fellows to
1598 fulfill non-physician obligations; and, ^(Core)
1599

Background and Intent: Routine reliance on fellows to fulfill non-physician obligations increases work compression for fellows and does not provide an optimal educational experience. Non-physician obligations are those duties which in most institutions are performed by nursing and allied health professionals, transport services, or clerical staff. Examples of such obligations include transport of patients from the wards or units for procedures elsewhere in the hospital; routine blood drawing for laboratory tests; routine monitoring of patients when off the ward; and clerical duties, such as scheduling. While it is understood that fellows may be expected to do any of these things on occasion when the need arises, these activities should not be performed by fellows routinely and must be kept to a minimum to optimize fellow education.

1600
1601 VI.B.2.c) ensure manageable patient care responsibilities. ^(Core)
1602

Background and Intent: The Common Program Requirements do not define “manageable patient care responsibilities” as this is variable by specialty and PGY

level. Review Committees will provide further detail regarding patient care responsibilities in the applicable specialty-specific Program Requirements and accompanying FAQs. However, all programs, regardless of specialty, should carefully assess how the assignment of patient care responsibilities can affect work compression.

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- VI.B.3. The program director, in partnership with the Sponsoring Institution, must provide a culture of professionalism that supports patient safety and personal responsibility. ^(Core)
 - VI.B.4. Fellows and faculty members must demonstrate an understanding of their personal role in the:
 - VI.B.4.a) provision of patient- and family-centered care; ^(Outcome)
 - VI.B.4.b) safety and welfare of patients entrusted to their care, including the ability to report unsafe conditions and adverse events; ^(Outcome)

Background and Intent: This requirement emphasizes that responsibility for reporting unsafe conditions and adverse events is shared by all members of the team and is not solely the responsibility of the fellow.

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1619
- VI.B.4.c) assurance of their fitness for work, including: ^(Outcome)

Background and Intent: This requirement emphasizes the professional responsibility of faculty members and fellows to arrive for work adequately rested and ready to care for patients. It is also the responsibility of faculty members, fellows, and other members of the care team to be observant, to intervene, and/or to escalate their concern about fellow and faculty member fitness for work, depending on the situation, and in accordance with institutional policies.

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- VI.B.4.c).(1) management of their time before, during, and after clinical assignments; and, ^(Outcome)
 - VI.B.4.c).(2) recognition of impairment, including from illness, fatigue, and substance use, in themselves, their peers, and other members of the health care team. ^(Outcome)
 - VI.B.4.d) commitment to lifelong learning; ^(Outcome)
 - VI.B.4.e) monitoring of their patient care performance improvement indicators; and, ^(Outcome)
 - VI.B.4.f) accurate reporting of clinical and educational work hours, patient outcomes, and clinical experience data. ^(Outcome)
 - VI.B.5. All fellows and faculty members must demonstrate responsiveness to patient needs that supersedes self-interest. This includes the recognition that under certain circumstances, the best interests of

1639 the patient may be served by transitioning that patient's care to
1640 another qualified and rested provider. (Outcome)

1641
1642 **VI.B.6.** Programs, in partnership with their Sponsoring Institutions, must
1643 provide a professional, equitable, respectful, and civil environment
1644 that is free from discrimination, sexual and other forms of
1645 harassment, mistreatment, abuse, or coercion of students, fellows,
1646 faculty, and staff. (Core)

1647
1648 **VI.B.7.** Programs, in partnership with their Sponsoring Institutions, should
1649 have a process for education of fellows and faculty regarding
1650 unprofessional behavior and a confidential process for reporting,
1651 investigating, and addressing such concerns. (Core)

1652
1653 **VI.C. Well-Being**

1654
1655 *Psychological, emotional, and physical well-being are critical in the*
1656 *development of the competent, caring, and resilient physician and require*
1657 *proactive attention to life inside and outside of medicine. Well-being*
1658 *requires that physicians retain the joy in medicine while managing their*
1659 *own real life stresses. Self-care and responsibility to support other*
1660 *members of the health care team are important components of*
1661 *professionalism; they are also skills that must be modeled, learned, and*
1662 *nurtured in the context of other aspects of fellowship training.*

1663
1664 *Fellows and faculty members are at risk for burnout and depression.*
1665 *Programs, in partnership with their Sponsoring Institutions, have the same*
1666 *responsibility to address well-being as other aspects of resident*
1667 *competence. Physicians and all members of the health care team share*
1668 *responsibility for the well-being of each other. For example, a culture which*
1669 *encourages covering for colleagues after an illness without the expectation*
1670 *of reciprocity reflects the ideal of professionalism. A positive culture in a*
1671 *clinical learning environment models constructive behaviors, and prepares*
1672 *fellows with the skills and attitudes needed to thrive throughout their*
1673 *careers.*

1674

Background and Intent: The ACGME is committed to addressing physician well-being for individuals and as it relates to the learning and working environment. The creation of a learning and working environment with a culture of respect and accountability for physician well-being is crucial to physicians' ability to deliver the safest, best possible care to patients. The ACGME is leveraging its resources in four key areas to support the ongoing focus on physician well-being: education, influence, research, and collaboration. Information regarding the ACGME's ongoing efforts in this area is available on the ACGME website.

As these efforts evolve, information will be shared with programs seeking to develop and/or strengthen their own well-being initiatives. In addition, there are many activities that programs can utilize now to assess and support physician well-being. These include culture of safety surveys, ensuring the availability of counseling services, and attention to the safety of the entire health care team.

1675

- 1676 VI.C.1. The responsibility of the program, in partnership with the
 1677 Sponsoring Institution, to address well-being must include:
 1678
- 1679 VI.C.1.a) efforts to enhance the meaning that each fellow finds in the
 1680 experience of being a physician, including protecting time
 1681 with patients, minimizing non-physician obligations,
 1682 providing administrative support, promoting progressive
 1683 autonomy and flexibility, and enhancing professional
 1684 relationships; ^(Core)
 1685
- 1686 VI.C.1.b) attention to scheduling, work intensity, and work
 1687 compression that impacts fellow well-being; ^(Core)
 1688
- 1689 VI.C.1.c) evaluating workplace safety data and addressing the safety of
 1690 fellows and faculty members; ^(Core)
 1691

Background and Intent: This requirement emphasizes the responsibility shared by the Sponsoring Institution and its programs to gather information and utilize systems that monitor and enhance fellow and faculty member safety, including physical safety. Issues to be addressed include, but are not limited to, monitoring of workplace injuries, physical or emotional violence, vehicle collisions, and emotional well-being after adverse events.

- 1692
- 1693 VI.C.1.d) policies and programs that encourage optimal fellow and
 1694 faculty member well-being; and, ^(Core)
 1695

Background and Intent: Well-being includes having time away from work to engage with family and friends, as well as to attend to personal needs and to one's own health, including adequate rest, healthy diet, and regular exercise.

- 1696
- 1697 VI.C.1.d).(1) Fellows must be given the opportunity to attend
 1698 medical, mental health, and dental care appointments,
 1699 including those scheduled during their working hours.
 1700 ^(Core)
 1701

Background and Intent: The intent of this requirement is to ensure that fellows have the opportunity to access medical and dental care, including mental health care, at times that are appropriate to their individual circumstances. Fellows must be provided with time away from the program as needed to access care, including appointments scheduled during their working hours.

- 1702
- 1703 VI.C.1.e) attention to fellow and faculty member burnout, depression,
 1704 and substance abuse. The program, in partnership with its
 1705 Sponsoring Institution, must educate faculty members and
 1706 fellows in identification of the symptoms of burnout,
 1707 depression, and substance abuse, including means to assist
 1708 those who experience these conditions. Fellows and faculty
 1709 members must also be educated to recognize those
 1710 symptoms in themselves and how to seek appropriate care.

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1713

The program, in partnership with its Sponsoring Institution, must: ^(Core)

Background and Intent: Programs and Sponsoring Institutions are encouraged to review materials in order to create systems for identification of burnout, depression, and substance abuse. Materials and more information are available on the Physician Well-being section of the ACGME website (<http://www.acgme.org/What-We-Do/Initiatives/Physician-Well-Being>).

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VI.C.1.e).(1) encourage fellows and faculty members to alert the program director or other designated personnel or programs when they are concerned that another fellow, resident, or faculty member may be displaying signs of burnout, depression, substance abuse, suicidal ideation, or potential for violence; ^(Core)

Background and Intent: Individuals experiencing burnout, depression, substance abuse, and/or suicidal ideation are often reluctant to reach out for help due to the stigma associated with these conditions, and are concerned that seeking help may have a negative impact on their career. Recognizing that physicians are at increased risk in these areas, it is essential that fellows and faculty members are able to report their concerns when another fellow or faculty member displays signs of any of these conditions, so that the program director or other designated personnel, such as the department chair, may assess the situation and intervene as necessary to facilitate access to appropriate care. Fellows and faculty members must know which personnel, in addition to the program director, have been designated with this responsibility; those personnel and the program director should be familiar with the institution's impaired physician policy and any employee health, employee assistance, and/or wellness programs within the institution. In cases of physician impairment, the program director or designated personnel should follow the policies of their institution for reporting.

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VI.C.1.e).(2) provide access to appropriate tools for self-screening; and, ^(Core)

VI.C.1.e).(3) provide access to confidential, affordable mental health assessment, counseling, and treatment, including access to urgent and emergent care 24 hours a day, seven days a week. ^(Core)

Background and Intent: The intent of this requirement is to ensure that fellows have immediate access at all times to a mental health professional (psychiatrist, psychologist, Licensed Clinical Social Worker, Primary Mental Health Nurse Practitioner, or Licensed Professional Counselor) for urgent or emergent mental health issues. In-person, telemedicine, or telephonic means may be utilized to satisfy this requirement. Care in the Emergency Department may be necessary in some cases, but not as the primary or sole means to meet the requirement.

The reference to affordable counseling is intended to require that financial cost not be a barrier to obtaining care.

1731

1732 VI.C.2. There are circumstances in which fellows may be unable to attend
1733 work, including but not limited to fatigue, illness, family
1734 emergencies, and parental leave. Each program must allow an
1735 appropriate length of absence for fellows unable to perform their
1736 patient care responsibilities. ^(Core)
1737

1738 VI.C.2.a) The program must have policies and procedures in place to
1739 ensure coverage of patient care. ^(Core)
1740

1741 VI.C.2.b) These policies must be implemented without fear of negative
1742 consequences for the fellow who is or was unable to provide
1743 the clinical work. ^(Core)
1744

Background and Intent: Fellows may need to extend their length of training depending on length of absence and specialty board eligibility requirements. Teammates should assist colleagues in need and equitably reintegrate them upon return.

1745 VI.D. Fatigue Mitigation
1746

1747 VI.D.1. Programs must:
1748

1749 VI.D.1.a) educate all faculty members and fellows to recognize the
1750 signs of fatigue and sleep deprivation; ^(Core)
1751

1752 VI.D.1.b) educate all faculty members and fellows in alertness
1753 management and fatigue mitigation processes; and, ^(Core)
1754

1755 VI.D.1.c) encourage fellows to use fatigue mitigation processes to
1756 manage the potential negative effects of fatigue on patient
1757 care and learning. ^(Detail)
1758
1759

Background and Intent: Providing medical care to patients is physically and mentally demanding. Night shifts, even for those who have had enough rest, cause fatigue. Experiencing fatigue in a supervised environment during training prepares fellows for managing fatigue in practice. It is expected that programs adopt fatigue mitigation processes and ensure that there are no negative consequences and/or stigma for using fatigue mitigation strategies.

This requirement emphasizes the importance of adequate rest before and after clinical responsibilities. Strategies that may be used include, but are not limited to, strategic napping; the judicious use of caffeine; availability of other caregivers; time management to maximize sleep off-duty; learning to recognize the signs of fatigue, and self-monitoring performance and/or asking others to monitor performance; remaining active to promote alertness; maintaining a healthy diet; using relaxation techniques to fall asleep; maintaining a consistent sleep routine; exercising regularly; increasing sleep time before and after call; and ensuring sufficient sleep recovery periods.

1760 VI.D.2. Each program must ensure continuity of patient care, consistent
1761 with the program's policies and procedures referenced in VI.C.2–
1762

1763 **VI.C.2.b), in the event that a fellow may be unable to perform their**
 1764 **patient care responsibilities due to excessive fatigue. (Core)**
 1765
 1766 **VI.D.3. The program, in partnership with its Sponsoring Institution, must**
 1767 **ensure adequate sleep facilities and safe transportation options for**
 1768 **fellows who may be too fatigued to safely return home. (Core)**
 1769
 1770 **VI.E. Clinical Responsibilities, Teamwork, and Transitions of Care**
 1771
 1772 **VI.E.1. Clinical Responsibilities**
 1773
 1774 **The clinical responsibilities for each fellow must be based on PGY**
 1775 **level, patient safety, fellow ability, severity and complexity of patient**
 1776 **illness/condition, and available support services. (Core)**
 1777

Background and Intent: The changing clinical care environment of medicine has meant that work compression due to high complexity has increased stress on fellows. Faculty members and program directors need to make sure fellows function in an environment that has safe patient care and a sense of fellow well-being. Some Review Committees have addressed this by setting limits on patient admissions, and it is an essential responsibility of the program director to monitor fellow workload. Workload should be distributed among the fellow team and interdisciplinary teams to minimize work compression.

1778
 1779 **VI.E.1.a) The program director must have the authority and responsibility to**
 1780 **set and adjust the clinical responsibilities and ensure that the**
 1781 **fellows have appropriate clinical responsibilities and an**
 1782 **appropriate patient load. (Core)**
 1783

Subspecialty Background and Intent: Insufficient patient experiences do not meet educational needs; an excessive patient load suggests an inappropriate reliance on fellows for service obligations, which may jeopardize the educational experience.

1784
 1785 **VI.E.1.a).(1) This must include progressive clinical, technical, and**
 1786 **consultative experiences that will enable each fellow to**
 1787 **develop expertise as a pediatric hospital medicine**
 1788 **consultant. (Core)**
 1789

1790 **VI.E.1.a).(2) Lines of responsibility for the fellows must be clearly**
 1791 **defined. (Core)**
 1792

1793 **VI.E.2. Teamwork**
 1794
 1795 **Fellows must care for patients in an environment that maximizes**
 1796 **communication. This must include the opportunity to work as a**
 1797 **member of effective interprofessional teams that are appropriate to**
 1798 **the delivery of care in the subspecialty and larger health system.**
 1799 **(Core)**
 1800

Subspecialty Background and Intent: Nurses, physician assistants, advanced practice providers, pharmacists, social workers, child-life specialists, physical and occupational therapists, speech and language therapists, audiologists, respiratory therapists, psychologists, and dieticians are examples of professional personnel who may be part of the interprofessional teams.

- 1801
1802 **VI.E.3. Transitions of Care**
1803
1804 **VI.E.3.a) Programs must design clinical assignments to optimize**
1805 **transitions in patient care, including their safety, frequency,**
1806 **and structure. (Core)**
1807
1808 **VI.E.3.b) Programs, in partnership with their Sponsoring Institutions,**
1809 **must ensure and monitor effective, structured hand-over**
1810 **processes to facilitate both continuity of care and patient**
1811 **safety. (Core)**
1812
1813 **VI.E.3.c) Programs must ensure that fellows are competent in**
1814 **communicating with team members in the hand-over process.**
1815 **(Outcome)**
1816
1817 **VI.E.3.d) Programs and clinical sites must maintain and communicate**
1818 **schedules of attending physicians and fellows currently**
1819 **responsible for care. (Core)**
1820
1821 **VI.E.3.e) Each program must ensure continuity of patient care,**
1822 **consistent with the program’s policies and procedures**
1823 **referenced in VI.C.2-VI.C.2.b), in the event that a fellow may**
1824 **be unable to perform their patient care responsibilities due to**
1825 **excessive fatigue or illness, or family emergency. (Core)**
1826
1827 **VI.F. Clinical Experience and Education**
1828
1829 *Programs, in partnership with their Sponsoring Institutions, must design*
1830 *an effective program structure that is configured to provide fellows with*
1831 *educational and clinical experience opportunities, as well as reasonable*
1832 *opportunities for rest and personal activities.*
1833

Background and Intent: In the new requirements, the terms “clinical experience and education,” “clinical and educational work,” and “clinical and educational work hours” replace the terms “duty hours,” “duty periods,” and “duty.” These changes have been made in response to concerns that the previous use of the term “duty” in reference to number of hours worked may have led some to conclude that fellows’ duty to “clock out” on time superseded their duty to their patients.

- 1834
1835 **VI.F.1. Maximum Hours of Clinical and Educational Work per Week**
1836
1837 **Clinical and educational work hours must be limited to no more than**
1838 **80 hours per week, averaged over a four-week period, inclusive of all**

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1841

in-house clinical and educational activities, clinical work done from home, and all moonlighting. ^(Core)

Background and Intent: Programs and fellows have a shared responsibility to ensure that the 80-hour maximum weekly limit is not exceeded. While the requirement has been written with the intent of allowing fellows to remain beyond their scheduled work periods to care for a patient or participate in an educational activity, these additional hours must be accounted for in the allocated 80 hours when averaged over four weeks.

Scheduling

While the ACGME acknowledges that, on rare occasions, a fellow may work in excess of 80 hours in a given week, all programs and fellows utilizing this flexibility will be required to adhere to the 80-hour maximum weekly limit when averaged over a four-week period. Programs that regularly schedule fellows to work 80 hours per week and still permit fellows to remain beyond their scheduled work period are likely to exceed the 80-hour maximum, which would not be in substantial compliance with the requirement. These programs should adjust schedules so that fellows are scheduled to work fewer than 80 hours per week, which would allow fellows to remain beyond their scheduled work period when needed without violating the 80-hour requirement. Programs may wish to consider using night float and/or making adjustments to the frequency of in-house call to ensure compliance with the 80-hour maximum weekly limit.

Oversight

With increased flexibility introduced into the Requirements, programs permitting this flexibility will need to account for the potential for fellows to remain beyond their assigned work periods when developing schedules, to avoid exceeding the 80-hour maximum weekly limit, averaged over four weeks. The ACGME Review Committees will strictly monitor and enforce compliance with the 80-hour requirement. Where violations of the 80-hour requirement are identified, programs will be subject to citation and at risk for an adverse accreditation action.

Work from Home

While the requirement specifies that clinical work done from home must be counted toward the 80-hour maximum weekly limit, the expectation remains that scheduling be structured so that fellows are able to complete most work on site during scheduled clinical work hours without requiring them to take work home. The new requirements acknowledge the changing landscape of medicine, including electronic health records, and the resulting increase in the amount of work fellows choose to do from home. The requirement provides flexibility for fellows to do this while ensuring that the time spent by fellows completing clinical work from home is accomplished within the 80-hour weekly maximum. Types of work from home that must be counted include using an electronic health record and taking calls from home. Reading done in preparation for the following day's cases, studying, and research done from home do not count toward the 80 hours. Fellow decisions to leave the hospital before their clinical work has been completed and to finish that work later from home should be made in consultation with the fellow's supervisor. In such circumstances, fellows should be mindful of their professional responsibility to complete work in a timely manner and to maintain patient confidentiality.

During the public comment period many individuals raised questions and concerns related to this change. Some questioned whether minute by minute tracking would be

required; in other words, if a fellow spends three minutes on a phone call and then a few hours later spends two minutes on another call, will the fellow need to report that time. Others raised concerns related to the ability of programs and institutions to verify the accuracy of the information reported by fellows. The new requirements are not an attempt to micromanage this process. Fellows are to track the time they spend on clinical work from home and to report that time to the program. Decisions regarding whether to report infrequent phone calls of very short duration will be left to the individual fellow. Programs will need to factor in time fellows are spending on clinical work at home when schedules are developed to ensure that fellows are not working in excess of 80 hours per week, averaged over four weeks. There is no requirement that programs assume responsibility for documenting this time. Rather, the program's responsibility is ensuring that fellows report their time from home and that schedules are structured to ensure that fellows are not working in excess of 80 hours per week, averaged over four weeks.

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VI.F.2. Mandatory Time Free of Clinical Work and Education

VI.F.2.a) The program must design an effective program structure that is configured to provide fellows with educational opportunities, as well as reasonable opportunities for rest and personal well-being. ^(Core)

VI.F.2.b) Fellows should have eight hours off between scheduled clinical work and education periods. ^(Detail)

VI.F.2.b).(1) There may be circumstances when fellows choose to stay to care for their patients or return to the hospital with fewer than eight hours free of clinical experience and education. This must occur within the context of the 80-hour and the one-day-off-in-seven requirements. ^(Detail)

Background and Intent: While it is expected that fellow schedules will be structured to ensure that fellows are provided with a minimum of eight hours off between scheduled work periods, it is recognized that fellows may choose to remain beyond their scheduled time, or return to the clinical site during this time-off period, to care for a patient. The requirement preserves the flexibility for fellows to make those choices. It is also noted that the 80-hour weekly limit (averaged over four weeks) is a deterrent for scheduling fewer than eight hours off between clinical and education work periods, as it would be difficult for a program to design a schedule that provides fewer than eight hours off without violating the 80-hour rule.

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VI.F.2.c) Fellows must have at least 14 hours free of clinical work and education after 24 hours of in-house call. ^(Core)

Background and Intent: Fellows have a responsibility to return to work rested, and thus are expected to use this time away from work to get adequate rest. In support of this goal, fellows are encouraged to prioritize sleep over other discretionary activities.

1864

1865 VI.F.2.d) Fellows must be scheduled for a minimum of one day in
1866 seven free of clinical work and required education (when
1867 averaged over four weeks). At-home call cannot be assigned
1868 on these free days. ^(Core)
1869

Background and Intent: The requirement provides flexibility for programs to distribute days off in a manner that meets program and fellow needs. It is strongly recommended that fellows' preference regarding how their days off are distributed be considered as schedules are developed. It is desirable that days off be distributed throughout the month, but some fellows may prefer to group their days off to have a "golden weekend," meaning a consecutive Saturday and Sunday free from work. The requirement for one free day in seven should not be interpreted as precluding a golden weekend. Where feasible, schedules may be designed to provide fellows with a weekend, or two consecutive days, free of work. The applicable Review Committee will evaluate the number of consecutive days of work and determine whether they meet educational objectives. Programs are encouraged to distribute days off in a fashion that optimizes fellow well-being, and educational and personal goals. It is noted that a day off is defined in the ACGME Glossary of Terms as "one (1) continuous 24-hour period free from all administrative, clinical, and educational activities."

1870
1871 VI.F.3. Maximum Clinical Work and Education Period Length
1872

1873 VI.F.3.a) Clinical and educational work periods for fellows must not
1874 exceed 24 hours of continuous scheduled clinical
1875 assignments. ^(Core)
1876

1877 VI.F.3.a).(1) Up to four hours of additional time may be used for
1878 activities related to patient safety, such as providing
1879 effective transitions of care, and/or fellow education.
1880 ^(Core)
1881

1882 VI.F.3.a).(1).(a) Additional patient care responsibilities must not
1883 be assigned to a fellow during this time. ^(Core)
1884

Background and Intent: The additional time referenced in VI.F.3.a).(1) should not be used for the care of new patients. It is essential that the fellow continue to function as a member of the team in an environment where other members of the team can assess fellow fatigue, and that supervision for post-call fellows is provided. This 24 hours and up to an additional four hours must occur within the context of 80-hour weekly limit, averaged over four weeks.

1885
1886 VI.F.4. Clinical and Educational Work Hour Exceptions
1887

1888 VI.F.4.a) In rare circumstances, after handing off all other
1889 responsibilities, a fellow, on their own initiative, may elect to
1890 remain or return to the clinical site in the following
1891 circumstances:

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1893 VI.F.4.a).(1) to continue to provide care to a single severely ill or
1894 unstable patient; ^(Detail)

- 1895
 1896 VI.F.4.a).(2) humanistic attention to the needs of a patient or
 1897 family; or, ^(Detail)
 1898
 1899 VI.F.4.a).(3) to attend unique educational events. ^(Detail)
 1900
 1901 VI.F.4.b) These additional hours of care or education will be counted
 1902 toward the 80-hour weekly limit. ^(Detail)
 1903

Background and Intent: This requirement is intended to provide fellows with some control over their schedules by providing the flexibility to voluntarily remain beyond the scheduled responsibilities under the circumstances described above. It is important to note that a fellow may remain to attend a conference, or return for a conference later in the day, only if the decision is made voluntarily. Fellows must not be required to stay. Programs allowing fellows to remain or return beyond the scheduled work and clinical education period must ensure that the decision to remain is initiated by the fellow and that fellows are not coerced. This additional time must be counted toward the 80-hour maximum weekly limit.

- 1904
 1905 VI.F.4.c) A Review Committee may grant rotation-specific exceptions
 1906 for up to 10 percent or a maximum of 88 clinical and
 1907 educational work hours to individual programs based on a
 1908 sound educational rationale.
 1909
 1910 The Review Committee for Pediatrics will not consider requests
 1911 for exceptions to the 80-hour limit to the fellows' work week.
 1912
 1913 VI.F.4.c).(1) In preparing a request for an exception, the program
 1914 director must follow the clinical and educational work
 1915 hour exception policy from the *ACGME Manual of*
 1916 *Policies and Procedures.* ^(Core)
 1917
 1918 VI.F.4.c).(2) Prior to submitting the request to the Review
 1919 Committee, the program director must obtain approval
 1920 from the Sponsoring Institution's GMEC and DIO. ^(Core)
 1921

Background and Intent: The provision for exceptions for up to 88 hours per week has been modified to specify that exceptions may be granted for specific rotations if the program can justify the increase based on criteria specified by the Review Committee. As in the past, Review Committees may opt not to permit exceptions. The underlying philosophy for this requirement is that while it is expected that all fellows should be able to train within an 80-hour work week, it is recognized that some programs may include rotations with alternate structures based on the nature of the specialty. DIO/GMEC approval is required before the request will be considered by the Review Committee.

- 1922
 1923 VI.F.5. Moonlighting
 1924
 1925 VI.F.5.a) Moonlighting must not interfere with the ability of the fellow
 1926 to achieve the goals and objectives of the educational

1927 program, and must not interfere with the fellow's fitness for
1928 work nor compromise patient safety. ^(Core)

1929
1930 **VI.F.5.b)** Time spent by fellows in internal and external moonlighting
1931 (as defined in the ACGME Glossary of Terms) must be
1932 counted toward the 80-hour maximum weekly limit. ^(Core)
1933

Background and Intent: For additional clarification of the expectations related to moonlighting, please refer to the Common Program Requirement FAQs (available at <http://www.acgme.org/What-We-Do/Accreditation/Common-Program-Requirements>).

1934
1935 **VI.F.6.** In-House Night Float
1936
1937 Night float must occur within the context of the 80-hour and one-
1938 day-off-in-seven requirements. ^(Core)
1939

Background and Intent: The requirement for no more than six consecutive nights of night float was removed to provide programs with increased flexibility in scheduling.

1940
1941 **VI.F.7.** Maximum In-House On-Call Frequency
1942
1943 Fellows must be scheduled for in-house call no more frequently than
1944 every third night (when averaged over a four-week period). ^(Core)
1945

1946 **VI.F.8.** At-Home Call

1947
1948 **VI.F.8.a)** Time spent on patient care activities by fellows on at-home
1949 call must count toward the 80-hour maximum weekly limit.
1950 The frequency of at-home call is not subject to the every-
1951 third-night limitation, but must satisfy the requirement for one
1952 day in seven free of clinical work and education, when
1953 averaged over four weeks. ^(Core)
1954

1955 **VI.F.8.a).(1)** At-home call must not be so frequent or taxing as to
1956 preclude rest or reasonable personal time for each
1957 fellow. ^(Core)
1958

1959 **VI.F.8.b)** Fellows are permitted to return to the hospital while on at-
1960 home call to provide direct care for new or established
1961 patients. These hours of inpatient patient care must be
1962 included in the 80-hour maximum weekly limit. ^(Detail)
1963

Background and Intent: This requirement has been modified to specify that clinical work done from home when a fellow is taking at-home call must count toward the 80-hour maximum weekly limit. This change acknowledges the often significant amount of time fellows devote to clinical activities when taking at-home call, and ensures that taking at-home call does not result in fellows routinely working more than 80 hours per week. At-home call activities that must be counted include responding to phone calls and other forms of communication, as well as documentation, such as entering notes in an

electronic health record. Activities such as reading about the next day's case, studying, or research activities do not count toward the 80-hour weekly limit.

In their evaluation of fellowship programs, Review Committees will look at the overall impact of at-home call on fellow rest and personal time.

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***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 and sponsoring institutions 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.

Osteopathic Recognition

For programs with or applying for Osteopathic Recognition, the Osteopathic Recognition Requirements also apply (www.acgme.org/OsteopathicRecognition).