								Types of IPC		
		year					Sampling	practices		sample
Study Name	year	category	Country	Study design	Study setting	Profession	technique	assessed	Event	size
						All other		All others		
				Cross-	Hospitals all	types of		standard		
Umoh VA et al (2020)	2020	>2015	Nigeria	sectional	type	HCWs	Random	precautions	24	51
						All other				
				Cross-	Hospitals all	types of		Hand		
Adegboye MB et al (2018)	2018	>2015	Nigeria	sectional	type	HCWs	Others	hygiene only	26	80
								All others		
				Cross-	Hospitals all			standard		
Mursy SMM et al (2019)	2019	>2015	Sudan	sectional	type	Nurses only	Others	precautions	72	110
						All other		All others		
				Cross-	Hospitals all	types of		standard		
Desta M et al (2018)	2018	>2015	Ethiopia	sectional	type	HCWs	Others	precautions	86	150
								All others		
				Cross-	Hospitals all			standard		
Sarani et al (2015)	2015	<=2015	Iran	sectional	type	Nurses only	Random	precautions	71	170
					Hospitals and					
					other	All other		All others		
				Cross-	healthcare	types of		standard		
Assefa J et al (2020)	2020	>2015	Ethiopia	sectional	facilities	HCWs	Random	precautions	94	171
						All other				
				Cross-	Hospitals all	types of		Hand		
Iliyasu G et al (2016)	2016	>2015	Nigeria	sectional	type	HCWs	Others	hygiene only	130	200
								All others		
				Cross-	Hospitals all			standard		
Woldegioris T et al (2019)	2019	>2015	Ethiopia	sectional	type	Nurses only	Others	precautions	92	204
·						All other		All others		
				Cross-	Hospitals all	types of		standard		
Ngwa CH et al (2018)	2018	>2015	Cameron	sectional	type	HCWs	Random	precautions	41	216
								All others		
				Cross-	Hospitals all			standard		
Bekele I et al	2018	>2015	Ethiopia	sectional	type	Nurses only	Others	precautions	148	231

								All others		
				Cross-	Hospitals all			standard		
Suliman M et al (2018)	2018	>2015	Jordan	sectional	type	Nurses only	Others	precautions	161	247
						All other				
				Cross-	Hospitals all	types of		Hand		
Tenna A et al (2013)	2013	<=2015	Ethiopia	sectional	type	HCWs	Others	hygiene only	125	261
								All others		
				Cross-	Hospitals all			standard		
Askarian M et al (2005)	2005	<=2015	Iran	sectional	type	Nurses only	Others	precautions	53	270
						All other		All others		
				Cross-	Hospitals all	types of		standard		
Hussen SH et al (2017)	2017	>2015	Ethiopia	sectional	type	HCWs	Others	precautions	164	271
								All others		
				Cross-	Hospitals all			standard		
Sahiledengle B (2019)	2019	>2015	Ethiopia	sectional	type	Nurses only	Random	precautions	134	273
						All other		All others		
				Cross-	Hospitals all	types of		standard		
Yohaness T et al (2019)	2019	>2015	Ethiopia	sectional	type	HCWs	Random	precautions	41	274
						All other		All others		
				Cross-	Hospitals all	types of		standard		
Yazie TD et al (2019)	2019	>2015	Ethiopia	sectional	type	HCWs	Random	precautions	162	282
					Hospitals and					
					other	All other		All others		
				Cross-	healthcare	types of		standard		
Hang Pham TT et al (2019)	2019	>2015	Vietnam	sectional	facilities	HCWs	Random	precautions	151	314
						All other				
				Cross-	Hospitals all	types of		Hand		
Paudyal P et al (2008)	2008	<=2015	Nepal	sectional	type	HCWs	Others	hygiene only	227	324
						All other		All others		
					Hospitals all	types of		standard		
Temesgen C et al 2014)	2014	<=2015	Ethiopia	Others	type	HCWs	Others	precautions	206	326
						All other				
				Cross-	Hospitals all	types of		Hand		
Engdaw GT et al (2019)	2019	>2015	Ethiopia	sectional	type	HCWs	Random	hygiene only	50	335

					Hospitals and					
					other	All other		All others		
				Cross-	healthcare	types of		standard		
Gulilat K et al (2014)	2014	<=2015	Ethiopia	sectional	facilities	HCWs	Random	precautions	192	354
						All other		All others		
				Cross-	Hospitals all	types of		standard		
Ajibola S et al (2014)	2014	<=2015	Nigeria	sectional	type	HCWs	Random	precautions	23	372
						All other				
Hosseinialhashemi M et al				Cross-	Hospitals all	types of		Hand		
(2015)	2015	<=2015	Iran	sectional	type	HCWs	Others	hygiene only	121	377
								All others		
				Cross-	Hospitals all			standard		
Mengesha A et al (2020)	2020	>2015	Ethiopia	sectional	type	Nurses only	Others	precautions	200	409
						All other		All others		
				Cross-	Hospitals all	types of		standard		
Tadesse AW et al (2020)	2020	>2015	Ethiopia	sectional	type	HCWs	Random	precautions	168	422
					Hospitals and					
					other	All other		All others		
Gebresillassie A et al				Cross-	healthcare	types of		standard		
(2014)	2014	<=2015	Ethiopia	sectional	facilities	HCWs	Others	precautions	207	483
					Hospitals and					
					other	All other		All others		
				Cross-	healthcare	types of		standard		
Sahiledengle B et al (2018)	2018	>2015	Ethiopia	sectional	facilities	HCWs	Others	precautions	400	605
						All other				
Arinze-Onyia SU et al				Cross-	Hospitals all	types of		Hand		
(2018)	2018	>2015	Nigeria	sectional	type	HCWs	Others	hygiene only	208	629
					Hospitals and					
					other	All other		All others		
Geberemariyam BS et al				Cross-	healthcare	types of		standard		
(2018)	2018	>2015	Ethiopia	sectional	facilities	HCWs	Others	precautions	235	648

					Hospitals and					
					other	All other		All others		
					healthcare	types of		standard		
Laraqui O et al (2008)	2008	<=2015	Morocco	Others	facilities	HCWs	Others	precautions	1368	2086
						All other				
				Cross-	Hospitals all	types of		Hand		
Kebede B et al (2015)	2015	<=2015	Ethiopia	sectional	type	HCWs	Others	hygiene only	13	17
						All other				
				Cross-	Hospitals all	types of		Hand		
Legese T et al (2015)	2015	<=2015	Ethiopia	sectional	type	HCWs	Others	hygiene only	72	73
						All other				
				Cross-	Hospitals all	types of		Hand		
Alemu B et al (2015)	2015	<=2015	Ethiopia	sectional	type	HCWs	Others	hygiene only	32	47
						All other				
				Cross-	Hospitals all	types of		Hand		
Zewde GT (2019)	2019	>2015	Ethiopia	sectional	type	HCWs	Random	hygiene only	93	125
						All other				
				Cross-	Hospitals all	types of		Hand		
Koech SJ et al 2021	2021	>2015	Keniya	sectional	type	HCWs	Random	hygiene only	150	301
						All other				
				Cross-	Hospitals all	types of		Hand		
Ekwere T et al 2013	2013	<=2015	Nigeria	sectional	type	HCWs	Random	hygiene only	301	430
						All other				
				Cross-	Hospitals all	types of		Hand		
Gajida Au et al 2020	2020	>2015	Nigeria	sectional	type	HCWs	Others	hygiene only	236	302
					Hospitals and					
					other	All other				
Oluwagbemiga AO et al				Cross-	healthcare	types of		Hand		
2020	2020	>2015	Nigeria	sectional	facilities	HCWs	Random	hygiene only	70	137
						All other				
				Cross-	Hospitals all	types of		Hand		
Alemayehu R et al 2016	2016	>2015	Ethiopia	sectional	type	HCWs	Random	hygiene only	205	208

						All other				
				Cross-	Hospitals all	types of		Hand		
Gezie H et al 2019	2019	>2015	Ethiopia	sectional	type	HCWs	Random	hygiene only	56	191
						All other				
				Cross-	Hospitals all	types of		Hand		
Jemal S 2018	2018	>2015	Ethiopia	sectional	type	HCWs	Random	hygiene only	39	91
						All other				
				Cross-	Hospitals all	types of		Hand		
Joshi SK et al 2013	2013	<=2015	Nepal	sectional	type	HCWs	Others	hygiene only	302	336
						All other		All others		
				Cross-	Hospitals all	types of		standard		
Yallew WW et al 2015	2015	<=2015	Ethiopia	sectional	type	HCWs	Others	precautions	232	422
						All other		All others		
				Cross-	Hospitals all	types of		standard		
Asmr Y et al 2019	2019	>2015	Ethiopia	sectional	type	HCWs	Others	precautions	77	128
								All others		
				Cross-	Hospitals all			standard		
Abreha N 2018	2018	>2015	Ethiopia	sectional	type	Nurses only	Others	precautions	78	108