

Appendix C: Summary of Contexts, Mechanisms, and Outcomes

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Contexts		N	References
UGME	Pre-clerkship	15	(24)(25)(26)(27)(28)(29)(30)(31)(32)(33)(34)(35)(36)(37)(38)
	Clerkship	15	(39)(40)(41)(42)(43)(44)(45)(46)(47)(48)(49)(50)(51)(52)(53)
	Longitudinal/combined	10	(54)(55)(56)(57)(58)(59)(60)(49)(61)(62)
PGME	Longitudinal curriculum	62	(63)(64)(65)(66)(67)(68)(69)(70)(71)(72)(73)(74)(75)(76)(77)(78)(79)(80)(81)(82)(83)(84)(85)(86)(87)(88)(89)(90)(91)(92)(93)(94)(95)(96)(97)(98)(99)(100)(101)(102)(103)(104)(105)(106)(107)(108)(109)(110)(111)(112)(113)(114)(115)(116)(117)(118)(119)(120)(121)(122)(123)(99)(124)
	Block rotation	19	(68)(83)(125)(126)(127)(128)(129)(130)(131)(132)(133)(134)(135)(136)(137)(138)(139)(140)(141)
	QI/PS electives	8	(142)(72)(143)(144)(145)(146)(147)(80)
	Chief resident	10	(133)(142)(148)(149)(150)(151)(152)(153)(154)(155)
	Fellowship or Certificate	3	(156)(157)(158)
	Monthly QI-focused conferences	6	(102)(151)(159)(160)(161)(162)
	Setting	Ambulatory setting	53
Inpatient setting		8	(68)(147)(128)(189)(138)(190)(191)(192)
Non-clinical QI projects		9	(30)(38)(57)(69)(79)(125)(193)(194)(195)
Culture and Support	Pre-existing QI culture	12	(55)(56)(59)(77)(80)(103)(144)(169)(182)(196)(197)(198)
	Healthcare system support	9	(141)(127)(196)(199)(200)(201)(202)(203)(204)
	Medical school support	8	(55)(57)(77)(92)(96)(107)(121)(159)
	Curricula aligned with healthcare system priorities	31	(25)(39)(43)(62)(88)(112)(122)(128)(146)(147)(164)(169)(171)(173)(177)(182)(181)(191)(196)(205)(206)(199)(207)(208)(209)(210)(211)(212)(213)(200)(214)
Mechanisms			
General Mechanisms	Structure, clear expectations, and deliverables	53	(38)(39)(49)(51)(60)(60)(65)(67)(68)(70)(71)(73)(74)(76)(78)(79)(80)(82)(84)(86)(87)(88)(89)(92)(93)(96)(98)(100)(108)(109)(111)(117)(122)(126)(127)(130)(164)(167)(168)(173)(175)(178)(189)(190)(207)(209)(201)(215)(216)(217)(218)(219)(220)(221)(217)(196)(222)(166)(209)(223)(71)(41)(142)(75)(167)(76)(77)(78)(79)(80)(126)(84)(169)(85)(86)(201)(171)(60)(88)(127)(129)(130)(132)(91)(96)(179)(138)(149)(101)(203)(224)(225)(108)(110)(111)(123)(48)(137)(186)(120)(140)(99)(124)
	Protected time	49	(30)(32)(33)(39)(40)(41)(48)(51)(56)(60)(60)(59)(70)(74)(76)(77)(78)(79)(80)(81)(82)(88)(92)(96)(98)(101)(110)(127)(128)(129)(142)(143)(149)(156)(157)(159)(163)(167)(168)(169)(170)(173)(177)(186)(189)(196)(199)(207)(209)(212)(213)(198)(201)(215)(216)(217)(219)(220)(223)(224)(226)(227)(228)(229)(230)(231)(59)(99)
	Mentorship	66	(27)(38)(39)(51)(56)(69)(70)(71)(73)(74)(86)(87)(88)(89)(92)(93)(96)(100)(141)(126)(130)(147)(164)(178)(205)(194)(215)(226)(232)(225)
	Feedback	29	(39)(68)(69)(88)(93)(108)(120)(159)(164)(165)(166)(167)(182)(190)(196)(206)(199)(201)(215)(216)(218)(222)(227)(229)(233)(234)
	Curriculum Leadership	26	(43)(51)(85)(98)(182)(206)(232)
	Faculty Credit	7	(24)(55)(68)(69)(80)(93)(127)(133)(142)(147)(152)(173)(176)(177)(182)(214)(215)(227)
	Financial Support	18	(24)(55)(68)(69)(80)(93)(127)(133)(142)(147)(152)(173)(176)(177)(182)(214)(215)(227)
Learning Mechanisms	Modules	23	(235)(28)(29)(40)(42)(45)(46)(58)(69)(72)(78)(80)(88)(95)(102)(108)(112)(117)(129)(133)(188)(197)(236)
	Educational Resources	9	(56)(168)(193)(217)(226)(237)(238)(233)(124)
	Flipped Classroom	9	(80)(167)(172)(180)(188)(206)(217)(236)(239)
	Just-in-time Learning	13	(62)(67)(68)(71)(79)(84)(148)(220)(222)(238)(140)(99)(124)
Project Mechanisms	Topics Identified by Learners without Screening or Guidance	17	(38)(87)(105)(107)(110)(113)(116)(117)(120)(130)(132)(143)(167)(173)(220)(234)(238)
	Topic Selected by Learners with Screening or Guidance	28	(24)(65)(70)(71)(73)(66)(76)(78)(80)(86)(88)(89)(104)(106)(141)(129)(134)(139)(147)(177)(189)(196)(199)(210)(194)(201)(218)(99)
	Topics Pre-Identified by Faculty/Staff	19	(41)(43)(56)(74)(85)(92)(93)(96)(108)(144)(164)(178)(186)(208)(219)(222)(227)(140)(124)
	Shared Project Within Learner Cohorts	15	(50)(68)(123)(130)(151)(163)(174)(175)(184)(188)(191)(192)(211)(230)(240)
	Frequent meetings	36	(60)(65)(68)(76)(77)(78)(82)(87)(91)(93)(95)(101)(106)(107)(119)(122)(141)(127)(167)(168)(177)(182)(183)(184)(189)(196)(207)(209)(211)(213)(218)(215)(232)(230)(237)(241)

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	Access to data	26	(48) (66) (68) (87) (91) (92) (94) (115) (130) (134) (136) (139) (146) (147) (159) (169) (173) (174) (175) (176) (184) (186) (187) (215) (219) (223)
	Project handover	8	(39) (68) (92) (147) (170) (183) (190) (208)
	Interprofessional teams	29	(43) (77) (90) (93) (95) (106) (107) (141) (127) (128) (167) (175) (182) (183) (184) (186) (189) (190) (192) (196) (207) (209) (208) (200) (193) (201) (202) (220) (241)
	Uni-professional teams	55	(27) (32) (33) (41) (60) (63) (64) (65) (66) (67) (68) (71) (74) (75) (78) (79) (81) (82) (84) (86) (87) (88) (89) (92) (100) (101) (102) (104) (105) (108) (110) (117) (121) (130) (132) (136) (147) (148) (164) (166) (168) (169) (171) (172) (177) (178) (210) (218) (219) (221) (223) (232) (231) (99) (124)
	Incentives	7	(88) (96) (107) (117) (199) (212) (219)
Outcomes			
Educational Outcomes	1: Reaction/Satisfaction	78	(62) (63) (140) (205) (207) (206) (215) (217) (51) (196) (55) (121) (40) (222) (69) (226) (208) (237) (147) (229) (197) (148) (122) (143) (42) (167) (144) (236) (116) (78) (79) (188) (80) (125) (81) (83) (159) (232) (169) (44) (60) (173) (130) (130) (35) (45) (93) (133) (134) (193) (96) (239) (233) (64) (156) (135) (180) (46) (100) (157) (25) (138) (149) (238) (26) (161) (190) (151) (105) (29) (141) (47) (109) (110) (37) (230) (158) (115) (32)
	2A: Attitudes	36	(38) (63) (65) (205) (215) (199) (216) (165) (228) (166) (56) (147) (229) (218) (163) (197) (220) (73) (79) (80) (169) (170) (172) (173) (35) (45) (95) (96) (58) (190) (28) (52) (184) (185) (213) (200)
	2B: Knowledge/Skills	101	(38) (38) (62) (63) (140) (65) (205) (206) (120) (207) (215) (164) (227) (165) (60) (217) (196) (198) (40) (139) (228) (222) (69) (209) (117) (223) (237) (137) (229) (163) (197) (71) (148) (72) (143) (74) (75) (42) (168) (167) (144) (236) (116) (78) (79) (188) (80) (81) (83) (126) (82) (84) (169) (170) (44) (86) (171) (60) (88) (172) (173) (128) (130) (91) (235) (35) (93) (174) (94) (95) (134) (193) (96) (239) (98) (233) (36) (64) (180) (181) (119) (157) (183) (145) (27) (190) (28) (67) (151) (29) (52) (54) (229) (204) (47) (109) (30) (185) (158) (213) (112) (113) (34) (32)
	3: Behaviours	36	(38) (62) (55) (205) (120) (207) (215) (199) (227) (217) (51) (196) (222) (226) (71) (41) (72) (143) (73) (78) (232) (87) (91) (235) (45) (202) (134) (160) (145) (203) (26) (146) (204) (162) (30) (154)
Healthcare system Outcomes	4A: Changes to Organizational Practice	68	(215) (63) (68) (199) (209) (163) (143) (77) (82) (43) (187) (129) (130) (98) (176) (64) (211) (181) (182) (186) (203) (191) (106) (146) (200) (214) (114) (207) (62) (140) (65) (205) (206) (227) (222) (72) (219) (73) (240) (66) (167) (76) (159) (169) (85) (201) (171) (173) (128) (89) (210) (174) (96) (175) (118) (24) (100) (160) (26) (27) (225) (107) (158) (33) (152) (221) (136) (155)
	4B: Changes to Organizational Outcomes	35	(215) (217) (223) (56) (229) (71) (219) (77) (189) (186) (190) (192) (106) (184) (115) (62) (140) (199) (227) (222) (208) (240) (78) (49) (84) (169) (171) (24) (100) (183) (110) (59) (53) (48) (155)