

ACGME International

Advanced Specialty Program Requirements for Graduate Medical Education in Cardiovascular Disease Residency

Initial Approval:

ACG	ME International Specialty Program Requirements for Graduate Medical Education in Cardiovascular Disease Residency
Int. In	troduction
6	Background and Intent: Programs must achieve and maintain Foundational Accreditation according to the ACGME-I Foundational Requirements prior to receiving Advanced Specialty Accreditation. The Advanced Specialty Requirements noted below complement the ACGME-I Foundational Requirements. For each section, the Advanced Specialty Requirements should be considered together with the Foundational Requirements.
Int. I. De	efinition and Scope of the Specialty
	A residency in cardiovascular disease focuses on prevention, diagnosis, and management of disorders of the cardiovascular system. In the residency model, cardiovascular education and training begin after a foundational phase in clinical internal medicine.
Int. II. Du	uration of Education
Int. II.A.	The educational program in cardiovascular disease must be 48 to 60 months in length.
I. I	nstitution
I.A.	Sponsoring Institution
	See International Foundational Requirements, Section I.A.
I.B.	Participating Sites
I.B.1.	A residency in internal medicine or a transitional year must be available at the primary clinical site or at a participating site that provides a required rotation for the cardiovascular disease program.
II. Pr	ogram Personnel and Resources
II.A.	Program Director
II.A.1.	See International Foundational Requirements, Section II.A.
II.B.	Faculty
II.B.1.	In addition to the program director, there must be an associate program director who is an internal medicine physician and who is responsible for the oversight of the internal medicine-related clinical educational experience.
II.B.2.	Faculty members with expertise in the following subspecialty areas of cardiology must function on an ongoing basis to provide education and as integral parts of the clinical components of the program in both inpatient

52 53		and outpatient settings:
54 55	II.B.2.a)	critical care cardiology;
56 57	II.B.2.b)	electrophysiology;
58 59	II.B.2.c)	heart failure;
60 61	II.B.2.d)	interventional cardiology; and,
62	II.B.2.e)	multimodality imaging.
63 64 65 66	II.B.3.	An expert in adult congenital cardiology should be available for consultation and patient care.
67 68	II.C.	Other Program Personnel
69 70 71 72	II.C.1.	Residents must have regular interaction with electrophysiologists and cardiac surgeons, such as at catheterization conferences, in patient care planning, and/or through remote technology.
73 74 75	II.C.2.	The following personnel must be available to provide multidisciplinary patient care and education:
76 77	II.C.2.a)	dietitians;
78 79	II.C.2.b)	language interpreters;
80 81	II.C.2.c)	nurses;
82 83	II.C.2.d)	occupational therapists;
84 85	II.C.2.e)	physical therapists; and,
86 87	II.C.2.f)	social workers.
88 89	II.D.	Resources
90 91 92 93	II.D.1.	The following must be present at the primary clinical site or at a participating site that provides required clinical experiences for the cardiovascular disease program:
94 95	II.D.1.a)	a cardiac intensive care unit; and,
96 97	II.D.1.b)	an active cardiac surgery program.
98 99 100 101	II.D.2.	The following laboratory services must be present at the primary clinical site or at a participating site that provides a required rotation for the cardiovascular disease program:
102 103 104	II.D.2.a)	cardiac catheterization laboratories, including cardiac hemodynamics and a full range of interventional cardiology;

105 106 107 108 109 110 111 112 113 114	II.D.2.	cardiac radiology laboratory, including magnetic resonance imaging (MRI) and computed tomography (CT);	
	II.D.2.	cardiac radionuclide laboratories;	
	II.D.2.	echocardiography laboratories, including Doppler and transesophageal echocardiography;	
	II.D.2.	electrocardiogram (ECG), ambulatory ECG, and exercise testing laboratories;	
115 116	II.D.2.	electrophysiology laboratories; and,	
117 118	II.D.2.) a non-invasive vascular laboratory.	
119 120	III.	Resident Appointment	
121 122	III.A.	Eligibility Criteria	
123 124		See International Foundational Requirements, Section III.A.	
125 126	III.B.	Number of Residents	
127 128 129	III.C	See International Foundational Requirements, Section III.B. Resident Transfers	
130 131		See International Foundational Requirements, Section III.C.	
132 133	III.D.	Appointment of Fellows and Other Learners	
134 135		See International Foundational Requirements, Section III.D.	
136 137	IV.	Specialty-Specific Educational Program	
138 139	IV.A.	ACGME-I Competencies	
140 141	IV.A.1	The program must integrate the following ACGME-I Competencies into the curriculum.	
142 143 144 145 146 147 148 149 150 151 152	IV.A.1	a) Professionalism	
	IV.A.1	Residents must demonstrate a commitment to professionalism and an adherence to ethical principles. Residents must demonstrate:	
	IV.A.1	a).(1).(a) compassion, integrity, and respect for others;	
	IV.A.1	responsiveness to patient needs that supersedes self-interest;	
153 154	IV.A.1	a).(1).(c) respect for patient privacy and autonomy;	
155 156	IV.A.1	a).(1).(d) accountability to patients, society, and the	

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157		profession;
158 159 160 161 162	IV.A.1.a).(1).(e)	sensitivity and responsiveness to a diverse patient population, including to diversity in gender, age, culture, race, religion, disabilities, and sexual orientation;
163 164 165	IV.A.1.a).(1).(f)	ability to recognize and develop a plan for one's own personal and professional well-being; and,
166 167 168	IV.A.1.a).(1).(g)	commitment to professionalism and an adherence to ethical principles.
169 170	IV.A.1.b)	Patient Care and Procedural Skills
171 172 173 174	IV.A.1.b).(1)	Residents must provide patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health. Residents must demonstrate competence in:
175 176 177 178 179 180 181 182 183	IV.A.1.b).(1).(a)	a variety of roles within a health system with progressive responsibility, including serving as the direct provider, the leader or member of an interprofessional or multi-disciplinary team of providers, as a consultant to other physicians, and as a teacher to patients, patients' families, and other health care workers;
184 185 186	IV.A.1.b).(1).(b)	the prevention, counseling, detection, and diagnosis and treatment of adult cardiovascular diseases;
187 188 189 190	IV.A.1.b).(1).(c)	managing patients in a variety of health care settings, including inpatient and various ambulatory settings, to include the emergency setting;
191 192 193	IV.A.1.b).(1).(d)	managing patients across the spectrum of clinical disorders seen in the practice of general internal medicine;
194 195 196 197	IV.A.1.b).(1).(e)	using clinical skills of interviewing and physical examination;
198 199	IV.A.1.b).(1).(f)	using the laboratory and imaging techniques appropriately;
200 201 202	IV.A.1.b).(1).(g)	providing care for a sufficient number of undifferentiated acutely and severely ill patients;
203 204	IV.A.1.b).(1).(h)	using critical thinking and evidence-based tools;
205 206 207	IV.A.1.b).(1).(i)	using population-based data; and,
208 209	IV.A.1.b).(1).(j)	providing care for patients with whom they have limited or no physical contact, through the use of

210		telemedicine.
211 212 213 214 215 216 217	IV.A.1.b).(2).	Residents must demonstrate competence in prevention, evaluation, and management of:
	IV.A.1.b).(2).(a)	acute myocardial infarction and other acute coronary syndromes;
218 219	IV.A.1.b).(2).(b)	adult congenital heart disease;
220 221	IV.A.1.b).(2).(c)	arrhythmias;
222 223	IV.A.1.b).(2).(d)	cardiomyopathy;
224 225 226	IV.A.1.b).(2).(e)	cardiovascular evaluation of patients undergoing non-cardiac surgery;
227 228	IV.A.1.b).(2).(f)	congestive heart failure;
229	IV.A.1.b).(2).(g)	coronary heart disease, including:
230	IV.A.1.b).(2).(g).(i)	acute coronary syndromes; and,
231 232	IV.A.1.b).(2).(g).(ii)	chronic coronary artery disease.
232 233 234	IV.A.1.b).(2).(h)	diseases of the aorta;
235 236	IV.A.1.b).(2).(i)	heart disease in pregnancy;
237 238	IV.A.1.b).(2).(j)	hypertension;
239 240	IV.A.1.b).(2).(k)	infectious and inflammatory heart disease;
240 241 242	IV.A.1.b).(2).(I)	lipid disorders and metabolic syndrome;
242 243 244	IV.A.1.b).(2).(m)	need for end-of-life (palliative) care;
245 246	IV.A.1.b).(2).(n)	pericardial disease;
247 248	IV.A.1.b).(2).(o)	peripheral vascular disease;
249 250	IV.A.1.b).(2).(p)	pulmonary hypertension;
251 252	IV.A.1.b).(2).(q)	thromboembolic disorders; and,
253	IV.A.1.b).(2).(r)	valvular heart disease.
254 255 256 257	IV.A.1.b).(3).	Residents must be able to perform all medical, diagnostic, and surgical procedures considered essential for the prevention and treatment of cardiovascular disease, including:
258 259	IV.A.1. b).(3).(a)	conscious sedation;

260 261	IV.A.1.b).(3).(b)	direct cardioversion or defibrillation;
262	IV.A.1.b).(3).(c)	echocardiography;
263 264	IV.A.1.b).(3).(d)	ECG stress testing;
265 266 267 268	IV.A.1.b).(3).(e)	right and left heart catheterization, to include coronary arteriography;
269 270 271 272	IV.A.1.b).(3).(f)	placement and management of temporary pacemakers, to include transvenous and transcutaneous; and,
272 273 274 275 276	IV.A.1.b).(3).(g)	programming and follow-up surveillance of permanent pacemakers and implantable cardioverter defibrillators (ICD).
277 278 279 280	IV.A.1. b).(4).	Residents must treat each patient's conditions with practices that are patient-centered, safe, scientifically based, effective, timely, and cost-effective.
281 282 283	IV.A.1. b).(5).	Residents must use diagnostic and/or imaging studies relevant to the care of the patient, including interpretation of:
284 285	IV.A.1.b).(3).(a)	ambulatory ECG recordings;
286 287	IV.A.1.b).(3).(b)	chest x-rays;
288 289	IV.A.1.b).(3).(c)	electrocardiograms; and,
290 291 292	IV.A.1.b).(3).(d)	nuclear cardiology, to include single-photon emission computerized tomography (SPECT) myocardial perfusion imaging and ventriculograms.
293 294	IV.A.1.c)	Medical Knowledge
295 296 297 298 299 300 301	IV.A.1.c).(1)	Residents must demonstrate knowledge of established and evolving biomedical, clinical, epidemiological, and social-behavioral sciences, as well as the application of this knowledge to patient care. Fellows must demonstrate knowledge of:
302 303 304	IV.A.1.c).(1).(a)	the scientific method of problem solving and evidence-based decision-making;
305 306 307 308 309 310	IV.A.1.c).(1).(b)	indications, contraindications, and techniques for, and limitations, complications, and interpretation of results of those diagnostic and therapeutic procedures integral to the discipline, including the appropriate indications for and use of screening tests and procedures;
311 312	IV.A.1.c).(1).(c)	evaluating patients with an undiagnosed and

313		undifferentiated presentation;
314 315 316 317	IV.A.1.c).(1).(d)	recognizing and providing initial management of emergency medical problems;
318	IV.A.1.c).(1).(e)	the following content areas of basic science:
319	IV.A.1.c).(1).(e).(i)	cardiovascular anatomy;
320	IV.A.1.c).(1).(e).(ii)	cardiovascular metabolism;
321 322	IV.A.1.c).(1).(e).(iii)	cardiovascular pathology;
323 324 325 326 327 328 329	IV.A.1.c).(1).(e).(iv)	cardiovascular pharmacology, including drug metabolism, adverse effects, indications, the effects on aging, relative costs of therapy, and the effects of non-cardiovascular drugs on cardiovascular function;
330 331	IV.A.1.c).(1).(e).(v)	cardiovascular physiology;
332 333	IV.A.1.c).(1).(e).(vi)	genetic causes of cardiovascular disease; and,
334 335	IV.A.1.c).(1).(e).(vii)	molecular biology of the cardiovascular system.
336 337 338	IV.A.1.c).(1).(f)	primary and secondary prevention of cardiovascular disease, including:
339 340 341	IV.A.1.c).(1).(f).(i)	biostatistics;
342 343	IV.A.1.c).(1).(f).(ii)	cardiac rehabilitation;
344 345	IV.A.1.c).(1).(f).(iii)	cerebrovascular disease;
346 347	IV.A.1.c).(1).(f).(iv)	clinical epidemiology; and,
348	IV.A.1.c).(1).(f).(v)	current and emerging risk factors.
349	IV.A.1.c).(1).(g)	evaluation and management of patients with:
350	IV.A.1.c).(1).(g).(i)	adult congenital heart disease;
351	IV.A.1.c).(1).(g).(ii)	cardiac trauma;
352 353	IV.A.1.c).(1).(g).(iii)	cardiac tumors;
354 355	IV.A.1.c).(1).(g).(iv)	cerebrovascular disease; and,
355 356	IV.A.1.c).(1).(g).(v)	geriatric cardiology.
357 358 359	IV.A.1.c).(2)	Residents must demonstrate sufficient knowledge specific to cardiology including application of technology

360 361 362		appropriate for the clinical context, including evolving technologies.
363 364	IV.A.1.d)	Practice-Based Learning and Improvement
365 366 367 368 369 370 371	IV.A.1.d).(1)	Residents must demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and lifelong learning. Residents are expected to develop skills and habits to be able to meet the following goals:
372 373 374	IV.A.1.d).(1).(a)	identify strengths, deficiencies, and limits in one's knowledge and expertise;
375 376	IV.A.1.d).(1).(b)	identify and perform appropriate learning activities;
377 378 379	IV.A.1.d).(1).(c)	incorporate feedback and formative evaluation into daily practice;
380 381 382 383	IV.A.1.d).(1).(d)	locate, appraise, and assimilate evidence from scientific studies related to their patients' health problems;
384 385	IV.A.1.d).(1).(e)	set learning and improvement goals;
386 387 388 389	IV.A.1.d).(1).(f)	systematically analyze practice using quality improvement methods, and implement changes with the goal of practice improvement; and,
390	IV.A.1.d).(1).(g)	use information technology to optimize learning.
391	IV.A.1.e)	Interpersonal and Communication Skills
392 393 394 395 396	IV.A.1.e).(1)	Residents must demonstrate interpersonal and communication skills that result in the effective exchange of information and collaboration with patients, patients' families, and health professionals.
397 398 399 400 401 402 403 404	IV.A.1.e).(1).(a)	communicate effectively with patients, patients' families, and the public, as appropriate, across a broad range of socioeconomic and cultural backgrounds;
	IV.A.1.e).(1).(b)	communicate effectively with physicians, other health professionals, and health-related agencies;
405 406 407	IV.A.1.e).(1).(c)	work effectively as a member or leader of a health care team or other professional group;
408 409 410	IV.A.1.e).(1).(d)	educate patients, patients' families, students, other residents, and other health professionals;

411 412 413	IV.A.1.e).(1).(e)	act in a consultative role to other physicians and health professionals;
414 415 416	IV.A.1.e).(1).(f)	maintain comprehensive, timely, and legible medical records; and,
417 418 419 420	IV.A.1.e).(1).(g)	communicate with patients and patients' families to partner with them to assess their care goals, including, when appropriate, end-of-life goals.
421	IV.A.1.f)	Systems-Based Practice
422 423 424 425 426 427	IV.A.1.f).(1)	Residents must demonstrate an awareness of and responsiveness to the larger context and system of health care, including the social determinates of health, as well as the ability to call effectively on other resources in the system to produce optimal care. Residents must:
428 429 430 431	IV.A.1.f).(1).(a)	advocate for quality patient care and optimal patient care systems;
432 433 434	IV.A.1.f).(1).(b)	coordinate patient care across the health care continuum as relevant to their clinical specialty;
435 436 437 438	IV.A.1.f).(1).(c)	incorporate considerations of value, cost awareness, and risk-benefit analysis in patient and/or population-based care as appropriate;
439 440 441	IV.A.1.f).(1).(d)	participate in identifying system errors and implementing potential systems solutions;
442 443 444	IV.A.1.f).(1).(e)	understand health care finances and their impact on individual patients' health decisions;
445 446 447 448	IV.A.1.f).(1).(f)	work effectively in various health care delivery settings and systems relevant to their clinical specialty; and,
449 450 451	IV.A.1.f).(1).(g)	work in inter-professional teams to enhance patient safety and improve patient care quality.
452 453	IV.B. Reg	ularly Scheduled Educational Activities
454 455 456	IV.B.1.	The educational program must include didactic instruction based upon the core knowledge content in internal medicine and cardiovascular disease.
457 458 459 460	IV.B.1.a)	The program must ensure that residents have an opportunity to review all knowledge content from conferences that they could not attend.
461 462 463	IV.B.2.	Residents must have a sufficient number of didactic sessions to ensure resident-to-resident and resident-to-faculty member interaction.

464 465 466 467 468	IV.B.3.	Patient-based teaching must include direct interaction between residents and attending physicians, bedside teaching, discussion of pathophysiology, and the use of current evidence in diagnostic and therapeutic decisions. Teaching must be:
469 470	IV.B.3.a)	formally conducted on all inpatient and consultative services; and,
471 472 473 474	IV.B.3.b)	conducted with a frequency and duration sufficient to ensure a meaningful and continuous teaching relationship between the assigned teaching attending physician and the resident.
475 476	IV.C.	Clinical Experiences
477 478 479 480 481	IV.C.1.	Assignment of rotations must be structured to minimize the frequency of rotational transitions, and rotations must be of sufficient length to provide a quality educational experience, defined by continuity of patient care, ongoing supervision, longitudinal relationships with faculty members, and meaningful assessment and feedback.
482 483 484 485 486	IV.C.2.	Rotations must be structured to allow residents to function as a part of an effective interprofessional team that works together toward the shared goals of patient safety and quality improvement.
487 488 489	IV.C.3.	Rotations must be structured to minimize conflicting inpatient and outpatient responsibilities.
490 491 492 493	IV.C.4.	At least 12 months of the program must be in educational experiences that reflect the practice of internal medicine in the country or jurisdiction, to include:
494 495	IV.C.4.a)	two months of critical care medicine;
496 497	IV.C.4.b)	six months of general internal medicine other than cardiology; and,
498 499	IV.C.4.c)	two months each in any two of the following subspecialties:
500 501	IV.C.4.c).(1)	endocrinology;
502 503	IV.C.4.c).(2)	nephrology;
504 505	IV.C.4.c).(3)	neurology; and,
506 507	IV.C.4.c).(4)	pulmonology.
508 509	IV.C.4.d)	experiences in both the inpatient and outpatient settings.
510 511 512	IV.C.5.	Residents must have at least 36 months of clinical experience in cardiology, including inpatient and special experiences, to include:
513 514	IV.C.5.a)	at least four months in the cardiac catheterization laboratory;
515 516	IV.C.5.b)	at least six months in non-invasive cardiac evaluations, consisting of:

517	IV.C.5.b).(1)	at least three months of echocardiography and Doppler;
518	, , ,	
519 520 521 522	IV.C.5.b).(2)	at least two months of nuclear cardiology, including each fellow's active participation in a minimum of 80 hours of daily nuclear cardiology study interpretation during the rotation;
523 524 525 526 527	IV.C.5.b).(3)	at least one month of experience in other non-invasive cardiac evaluations, including ECG stress testing, ECG interpretation, and ambulatory ECG monitoring (continuous and event recording); and,
528 529 530	IV.C.5.b).(3).(a)	These rotations may be done concurrently with other rotations.
531 532 533 534	IV.C.5.b).(4)	experience in cardiac tomography, positron emission tomography (PET), cardiac magnetic resonance imaging (CMRI), and peripheral vascular imaging.
535 536 537	IV.C.5.b).(4).(a)	These rotations may be done concurrently with other rotations.
538 539	IV.C.5.c)	at least two months devoted to electrophysiology; and,
540 541 542 543	IV.C.5.d)	at least nine months of non-laboratory clinical practice activities, including consultations, cardiac care units, post-operative care, and experience in congenital heart disease, preventive cardiology, and vascular medicine.
544		
545 546 547 548 549	IV.C.6.	Residents must have formal instruction in and clinical experience with performance of procedures and technical skills relevant to their future practice and as performed by cardiologists in the country or jurisdiction, including:
546 547 548 549 550	IV.C.6.	performance of procedures and technical skills relevant to their future practice and as performed by cardiologists in the country or jurisdiction,
546 547 548 549 550 551 552		performance of procedures and technical skills relevant to their future practice and as performed by cardiologists in the country or jurisdiction, including:
546 547 548 549 550 551 552 553 554	IV.C.6.a)	performance of procedures and technical skills relevant to their future practice and as performed by cardiologists in the country or jurisdiction, including: conscious sedation;
546 547 548 549 550 551 552 553 554 555 556	IV.C.6.a) IV.C.6.b)	performance of procedures and technical skills relevant to their future practice and as performed by cardiologists in the country or jurisdiction, including: conscious sedation; intra-aortic balloon counterpulsation;
546 547 548 549 550 551 552 553 554 555 556 557 558 559	IV.C.6.a) IV.C.6.b) IV.C.6.c)	performance of procedures and technical skills relevant to their future practice and as performed by cardiologists in the country or jurisdiction, including: conscious sedation; intra-aortic balloon counterpulsation; intra-cardiac electrophysiologic studies;
546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561	IV.C.6.a) IV.C.6.b) IV.C.6.c) IV.C.6.d)	performance of procedures and technical skills relevant to their future practice and as performed by cardiologists in the country or jurisdiction, including: conscious sedation; intra-aortic balloon counterpulsation; intra-cardiac electrophysiologic studies; MRI; percutaneous transluminal coronary angioplasty and other
546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564	IV.C.6.a) IV.C.6.b) IV.C.6.c) IV.C.6.d) IV.C.6.e)	performance of procedures and technical skills relevant to their future practice and as performed by cardiologists in the country or jurisdiction, including: conscious sedation; intra-aortic balloon counterpulsation; intra-cardiac electrophysiologic studies; MRI; percutaneous transluminal coronary angioplasty and other interventional procedures;
546 547 548 549 550 551 552 553 554 555 556 557 558 560 561 562 563 564 565 566 567	IV.C.6.a) IV.C.6.b) IV.C.6.c) IV.C.6.d) IV.C.6.e)	performance of procedures and technical skills relevant to their future practice and as performed by cardiologists in the country or jurisdiction, including: conscious sedation; intra-aortic balloon counterpulsation; intra-cardiac electrophysiologic studies; MRI; percutaneous transluminal coronary angioplasty and other interventional procedures; pericardiocentesis; placement and management of temporary pacemakers, including
546 547 548 549 550 551 552 553 554 555 556 557 558 560 561 562 563 564 565 566	IV.C.6.a) IV.C.6.b) IV.C.6.c) IV.C.6.d) IV.C.6.e) IV.C.6.e)	performance of procedures and technical skills relevant to their future practice and as performed by cardiologists in the country or jurisdiction, including: conscious sedation; intra-aortic balloon counterpulsation; intra-cardiac electrophysiologic studies; MRI; percutaneous transluminal coronary angioplasty and other interventional procedures; pericardiocentesis; placement and management of temporary pacemakers, including transvenous and transcutaneous; and, programming and follow-up surveillance of permanent pacemakers

570 571		that allow residents to interact with and learn from other health care professionals.
572 573 574	IV.C.8.	The educational program must provide residents with elective experiences relevant to their future practice or to further skill/competence development.
575 576 577	IV.C.9.	Residents must have experience in the role of a cardiology consultant in the inpatient and outpatient setting.
578 579	IV.C.10.	Residents should participate in training using simulation.
580 581 582 583	IV.C.11.	Residents should have a structured continuity ambulatory clinic experience for the duration of the program that exposes them to the breadth and depth of cardiology.
584 585	IV.C.11.a)	This experience should average one half-day each week throughout the educational program.
586 587 588	IV.C.11.b).	The continuing patient care experience should not be interrupted by more than one month, excluding vacation.
589 590 591	IV.D. Sch	nolarly Activity
592 593	IV.D.1.	Residents' Scholarly Activity
594 595 596 597 598 599 600 601	IV.D.1.a)	All residents must engage in at least one of the following scholarly activities: participation in grand rounds; posters; workshops; quality improvement presentations; podium presentations; grant leadership; non-peer-reviewed print/electronic resources; articles or publications; book chapters; textbooks; webinars; service on professional committees; or serving as a journal reviewer, journal editorial board member, or editor.
602 603	IV.D.2.	Faculty Scholarly Activity
604 605		See International Foundational Requirements, Section IV.D.2.
606 607	V. Evaluation	1
608 609 610	V.A.1.	At least one member of the general internal medicine faculty must be a member of the Clinical Competency Committee.
611 612	VI. The Learn	ing and Working Environment
613 614	VI.A. Pri	nciples
615 616	See	e International Foundational Requirements, Section VI.A.
617 618	VI.B. Pat	ient Safety
619 620	See	e International Foundational Requirements, Section VI.B.
621	VI.C. Qua	ality Improvement

622		
623		See International Foundational Requirements, Section VI.C.
624		
625	VI.D.	Supervision and Accountability
626 627 628 629	VI.D.1.	A first year resident must not provide primary ongoing care for more than 15 inpatients.
630 631 632 633 634 635	VI.D.2.	Second- or third-year residents or other appropriate supervisory physicians (e.g., subspecialty residents or attending physicians) with documented experience appropriate to the acuity, complexity, and severity of patient illness, must be available on site at all times to supervise first year residents.
636 637 638	VI.D.3.	Direct supervision of procedures performed by each resident must occur until competence has been acquired and documented by the program director.
639	VI.E.	Professionalism
640		
641		See International Foundational Requirements, Section VI.E.
642 643 644	VI.F.	Well-Being
645		See International Foundational Requirements, Section VI.F.
646 647 648	VI.G.	Fatigue
649 650		See International Foundational Requirements, Section VI.G.
651	VI.H.	Transitions of Care
652 653 654		See International Foundational Requirements, Section VI.H.
655	VI.I.	Clinical Experience and Education
656 657		See International Foundational Requirements, Section VI.I.
658 659	VI.J.	On-Call Activities
660 661 662 663 664	VI.J.1.	Residents must not be assigned more than two months of night float during any year of the educational program, or more than four months of night float over three years of the educational program.
665 666	VI.J.2.	Residents must not be assigned to more than one month of consecutive night float rotation.