

Critical Care – Program Directors

Table 64. CRITICAL CARE: PROGRAM DIRECTORS: How long have you been a director of a pediatric fellowship program? (N=579)			
	Crit Care (N=52)	All Other SS (N=527)	
	% (N)	% (N)	P-value
≤ 5 years	62 (32)	49 (257)	.08
> 5 years	38 (20)	51 (270)	

Table 65. CRITICAL CARE: PROGRAM DIRECTORS: What do you believe is the minimum length of training time for establishing clinical competence in your subspecialty during pediatric fellowship training? (N=579)		
	Crit Care (N=53)	All Other SS (N=526)
	Mode (Range)	Mode (Range)
Minimum time in months	18 (12-48)	24 (1-48)

Table 66. CRITICAL CARE: PROGRAM DIRECTORS: Do you believe that the <u>clinical training time</u> should be the same for all fellows <u>in your subspecialty</u> , regardless of career path (i.e., those who pursue primarily a clinical vs. primarily a research career)? (N=586)			
	Crit Care (N=53)	All Other SS (N=533)	
	% (N)	% (N)	P-value
Yes	74 (39)	64 (343)	.18
No	26 (14)	36 (190)	

	Mode (Range)	Mode (Range)	
Ideal <i>clinical training time</i> for fellows who will be <i>primarily clinicians</i>	24 (18-36)	24 (2-48)	-
Ideal <i>clinical training time</i> for fellows who will be <i>primarily clinician educators</i>	18 (17-36)	24 (3-48)	-
Ideal <i>clinical training time</i> for fellows who will be <i>primarily researchers</i>	18 (12-54)	12 (3-60)	-

Table 67. CRITICAL CARE: PROGRAM DIRECTORS: The RRC currently expects at least 12 months of clinical experience. Do you believe that there is a need to change the expected amount of clinical training time in your subspecialty? (N=583)

	Crit Care (N=53)	All Other SS (N=530)	
	% (N)	% (N)	P-value
Yes, I believe that the expected amount of clinical training time should be increased	75 (40)	45 (240)	.0001
Yes, I believe that the expected amount of clinical training time should be decreased	0 (0)	1 (7)	
No, I believe that the expected amount of clinical training is appropriate	25 (13)	54 (283)	

Table 68. CRITICAL CARE: PROGRAM DIRECTORS: Why do you believe that the expected amount of clinical training time in your subspecialty should be increased? Please choose all that apply. (N=279)

	Crit Care (N=40)	All Other SS (N=239)	
	% (N)	% (N)	P-value
Increase in types of procedures and/or complexity of patient care	68 (27)	64 (152)	.63

Duty hour restrictions and other changes during residency have reduced fellow's initial clinical competence	85 (34)	44 (105)	<.0001
Duty hour restrictions during fellowship have reduced fellow's clinical competence	63 (25)	26 (62)	<.0001
Need for further development of clinical independence	58 (23)	65 (156)	.34
Additional supervisory experience is needed	28 (11)	27 (64)	.92
Additional time is needed for longitudinal case management	30 (12)	29 (69)	.88
Other	3 (1)	6 (14)	.38

Table 69. CRITICAL CARE: PROGRAM DIRECTORS: Why do you believe that the expected amount of clinical training time in your subspecialty should be decreased? Please choose all that apply. (N=7)

	Crit Care (N=0)	All Other SS (N=7)	
	% (N)	% (N)	P-value
Takes less time than what is currently required to establish clinical competence	0 (0)	29 (2)	-
Fellows should be spending more time in research	0 (0)	100 (7)	-
It would increase applicants to fellowship in my subspecialty	0 (0)	0 (0)	-
Other	0 (0)	0 (0)	-

Table 70. CRITICAL CARE: PROGRAM DIRECTORS: As a program director, I am comfortable assessing the clinical competence of fellows in my program to practice without direct supervision at the end of training. (N=580)

<i>Please indicate the extent to which you agree or disagree with the following statement related to assessing clinical competence during fellowship training.</i>	Strongly Disagree	Disagree	Agree	Strongly Agree	
	% (N)	% (N)	% (N)	% (N)	P-value
Critical Care (N=51)	6 (3)	2 (1)	39 (20)	53 (27)	.49
All Other SS (N=529)	3 (17)	6 (30)	42 (224)	49 (258)	

Table 71. CRITICAL CARE: PROGRAM DIRECTORS: Please indicate the extent to which you agree or disagree with the following statement related to assessing clinical competence during fellowship training. (N=586)

	Strongly Disagree		Disagree		Agree		Strongly Agree		
	Crit Care (N=53)	All Other SS (N=533)	Crit Care (N=53)	All Other SS (N=533)	Crit Care (N=53)	All Other SS (N=533)	Crit Care (N=53)	All Other SS (N=533)	
	% (N)	% (N)	% (N)	% (N)	% (N)	% (N)	% (N)	% (N)	P-value
Training future researchers in my subspecialty is an important component of fellowship training	0 (0)	1 (3)	4 (2)	1 (8)	53 (28)	37 (198)	43 (23)	61 (324)	.06
Training ALL subspecialists to be able to critically appraise new literature is an important component of fellowship training	0 (0)	0 (1)	0 (0)	1 (3)	15 (8)	13 (69)	85 (45)	86 (460)	.90
Training ALL subspecialists to be competent educators/teachers is an important component of fellowship training	0 (0)	0 (2)	6 (3)	5 (24)	41 (22)	42 (226)	53 (28)	53 (280)	.95
Training ALL subspecialists in quality improvement activities is an important component of fellowship training	0 (0)	2 (12)	7 (4)	10 (55)	55 (29)	56 (295)	38 (20)	32 (170)	.56
Scholarly activity during fellowship should be tailored to the career goals and interests of the individual fellows	0 (0)	1 (5)	2 (1)	5 (25)	21 (11)	26 (141)	77 (41)	68 (362)	.46
ALL fellows in my subspecialty should complete a scholarly activity project as part of fellowship training	0 (0)	1 (7)	11 (6)	7 (36)	27 (14)	29 (155)	62 (33)	63 (335)	.53

Scholarly activity requirements should be more broadly defined	4 (2)	3 (16)	36 (19)	31 (164)	36 (19)	40 (212)	24 (13)	26 (139)	.87
Scholarship Oversight Committees gave programs a greater ability to tailor scholarly activity to each fellow's individual needs than in the past	6 (3)	5 (23)	19 (10)	25 (133)	55 (28)	50 (263)	19 (10)	20 (108)	.78
Advanced clinical training, such as cardiac electrophysiology and transplant hepatology, should be offered AS PART OF the current three year training program WITH DIMINISHED scholarly activity requirements	23 (12)	21 (103)	42 (22)	54 (264)	27 (14)	21 (105)	8 (4)	4 (21)	.37
The core curriculum as currently required is a valuable part of fellowship training	2 (1)	2 (12)	14 (7)	15 (77)	63 (32)	63 (336)	21 (11)	20 (107)	.99

Table 72. CRITICAL CARE: PROGRAM DIRECTORS: What do you believe is the minimum length of training time needed in scholarly activity in your subspecialty during pediatric fellowship training? (N=577)

	Crit Care	All Other SS
	(N=52)	(N=525)
	Mode (Range)	Mode (Range)
Minimum time in months	12 (6-24)	12 (0-40)

Table 73. CRITICAL CARE: PROGRAM DIRECTORS: Do you believe that the amount of scholarly activity should be the same for all fellows in your subspecialty, regardless of career path (i.e., those who pursue primarily a clinical vs. primarily a research career)? (N=584)

	Crit Care	All Other SS	
	(N=53)	(N=531)	

	% (N)	% (N)	P-value
Yes	43 (23)	42 (223)	.84
No	57 (30)	58 (308)	
	Mode (Range)	Mode (Range)	
Ideal amount of scholarly activity for fellows who will be <i>primarily clinicians</i>	12 (4-18)	12 (0-36)	-
Ideal amount of scholarly activity for fellows who will be <i>primarily clinician educators</i>	12 (6-24)	12 (0-36)	
Ideal amount of scholarly activity for fellows who will be <i>primarily researchers</i>	24 (10-36)	24 (6-48)	

Table 74. CRITICAL CARE: PROGRAM DIRECTORS: The RRC recommends that programs provide fellows with approximately 12 months for scholarly activity. Do you believe that there is a need to change the recommended amount of scholarly activity time in your subspecialty? (N=582)

	Crit Care (N=53)	All Other SS (N=529)	
	% (N)	% (N)	P-value
Yes, I believe that the expected amount of time in scholarly activity should be <i>increased</i>	27 (14)	30 (161)	.53
Yes, I believe that the expected amount of time in scholarly activity should be <i>decreased, but not eliminated</i>	13 (7)	17 (89)	
Yes, I believe that the expected scholarly activity requirement should be <i>eliminated</i>	0 (0)	2 (8)	
No, I believe that the current expected amount of time in scholarly activity is appropriate	60 (32)	51 (271)	

Table 75. CRITICAL CARE: PROGRAM DIRECTORS: Why do you believe that the expected amount of time devoted to scholarly activity should be increased? Please choose all that apply. (N=173)

	Crit Care	All Other SS	
--	-----------	--------------	--

	(N=14)	(N=159)	
	% (N)	% (N)	P-value
Fellows are not adequately prepared to begin junior faculty research positions under current model	86 (12)	87 (139)	.85
Duty hour restrictions have adversely limited fellow's research time	71 (10)	30 (47)	.001
Other	36 (5)	11 (18)	.01

Table 76. CRITICAL CARE: PROGRAM DIRECTORS: Why do you believe that the expected amount of time devoted to scholarly activity during fellowship should be decreased or eliminated? Please choose all that apply. (N=104)

	Crit Care (N=7)	All Other SS (N=97)	
	% (N)	% (N)	P-value
Scholarly activity requirements discourage pediatric residents from pursuing fellowship training	43 (3)	29 (28)	.43
Fellows who plan to pursue primarily clinical careers do not need the current amount of scholarly activity during training	100 (7)	87 (84)	.30
It would allow us to shorten fellowship training, making our subspecialty more attractive to potential fellows	43 (3)	42 (41)	.98
It would allow more time to be devoted to additional clinical training	71 (5)	65 (63)	.73
Other	0 (0)	9 (9)	.40

Table 77. CRITICAL CARE: PROGRAM DIRECTORS: Which of the following activities do you believe fall within the scope of what is, or should be, acceptable to meet scholarly activity requirements during fellowship? Please choose all that apply. (N=586)

	Crit Care (N=53)	All Other SS (N=533)	
	% (N)	% (N)	P-value

Bench or clinical research	100 (53)	99 (527)	.44
Health services research	98 (52)	90 (482)	.06
Quality improvement activities or clinical care guideline development	85 (45)	74 (392)	.07
Education-based activities (e.g., Developing an educational module on CD-ROM)	68 (36)	62 (330)	.39
Master of Public Health or Master of Education	87 (46)	82 (439)	.42
Master of Business Administration or other business/financial training	62 (33)	35 (191)	.0002
Other	17 (9)	8 (43)	.03

Table 78. CRITICAL CARE: PROGRAM DIRECTORS: Does your fellowship program have a core scholarly activity or research curriculum for fellows? (N=586)

	Crit Care	All Other SS	
	(N=53)	(N=453)	
	% (N)	% (N)	P-value
Yes	89 (47)	85 (453)	.47
<i>Average hours fellow spends in core curriculum over the course of training</i>	47	88	-

Table 79. CRITICAL CARE: PROGRAM DIRECTORS: Please indicate which years in training a fellow participates in the core curriculum. Please choose all that apply. (N=494)

	Crit Care	All Other SS	
	(N=47)	(N=447)	
	% (N)	% (N)	P-value
Year one	89 (42)	90 (404)	.82
Year two	87 (41)	84 (375)	.55
Year three	85 (40)	76 (338)	.14

Table 80. CRITICAL CARE: PROGRAM DIRECTORS: Is the core curriculum strictly didactic? (N=490)			
	Crit Care	All Other SS	
	(N=46)	(N=444)	
	% (N)	% (N)	P-value
Yes	50 (23)	47 (209)	.71

Table 81. CRITICAL CARE: PROGRAM DIRECTORS: Do fellows from all subspecialties in your pediatrics department participate in the same core curriculum together? (N=493)			
	Crit Care	All Other SS	
	(N=44)	(N=449)	
	% (N)	% (N)	P-value
Yes	61 (27)	68 (307)	.34

Table 82. CRITICAL CARE: PROGRAM DIRECTORS: Please indicate if any of the following components are an expected part of your fellowship program core curriculum. Please choose all that apply. (N=583)			
	Crit Care	All Other SS	
	(N=53)	(N=530)	
	% (N)	% (N)	P-value
Biostatistics	96 (51)	94 (500)	.57
Epidemiology	70 (37)	73 (386)	.64
Quality improvement modules	83 (44)	75 (395)	.17
Journal club	81 (43)	81 (428)	.95
Master of Public Health or Master of Education	2 (1)	7 (39)	.13
Master of Business Administration or other business/financial training	2 (1)	1 (4)	.39
Grant or proposal writing course/training	57 (30)	67 (357)	.11
Training in other aspects of research: Institutional Review Board, developing research protocols, etc.	81 (43)	84 (447)	.54

Adult learning, teaching, and curriculum development	47 (25)	49 (261)	.77
Other	8 (4)	11 (60)	.40

Table 83. CRITICAL CARE: PROGRAM DIRECTORS: Do you believe that there is a need to increase or decrease the required overall length of fellowship training in your subspecialty? (N=583)			
	Crit Care	All Other SS	
	(N=53)	(N=530)	
	% (N)	% (N)	P-value
No, I believe that the required training duration, regardless of career path, should remain at three years	55 (29)	59 (312)	.23
Yes, I believe that the required training duration, regardless of career path, should be shortened to fewer than three years	2 (1)	2 (9)	
Yes, I believe that there should be two different tracks, a shorter duration track for clinicians or clinician-educators and a longer duration track for fellows who plan to pursue academic research	30 (16)	33 (178)	
Yes, I believe that the required training duration, regardless of career path, should be extended to more than three years	13 (7)	6 (31)	

Table 84. CRITICAL CARE: PROGRAM DIRECTORS: Do you believe that all pediatric subspecialty trainees (across all pediatric subspecialties) should have the same required overall length of fellowship training (currently 3 years)? (N=583)			
	Crit Care	All Other SS	
	(N=53)	(N=530)	
	% (N)	% (N)	P-value
No, I believe that it should be the decision of each subspecialty to determine the appropriate amount of overall required length of fellowship training	66 (35)	78 (414)	.05
Yes, I believe that all subspecialty fellowship training should have the same required overall length	34 (18)	22 (116)	