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	L	Total				
Origin	UME GME CME		СМЕ	Mixed		
United States	26	22	8	3	59 (46.5%)	
Canada	0	0	4	1	5 (3.9%)	
South America	0	3	1	0	4 (3.1%)	
Europe	8	7	4	1	20 (15.7%)	
Middle East	6	2	1	2	11 (8.7%)	
Africa	0	0	0	1	1 (0.8%)	
Asia	9	5	3	3	20 (15.8%)	
Oceania	2	0	0	0	2 (1.6%)	
International	0	2	1	2	5 (3.9%)	
Totals:	51 (40.2%)	41 (32.3%)	22 (17.3%)	13 (10.2%)	127 (100%)	

Table 2: Origin of included studies

UME = undergraduate medical education, GME = graduate medical education, CME = continuing medical education, Mixed = some combination of UME, GME, CME

	Level of medical education					
Who is responsible for educational delivery?	UME	GME	СМЕ	Mixed	Total	
University	31	2	1	1	35 (27.5%)	
Academic Hospital	19	32	15	9	75 (59.1%)	
Collaboration	1	3	4	2	10 (7.9%)	
Other (e.g. national organization)	0	4	2	1	7 (5.5%)	
Totals:	51 (40.2%)	41 (32.3%)	22 (17.3%)	13 (10.2%)	127 (100%)	

Table 3: Institutional Setting

UME = undergraduate medical education, GME = graduate medical education, CME = continuing medical education, Mixed = some combination of UME, GME, CME

Specialty	UME	GME	CME	Mixed	Tota
Anatomy	3	0	0	0	3
Anesthesiology	0	1	3	1	5
Emergency Medicine	1	3	2	2	8
Family Medicine	0	1	1	0	2
Internal Medicine	3	2	0	0	5
Medicine subspecialties	0	2	0	0	2
Neurology & Neuropsychology	1	0	0	1	2
Obstetrics and Gynecology	2	0	0	0	2
Pathology	3	3	0	0	6
Pediatrics	3	3	3	1	10
Radiology & Subspecialties	3	6	0	0	9
Surgery (General)	3	6	0	1	10
Surgical Subspecialties	5	8	1	3	17
Multi-professional or multi-disciplinary	3	5	10	4	22
Not described or not applicable	21	1	2	0	24
				Total	127

Table 4: Discipline or medical specialty

Focus	UME	GME	CME	Mixed	Total
Pivot to online learning (synchronous, asynchronous)	31	20	2	5	58 (45.7%)
Simulation (training for treating patients with COVID-19)	0	4	14	6	24 (18.9%)
Assessment	8	3	0	0	11 (8.7%)
Other or multiple areas of focus	2	5	1	1	9 (7.1%)
Well-being / mental health / learner support	3	1	3	1	8 (6.3%)
Telehealth	4	1	0	0	5 (3.9%)
Clinical service reconfiguration or early graduation to support the response to COVID-19	2	2	0	0	4 (3.1%)
Interviews (admission to medical school, selection to residency)	0	4	0	0	4 (3.1%)
Service provision	1	1	0	0	2 (1.6%)
Faculty or professional development	0	0	2	0	2 (1.6%)
Total	51	41	22	13	127 (100%)

Table 5: Focus of development

	Number of Studies
Kirkpatrick Level 1: Reaction or Satisfaction	98
Kirkpatrick Level 2a: Change in Attitudes	26
Kirkpatrick Level 2b: Change in Knowledge or Skills	47
Kirkpatrick Level 3: Change in Behavior	2
Kirkpatrick Level 4a: Change in Organizational Practice	6
Kirkpatrick Level 4b: Change in Clinical Outcomes	1
Kirkpatrick Not described	8
Other Outcomes (e.g., quality improvement, policy change, etc.)	30

Table 6: Kirkpatrick's or other outcomes

Note: several studies addressed multiple Kirkpatrick levels or had multiple outcomes