

Supplementary file 9: Coding details for effectiveness/intervention studies

SN	Authors' last name & Year of publication	Country	Intervention	Outcome
1.	Abdel-Tawab, (2002)	Egypt	Communication models	Patient Satisfaction
2.	Abouda, (2015)	Tunisia	Guidelines/Protocols	Clinical outcomes of an intervention; Provider Competency; Costs; Referral
3.	Abu Rumman, (2009)	Jordan	Guidelines/Protocols	Clinical outcomes of an intervention; Provider Competency; Costs
4.	Abubaker, (1999)	Egypt	Quality assurance methods/ programs	Clinical outcomes of an intervention; Patient Satisfaction; Knowledge and/or practice of patients
5.	Al Jumah, (2013)	KSA	Screening programs	Patient reported outcomes; Patient Satisfaction; Provider Satisfaction
6.	Al-Adsani, (2008)	Kuwait	Condition-specific management program	Provider Competency; Access
7.	Al-Baghli, (2013)	KSA	Promotion of evidence-based medicine	Provider Competency
8.	Al-Doghether, (2003)	KSA	Reminders	Provider Competency
9.	Alfadda, (2011)	KSA	Checklists	Provider Competency
10.	Al-Faris, (1997)	KSA	Training of Providers	Provider Competency
11.	Alhaidari, (2018)	Iraq	Reminders	Patient Satisfaction; Utilization
12.	Aljaber, (2015)	KSA	Quality assurance methods/ programs	
13.	Al-Khalidi, (2002)	KSA	Specialty outreach programs	Clinical outcomes of an intervention; Provider Competency
14.	Al-Khalidi, (2001)	KSA		Clinical outcomes of an intervention; Knowledge and/or practice of patients; Provider Competency

15.	Ardalan, (2013)	Iran	Public health education & Promotion	Knowledge and/or practice of patients
16.	Arevian, (2005)	Lebanon	Collaborative care program/model	Clinical outcomes of an intervention; Utilization; Provider Competency; Documentation of care; Costs
17.	Armenian, (1981)	Bahrain	internal peer case reviews	Provider Competency
18.	Awad, (2006)	Sudan	Audit and feedback; Multi-faceted	Provider Competency
19.	Barzegar, (1981)	Iran	Training of Providers	Clinical outcomes of an intervention; Utilization; Coverage
20.	Baynouna, (2010)	UAE	Quality assurance methods/ programs	Clinical outcomes of an intervention; Provider Competency; Documentation of care; Performance of PHC
21.	Benjamin, (1998)	Bahrain	Quality assurance methods/ programs	Patient Satisfaction; Provider Satisfaction; Provider Competency; Patient-provider interactions; Costs
22.	Derakhshan, (2003)	Iran	Screening programs	Patient reported outcomes; Patient Satisfaction; Patient-provider interactions
23.	Doocy, (2017)	Lebanon	Clinical decision support system	Patient Satisfaction; Provider satisfaction Provider competency; Patient-provider interactions Documentation of care;
24.	Dukhail Al-Khathami, (2011)	KSA	Training of Providers	Provider Competency
25.	El Mahalli, (2011)	Egypt	Guidelines/Protocols	Provider Competency
26.	El Nouman, (2009)	Egypt	Multi-faceted	Clinical outcomes of an intervention; Provider Competency Utilization; Patient-provider interactions

27.	El-Sayed, (2014)	Egypt	Training of Providers	Clinical outcomes of an intervention; Knowledge and/or practice of patients; Provider Competency; Patient-provider interactions
28.	Esmaily, (2010)	Iran	Training of Providers	Provider Competency
29.	Esmaily, (2014)	Iran	Training of Providers	Clinical outcomes of an intervention; Provider Competency
30.	Farzadfar, (2012)	Iran	Resources (human, equipment drugs and supplies)	Clinical outcomes of an intervention; Performance of PHC; Coverage
31.	Gadallah, (2009)	Egypt	primary healthcare system/ reforms	Patient Satisfaction; Provider Satisfaction
32.	Garjani, (2009)	Iran	Educational outreach	Provider Competency
33.	Hasan, (1997)	UAE	Guidelines/Protocols	Provider Competency
34.	Heydari, (2017)	Iran	primary healthcare system/ reforms	Patient Satisfaction; Coverage
35.	Hijazi, (2011)	Lebanon	Training of Providers	Provider Competency
36.	Huntington, (2010)	Egypt	Pay for performance	Provider Competency; Patient-provider interactions; Performance of PHC
37.	Kiemanh, (2016)	Sudan	Multi-faceted	Performance of PHC; Coverage
38.	Mahaba, (1996)	KSA		Clinical outcomes of an intervention; Provider Competency
39.	Mahi-Taright, (2004)	Algeria		Provider Competency; Documentation of care; referral
40.	Major, (1998)	Lebanon	Guidelines/Protocols; Resources (human, equipment drugs and supplies)	Documentation of care
41.	Malakouti, (2015)	Iran	Condition-specific management program	Clinical outcomes of an intervention; Provider competency; Coverage ; Access
42.	Malekafzali, (2000)	Iran	Community-based interventions	Knowledge and/or practice of patients
43.	Matheson, (2018)	UAE	Guidelines/Protocols	Provider Competency

44.	Midhet, (2011)	KSA	Public health education & Promotion; Training of Providers	Clinical outcomes of an intervention; Patient reported outcomes; Knowledge and/or practice of patients
45.	Moharram, (2008)	KSA	Flowsheet	Provider competency; Documentation of care
46.	Mohebbi, (2009)	Iran	Public health education & Promotion	Clinical outcomes of an intervention
47.	Moinfar, (2016)	Iran	Collaborative care program/model	Clinical outcomes of an intervention; Patient-provider interactions; Patient centered care
48.	Nasaif, (2012)	Bahrain	Educational outreach	Provider Competency
49.	Oveisi, (2010)	Iran	Public health education & Promotion	Knowledge and/or practice of patients
50.	Pflanz-Sinclair, (2017)	UAE	Guidelines/Protocols	Provider Competency
51.	Qureshi, (2006)	UAE	Training of Providers	Provider Competency
52.	Qureshi, (2011)	KSA	Training of Providers; Regulatory and administrative measures; Guidelines/Protocols	Provider Competency
53.	Reed, (2001)	UAE	Multi-faceted	Clinical outcomes of an intervention; Patient Satisfaction; Knowledge and/or practice of patients; Provider competency
54.	Reed, (2005)	UAE	Multi-faceted	Clinical outcomes of an intervention; Provider Competency
55.	Sadik, (2011)	Iraq	Training of Providers	Patient Satisfaction; Provider Competency
56.	Salem, (1999)	KSA	Training of Providers	Provider Competency
57.	Shah, (2006)	2 Or More Emr Countries	Training of Providers	Clinical outcomes of an intervention; Provider Competency
58.	Tahaineh, (2011)	Jordan	Extended professional roles	Clinical outcomes of an intervention
59.	Tawfik, (2016)	Egypt	Public health education & Promotion	Knowledge and/or practice of patients
60.	Zajac, (2000)	KSA	Guidelines/Protocols	Costs

61.	Zidouni, (2009)	Algeria	Guidelines/Protocols	Clinical outcomes of an intervention; Provider Competency
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