

## **ACGME International**

Advanced Specialty Program Requirements for Graduate Medical Education in Pediatrics

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## ACGME International Specialty Program Requirements for Graduate Medical Education in Pediatrics

in Pediatrics 1 2 Introduction Int. 3 4 Background and Intent: Programs must achieve and maintain Foundational Accreditation according to the ACGME-I Foundational Requirements prior to receiving Advanced 5 6 Specialty Accreditation. The Advanced Specialty Requirements noted below 7 complement the ACGME-I Foundational Requirements. For each section, the Advanced 8 Specialty Requirements should be considered together with the Foundational 9 Requirements. 10 11 Int. I. **Definition and Scope of the Specialty** 12 13 Pediatrics encompasses the study and practice of physical and mental health 14 promotion, disease prevention, diagnoses, care, and treatment of infants, children 15 adolescents, and young adults during health and all stages of illness. Intrinsic to the discipline are scientific knowledge, the scientific model of problem solving, 16 evidence-based decision making, a commitment to lifelong learning, and an 17 18 attitude of caring derived from humanistic and professional values. 19 20 Int. II. **Duration of Education** 21 22 Int. II.A. The educational program in pediatrics must be 36 or 48 months in length. 23 24 I. Institution 25 26 I.A. **Sponsoring Institution** 27 28 See International Foundational Requirements, Section I.A. 29 30 I.B. **Participating Sites** 31 32 See International Foundational Requirements, Section I.B. 33 34 II. **Program Personnel and Resources** 35 36 II.A. **Program Director** 37 38 See International Foundational Requirements, Section II.A. 39 40 II.B. **Faculty** 41 42 II.B.1. There must be a core faculty member for each required educational 43 unit (four-week or one-month block, or longitudinal experience), a core-44 faculty member must bewho is responsible for curriculum development and for ensuring orientation, supervision, teaching of, and timely 45 46 feedback and evaluation to the residents.

47 48 49 50	II.B.2.	At least annually, program leaders and core faculty members must participate in faculty or leadership development relevant to their role in the program.
51 52 53 54 55	II.B.3.	All faculty members involved in the education of residents should participate in <u>faculty development</u> programs, <u>such as courses, mentoring, and/or workshops</u> , to enhance the effectiveness of their skills as educators, <del>based on their roles in the program</del> .
56 57 58 59	II.B.4.	There must be faculty members with expertise in general pediatrics who have ongoing responsibility for the care of general pediatric patients. These faculty members must:
60 61	II.B.4.a)	participate actively in formal teaching sessions; and,
62 63 64	II.B.4.b)	serve as attending physicians for inpatients, outpatients, and <u>/or</u> term newborns.
65 66 67 68 69 70	II.B.5.	Faculty members with subspecialty certification expertise in the following subspecialty areas of pediatrics must function on an ongoing basis as integral parts of the clinical and instructional components of the program in both inpatient and outpatient settings, including a faculty member in each of the following:
71	<del>II.B.5.a)</del>	adolescent medicine;
72 73	II.B.5.b)	developmental-behavioral pediatrics;
74 75 76	II.B.5.a)	neonatal-perinatal medicine;
77 78	II.B.5.b)	pediatric critical care;
79 80	II.B.5.c)	pediatric emergency medicine; and,
81 82	II.B.5.d)	at least five other distinct pediatric medical disciplines.
83 84 85 86	II.B.6.	At the primary clinical site, there must be at least one physician <u>from the following areas</u> available <u>when needed</u> for clinical consultation and teaching of residents who is certified in of the following areas:
87 88	II.B.6.a)	diagnostic radiology;
89 90	II.B.6.b)	pathology; and,
91	II.B.6.c)	surgery.
92 93 94 95 96	II.B.7.	Faculty members must maintain awareness of and respond to patient volumes and acuity as they affect the workload and well-being of the residents, and the safety of the patients.
97 98 99	II.B.8.	Faculty members with expertise in adolescent medicine and developmental-behavioral pediatrics should be available for education and consultation.

100 101	II.C.	Other Program Personnel		
102 103				
104		See International Foundational Requirements, Section II.C.		
105 106	II.D.	Resources		
107 108 109 110 111 112 113 114	II.D.1.	The program must have an intensive care facility that is appropriately equipped and staffed for the care of a sufficient number of critically ill pediatric patients.		
	II.D.2.	There must be an emergency facility that specializes in the care of pediatric patients and that receives pediatric patients who have been transported via the Emergency Medical Services system, if it is available in the country or jurisdiction.		
115 116 117 118 119	II.D.3.	There must be a sufficient number of patients being treated in the intensive care unit to support the required experiences for the number of residents in the program.		
120	III. Resid	dent Appointment		
121 122 123	III.A.	Eligibility Criteria		
124 125		See International Foundational Requirements, Section III.A.		
126 127	III.B.	Number of Residents		
127 128 129 130 131	III.B.1.	There should be at least four residents at each level of education.		
	III.B.2.	Resident attrition must not have a negative impact on the stability of the educational environment.		
132 133	III.C.	Resident Transfers		
134	III.G.			
135 136		See International Foundational Requirements, Section III.C.		
137 138	III.D.	Appointment of Fellows and Other Learners		
139		See International Foundational Requirements, Section III.D.		
140 141	IV. Spec	/. Specialty-Specific Educational Program		
142 143	IV.A.	ACGME-I Competencies		
144 145 146	IV.A.1.	The program must integrate the following ACGME-I Competencies into the curriculum.		
147 148	IV.A.1.a)	Professionalism		
149 150 151 152	IV.A.1.a).(1)	Residents must demonstrate a commitment to professionalism and an adherence to ethical principles. Residents must demonstrate:		

153 154 155	IV.A.1.a).(1).(a)	compassion, integrity, and respect for others;
156 157	IV.A.1.a).(1).(b)	responsiveness to patient needs that supersedes self-interest;
158 159	IV.A.1.a).(1).(c)	respect for patient privacy and autonomy;
160 161 162	IV.A.1.a).(1).(d)	accountability to patients, society, and the profession;
163 164 165 166 167	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;
168 169 170 171 172	IV.A.1.a).(1).(f)	a commitment to engage in personal and professional development that will sustain them in balancing a commitment to their profession with a healthy and productive personal life, including:
173 174 175 176	IV.A.1.a).(1).(f).(i)	self-awareness of one's own knowledge, skill, and emotional limitations that leads to appropriate help-seeking behaviors;
177 178	IV.A.1.a).(1).(f).(ii)	healthy responses to stressors;
179 180 181	IV.A.1.a).(1).(f).(iii)	manage conflict between one's personal and professional responsibilities;
182 183 184 185	IV.A.1.a).(1).(f).(iv)	flexibility and maturity in adjusting to change with the capacity to alter one's own behaviors;
186 187 188 189	IV.A.1.a).(1).(f).(v)	trustworthiness that makes colleagues feel secure when one is responsible for the care of patients;
190 191 192 193 194	IV.A.1.a).(1).(f).(vi)	leadership skills that enhance team function, the learning environment, and/or the health care delivery system/environment with the ultimate intent of improving care of patients;
195 196 197 198	IV.A.1.a).(1).(f).(vii)	self-confidence that puts patients, patients' families, and members of the health care team at ease; and,
199 200 201 202 203	IV.A.1.a).(1).(f).(viii)	the capacity to accept that ambiguity is part of clinical medicine and to recognize the need for and to utilize appropriate resources in dealing with uncertainty.
204 205	IV.A.1.a).(1).(g)	high standards of ethical behavior, including maintaining appropriate professional boundaries

206 207		and relationships with other physicians and avoiding conflicts of interest; and,
208 209 210 211	IV.A.1.a).(1).(h)	a commitment to lifelong learning and an attitude of caring derived from humanistic and professional values.
212 213	IV.A.1.b)	Patient Care and Procedural Skills
214 215 216 217 218 219 220	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, and demonstrate the ability to provide comprehensive medical care to infants, children, and adolescents, including competence in:
221 222 223 224	IV.A.1.b).(1).(a)	gathering essential and accurate information about each patient;
225 226	IV.A.1.b).(1).(b)	organizing and prioritizing responsibilities to provide patient care that is safe, effective, and efficient;
227 228 229 230 231 232	IV.A.1.b).(1).(c)	conducting health supervision, minor sick and acute severe illness encounters, in addition to managing complex or chronic conditions; providing transfer of care that ensures seamless transitions; (Move to Systems-Based Practice)
233 234 235 236 237 238 239	IV.A.1.b).(1).(d)	interviewing patients and patients' families about the particulars of the medical condition for which they seek care, with specific attention to behavioral, psychosocial, environmental, and family unit correlates of disease;
240 241 242	IV.A.1.b).(1).(e)	performing complete and accurate physical examinations;
242 243 244 245	IV.A.1.b).(1).(f)	making informed diagnostic and therapeutic decisions that result in optimal clinical judgment;
246 247	IV.A.1.b).(1).(g)	developing and implementing management plans;
247 248 249 250 251 252	IV.A.1.b).(1).(h)	incorporating consideration of the impacts of social determinants of health and advocating for social justice; counseling patients and their families; (moved to Interpersonal and Communication Skills)
253 254 255	IV.A.1.b).(1).(i)	providing effective health maintenance and anticipatory guidance;
256 257 258	IV.A.1.b).(1).(j)	recognizing normal variations in growth, development, and wellness, and anticipating, preventing, and detecting disruptions in health and well-being;

250		
259 260 261	IV.A.1.b).(1).(k)	providing appropriate role modeling;
261 262 263 264 265	IV.A.1.b).(1).(I)	assessing growth and development from birth through the transition to adult practitioners; providing appropriate supervision; (moved to Interpersonal and Communication Skills)
266 267 268 269	IV.A.1.b).(1).(m)	providing medical care that addresses concerns of groups of patients;
270 271 272	IV.A.1.b).(1).(n)	participating in real or simulated end-of-life care coordination and grief and bereavement management;
273 274 275	IV.A.1.b).(1).(0)	identifying and managing common behavioral/mental health conditions of childhood;
276 277 278	IV.A.1.b).(1).(p)	referring patients who require consultation, including those with surgical problems;
279 280	IV.A.1.b).(1).(q)	resuscitating, stabilizing, and triaging patients to align care with severity of illness;
281 282 283 284 285 286 287 288 289 290 291 292 293	IV.A.1.b).(1).(I)	performing procedures used by a pediatrician in- general practice, including being able to describe the steps in the procedure, indications, contraindications, complications, pain management, post-procedure care, and interpretation of applicable results; and
	IV.A.1.b).(1).(r)	performing all medical, diagnostic, and therapeutic procedures considered essential for pediatric practice in the country or jurisdiction, including:
	IV.A.1.b).(1).(r).(i)	arterial line placement;
294 295	IV.A.1.b).(1).(r).(i)	bag-mask ventilation;
296 297	IV.A.1.b).(1).(r).(iii)	arterial puncture;
298 299	IV.A.1.b).(1).(r).(iv)	bladder catheterization;
300	IV.A.1.b).(1).(r).(v)	chest tube placement;
301 302 303 304 305 306	IV.A.1.b).(1).(r).(ii)	developmental screening;
	IV.A.1.b).(1).(r).(iii)	<del>giving</del> immunizations;
	IV.A.1.b).(1).(r).(iv)	lumbar puncture;
307 308 309	IV.A.1.b).(1).(r).(v)	neonatal endotracheal intubation; neonatal delivery room stabilization; and,
310 311	IV.A.1.b).(1).(r).(vi)	peripheral intravenous catheter placement.

312 313	IV A 1 b) (1) (c) (vi)	procedural addition and pain managements
314	<del>IV.A.1.b).(1).(r).(xi)</del>	procedural sedation and pain management;
315 316	IV.A.1.b).(1).(r).(xii)	thoracentesis
317 318	IV.A.1.b).(1).(r).(xii)	reduction of simple dislocation;
319 320	IV.A.1.b).(1).(m).(x)	simple laceration repair;
321 322	IV.A.1.b).(1).(m).(xi)	simple removal of foreign body;
323 324	IV.A.1.b).(1).(m).(xii)	temporary splinting of fracture;
325 326 327	IV.A.1.b).(1).(m).(xiii)	tympanometry and audiometry interpretation;
328 329	IV.A.1.b).(1).(r).(xiv)	venipuncture.
330 331	IV.A.1.b).(1).(m).(xv)	vision screening.
332 333 334 335	IV.A.1.b).(1).(s)	Residents must achieve and maintain competence in advanced life support skills in pediatrics and advanced life support skills in neonates. (Moved from Clinical Experiences)
336 337	IV.A.1.c)	Medical Knowledge
338 339 340 341 342 343	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. Residents must demonstrate knowledge of:
344 345 346 347 348 349	IV.A.1.c).(1).(a)	indications, contraindications, limitations, complications, techniques, and interpretation of results of those diagnostic and therapeutic procedures integral to the discipline, including the appropriate indication for and use of screening tests/procedures;
350 351 352 353 354 355 356 357 358 359	IV.A.1.c).(1).(b)	selection and interpretation of screening tools and tests;
	IV.A.1.c).(1).(c)	the full spectrum of inpatient and outpatient care of well and sick infants, children, and adolescents through the transition to adult care, in addition to the diagnosis and management of common presentations;
360 361 362 363	IV.A.1.c).(1).(d)	presentation and management of isolated and multi- organ system failure and assessment of its reversibility;
364	IV.A.1.c).(1).(c)	variations in organ system dysfunction by patient
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365		<del>age;</del>
366 367 368 369 370 371 372 373 374 375 376	IV.A.1.c).(1).(d)	invasive and non-invasive techniques for monitoring and supporting pulmonary, cardiovascular, cerebral, and metabolic functions;
	IV.A.1.c).(1).(e)	understanding of the appropriate roles of the generalist pediatrician and the intensivist/neonatologist;
	IV.A.1.c).(1).(f)	resuscitation and care of newborns in the delivery room;
377 378 379 380	IV.A.1.c).(1).(e)	evaluation and management of patients following traumatic injury during the pediatric intensive care experience;
381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403	IV.A.1.c).(1).(f)	normal and abnormal child behavior and development; including cognitive, language, motor, social, and emotional components
	IV.A.1.c).(1).(g)	evaluation and management of adolescent patients;
	IV.A.1.c).(1).(h)	family structure, adoption, and foster care;
	IV.A.1.c).(1).(i)	interviewing parents and children;
	IV.A.1.c).(1).(j)	psychosocial and developmental screening techniques;
	IV.A.1.c).(1).(m)	behavioral counseling and referral;
	IV.A.1.c).(1).(k)	management strategies for children with developmental disabilities or special needs;
	IV.A.1.c).(1).(I)	needs of children at risk (e.g., those in poverty, from fragmented or substance abusing families, or victims of child abuse/neglect);
404 405 406	IV.A.1.c).(1).(m)	impact of chronic diseases, terminal conditions, and death on patients and patients' families;
407	IV.A.1.c).(1).(n)	evidence-based guidelines that inform care;
408 409 410 411 412 413 414 415 416 417	IV.A.1.c).(1).(o)	components of quality improvement and patient safety;
	IV.A.1.c).(1).(p)	medication side effects and identification of adverse events; and,
	IV.A.1.c).(1).(q)	psychosocial and developmental screening techniques.

418	IV.A.1.d)	Practice-Based Learning and Improvement
419 420 421 422 423 424 425 426	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:
427 428 429	IV.A.1.d).(1).(a)	apply new knowledge to the management and care of their patients;
430 431	IV.A.1.d).(1).(b)	be an effective teacher;
432 433	IV.A.1.d).(1).(c)	identify and perform appropriate learning activities;
434 435 436	IV.A.1.d).(1).(b)	identify strengths, deficiencies, and limits in one's knowledge and expertise;
437 438 439	IV.A.1.d).(1).(c)	incorporate formative evaluation feedback into daily practice;
440 441 442 443	IV.A.1.d).(1).(d)	locate, appraise, and assimilate evidence from scientific studies related to their patients' health problems;
444 445 446 447	IV.A.1.d).(1).(e)	obtain procedure-specific informed consent by competently educating patients about the rationale, technique, and complications of procedures;
448 449 450 451	IV.A.1.d).(1).(f)	participate in the education of patients, patients' families, students, other residents, and other health professionals;
452 453	IV.A.1.d).(1).(g)	set learning and improvement goals;
454 455 456 457	IV.A.1.d).(1).(h)	systematically analyze practice using quality improvement methods, and implement changes with the goal of practice improvement;
458 459 460 461 462 463	IV.A.1.d).(1).(i)	take primary responsibility for lifelong learning to improve knowledge, skills, and practice performance through familiarity with general and experience-specific goals and objectives and attendance at conferences; and,
464 465	IV.A.1.d).(1).(j)	use information technology to optimize learning.
466	IV.A.1.e)	Interpersonal and Communication Skills

467 468 469 470 471	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. Residents must:
471 472 473 474 475 476	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;
477 478 479 480 481	IV.A.1.e).(1).(b)	communicate effectively with physicians, other health professionals, and health-related agencies to exchange information on patient care, enhance teamwork, and receive and give feedback;
482 483 484	IV.A.1.e).(1).(c)	work effectively as a member or leader of a health care team or other professional group;
485 486 487	IV.A.1.e).(1).(d)	act in a consultative role to other physicians and health professionals;
488 489 490	IV.A.1.e).(1).(e)	maintain comprehensive, timely, and legible medical records, if applicable;
490 491 492 493 494 495 496 497 498 499	IV.A.1.e).(1).(f)	provide appropriate supervision; and, (moved from Patient Care and Procedural Skills)
	IV.A.1.e).(1).(g)	demonstrate insight and understanding into emotion and human response to emotion that allows one to appropriately develop and manage human interactions.
500 501	IV.A.1.f)	Systems-Based Practice
502 503 504 505 506 507	IV.A.1.f).(1)	Residents must demonstrate an awareness of and responsiveness to the larger context and system of health care, as well as the ability to call effectively on other resources in the system to provide optimal health care. Residents must:
508 509 510 511	IV.A.1.f).(1).(a)	work effectively in various health care delivery settings and systems relevant to their clinical specialty;
512 513 514	IV.A.1.f).(1).(b)	coordinate patient care within the health care system relevant to their clinical specialty;
515 516 517	IV.A.1.f).(1).(c)	incorporate considerations of cost awareness and risk-benefit analysis in patient and/or population-based care as appropriate;
518 519	IV.A.1.f).(1).(d)	advocate for quality patient care and optimal patient

520			care systems;
521 522 523	IV.A.1.f).(1).(e	e)	work in interprofessional teams to enhance patient safety and improve patient care quality;
524 525 526 527	IV.A.1.f).(1).(f)	)	provide transfer of care that ensures seamless transitions; (Moved from Patient Care and Procedural Skills)
528 529 530 531	IV.A.1.f).(1).(g	))	collaborate with community organizations, including schools and/or leaders in health care systems, to improve health care and the well-being of patients;
532 533 534	IV.A.1.f).(1).(h	)	participate in identifying system errors and implementing potential systems solutions; and,
535 536 537	IV.A.1.f).(1).(i)		advocate for the promotion of health and the prevention of disease and injury in populations.
538 539	IV.B.	Regularly Scheduled Educ	cational Activities
540 541 542 543	IV.B.1.	The core curriculum core knowledge con	must include a didactic program that is based on the tent in pediatrics.
544 545 546	IV.B.2.	•	nferences should have at least one faculty member duled to ensure peer-peer and peer-faculty member
547 548 549 550 551	IV.B.3.	and attending physic pathophysiology, and	ing must include direct interaction between residents cians, bedside teaching, discussion of d the use of current evidence in diagnostic and s. The teaching must be:
552 553	IV.B.3.a)	formally cond	ducted on all inpatient and consultative services; and,
554 555 556 557	IV.B.3.b)	meaningful a	ith a frequency and duration sufficient to ensure a and continuous teaching relationship between the pervising faculty member(s) and residents.
558 559 560	IV.C.	Clinical Experiences	
561 562 563	IV.C.1.		e structured to provide at least 30 months of the at the primary clinical site and other participating
564 565 566 567 568 569	IV.C.2.	rotational transitions a quality educational ongoing supervision	ons must be structured to minimize the frequency of , and rotations must be of sufficient length to provide I experience, defined by continuity of patient care, , longitudinal relationships with faculty members, essment and feedback.
570 571 572	IV.C.3.	The <u>overall structure of</u> educational units.	the program-curriculum-must be organized in

573 574	IV.C.3.a)	An advectional unit about he at least four weeks or one month, or
574 575	1v.G.3.a)	An educational unit should be at least four weeks or one month, or a longitudinal experience.
576		a forigitadinal experience.
577	IV.C.3.a).(1)	An outpatient educational unit should be a minimum of 32
578	, ( ,	half-day sessions.
579		
580	IV.C.3.a).(2)	An inpatient educational unit should be a minimum of 200
581		hours.
582	IV ( O O I- )	Desidents much estimate announce and an fearth and an early
583 584	IV.C.3.b)	Residents must act in a supervisory role, under faculty member
585		guidance for a minimum of five educational units during the last 24 months of education.
586		months of education.
587	IV.C.4.	The overall structure of the program must include:
588		The everal ended of the program mast molade.
589	IV.C.4.a)	a minimum of six educational units of an individualized curriculum,
590	,	determined by the learning needs and career plans of each
591		resident, and developed through the guidance of a faculty mentor.
592		
593	IV.C.4.b)	a minimum of 10 educational units of inpatient care experiences,
594		including:
595 596	IV C 4 b) (1)	aiv advectional units of innations modicing, with a minimum
596 597	IV.C.4.b).(1)	six educational units of inpatient medicine, with a minimum of four educational units of general pediatrics or pediatric
597 598		hospital medicine service. The remaining time must be
599		spent on the general pediatrics or pediatric hospital
600		medicine service or other subspecialty services;
601		<del></del>
602	IV.C.3.b).(1)	five educational units in inpatient pediatrics;
603		
604	IV.C.4.b).(1).(a)	No more than <u>one educational unit</u> of the five
605		required educational units should be devoted to the
606		care of patients in a single subspecialty.
607 608	IV.C.3.b).(2)	two educational units in the neonatal intensive care unit
609	14.0.0.0).(2)	(NICU);
610		(moo);
611	IV.C.3.b).(3)	two educational units in the pediatric critical care unit
612	/ (-/	<del>(PICU); and,</del>
613		
614	IV.C.4.b).(2)	a minimum ofone educational unit in term newborn care;
615		and,
616	n ( 0 ( 1 ) ( 0 )	
617	IV.C.4.b).(3)	three educational units of critical care experience in the NICU
618 619		and PICU to include a minimum of one educational unit in the
620		PICU and a minimum of one educational unit in the NICU.
621	IV.C.4.b).(3).(a)	For a 36-month program, critical care experience
622		cannot exceed six educational units.
623		
624	IV.C.4.b).(3).(b)	For a 48-month program, critical care experience
625		cannot exceed eight educational units.

626 627	IV.C.4.c)	a minimum of nine educational units of additional subspecialty
628 629	,	experiences, including:
630 631	IV.C.4.c).(1)	one educational unit in adolescent medicine;
632 633 634	IV.C.4.c).(2)	one educational unit in developmental-behavioral pediatrics;
635 636 637	IV.C.4.c).(3)	four educational units of four key subspecialties from among the following:
638 639	IV.C.4.c).(3).(a)	child abuse;
640 641	IV.C.4.c).(3).(b)	medical genetics;
642 643	IV.C.4.c).(3).(c)	pediatric allergy and immunology;
644 645	IV.C.4.c).(3).(d)	pediatric cardiology;
646 647	IV.C.4.c).(3).(e)	pediatric dermatology;
648	IV.C.4.c).(3).(f)	pediatric endocrinology;
649 650	IV.C.4.c).(3).(g)	pediatric gastroenterology;
651 652	IV.C.4.c).(3).(h)	pediatric hematology-oncology;
653 654	IV.C.4.c).(3).(i)	pediatric infectious diseases;
655 656	IV.C.4.c).(3).(j)	pediatric nephrology;
657 658	IV.C.4.c).(3).(k)	pediatric neurology;
659 660	IV.C.4.c).(3).(I)	pediatric pulmonology; or,
661 662	IV.C.4.c).(3).(m)	pediatric rheumatology.
663 664 665 666 667	IV.C.4.c).(4)	three educational units consisting of single subspecialties or combinations of subspecialties, made up of experiences from the list above or from among the following:
668 669	IV.C.4.c).(4).(a)	child and adolescent psychiatry;
670 671	IV.C.4.c).(4).(b)	hospice and palliative medicine;
672	IV.C.4.c).(4).(c)	neurodevelopmental disabilities;
673 674	IV.C.4.c).(4).(d)	pediatric anesthesiology;
675 676	IV.C.4.c).(4).(e)	pediatric dentistry;
677 678	IV.C.4.c).(4).(f)	pediatric ophthalmology;
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679 680	IV.C.4.c).(4).(g)	pediatric orthopaedic surgery;
681	17.0.4.0).(4).(9)	pediatric orthopaedic surgery,
682 683	IV.C.4.c).(4).(h)	pediatric otolaryngology;
684 685 686	IV.C.4.c).(4).(i)	pediatric rehabilitation medicine;
	IV.C.4.c).(4).(j)	pediatric radiology;
687 688	IV.C.4.c).(4).(k)	pediatric surgery;
689 690	IV.C.4.c).(4).(I)	sleep medicine; or,
691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712	IV.C.4.c).(4).(m)	sports medicine.
	IV.C.4.d)	a minimum of 10 educational units five educational units of <u>primarily</u> ambulatory <u>care experiences</u> , <u>including elements of community pediatrics and child advocacy, to include a minimum of</u> :
	IV.C.4.d).(1)	two educational units of general ambulatory pediatric clinic experience; two educational units of the ambulatory experience that include elements of community pediatrics and child advocacy; and,
	IV.C.4.e).(2)	one educational unit of subspecialty outpatient experience, composed of not fewer than two subspecialties; and,
	IV.C.3.e).(1).(a)	Ambulatory experiences should include a children's emergency department setting where residents provide care for children with non-serious acute illnesses with supervision provided by general pediatricians.
713 714	IV.C.4.d).(3)	three educational units in pediatric emergency medicine and acute illness.
715 716 717 718 719 720 721 722 723 724	IV.C.4.e).(3).(a)	At least two of these educational units must be in the emergency department.
	IV.C.4.e).(3).(b)	Residents must have first-contact evaluation of pediatric patients in the emergency department.
	IV.C.5.	Residents should have real or simulated experiences in the following procedures if they are important for a resident's post-residency position as defined in the resident's individualized learning plan, including:
725 726	IV.C.5.a)	arterial line placement;
727 728	IV.C.5.b)	arterial puncture;
729 730 731	IV.C.5.c)	chest tube placement;

732 733	IV.C.5.d)	endotracheal intubation of non-neonates; and,
734 735	IV.C.5.e)	procedural sedation.
736 737	<del>IV.C.5.f)</del>	thoracentesis.
738 739 740	IV.C.6.	Each resident should have a minimum of 36 half-day sessions per year of a longitudinal outpatient experience. over a three-year period.
741 742	<del>IV.C.6.a</del> )	These sessions must not be scheduled for fewer than 26 weeks per year.
743 744 745 746 747 748	IV.C.6.b)	There must be an adequate volume of patients to ensure exposure to the spectrum of normal development at all age levels, as well as to the longitudinal management of children with special health care needs and chronic conditions.
749 750 751 752 753	<del>IV.C.6.c)</del>	There must be a longitudinal working experience between each resident and a single or core group of faculty members with expertise in primary care pediatrics and the principles of the medical home.
754 755 756 757	<del>IV.C.6.d)</del>	PGY-1 and PGY-2 residents must have a longitudinal general-pediatric outpatient experience in a setting that provides <u>primary</u> care a medical home for the spectrum of pediatric patients.
758 759 760 761 762	IV.C.6.e)	PGY-3 residents should continue this experience at the same clinical site or, if appropriate for an individual resident's career goals, in a longitudinal subspecialty clinic or alternate primary care site.
763 764 765 766 767 768	IV.C.5.e)	The medical home model of Care must focus on wellness and prevention, coordination of care, and longitudinal management of children with special health care needs and chronic conditions and provide a patient- and family centered approach to care.
769 770 771 772	IV.C.5.e)	Consistent with the concept of the medical home, Residents must care for a panel of patients who identify the resident as their primary care provider.
773 774 775 776	IV.C.7.	Residents must maintain certification in Pediatric Advanced Life Support, including simulated placement of an intraosseous line and neonatal resuscitation. (moved to Patient Care and Procedural Competency)
777 778	IV.D.	Scholarly Activity
779 780		See International Foundational Requirements, Section IV.D.
781	V. E	evaluation
782 783	S	See International Foundational Requirements, Section V.

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785	VI.	The Learning and Working Environment
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787		See International Foundational Requirements, Section VI.