

Table 3: Systematic review of 4-years of quasi-designs in JAMIA

Study	Journal	Informatics topic category	Quasi-experimental design	Limitation of quasi design mentioned in manuscript
Staggers et al.[20]	JAMIA	1	Counterbalanced study design	Yes
Schriger et al.[21]	JAMIA	1	A5	Yes
Patel et al.[22]	JAMIA	2	A5 (Study 1, phase 1)	No
Patel et al.[22]	JAMIA	2	A2 (Study 1, phase 2)	No
Borowitz et al.[23]	JAMIA	1	A2	No
Patterson et al.[24]	JAMIA	6	C1	Yes
Rocha et al.[25]	JAMIA	5	A2	Yes
Lovis et al.[26]	JAMIA	1	Counterbalanced study design	No
Hersh et al.[27]	JAMIA	6	B1	No
Makoul et al[28].	JAMIA	2	B1	Yes
Ruland et al.[29]	JAMIA	3	B1	No
DeLusignan et al.[30]	JAMIA	1	A1	No
Mekhjjan et al.[31]	JAMIA	1	A2 (study design 1)	Yes
Mekhjjan et al.[31]	JAMIA	1	B1 (study design 2)	Yes
Ammenwerth et al.[32]	JAMIA	1	A2	No
Oniki et al.[33]	JAMIA	5	C1	Yes

Liederman et al.[34]	JAMIA	1	A1 (study 1)	No
Liederman et al.[34]	JAMIA	1	A2* (study 2)	No
Rotich et al.[35]	JAMIA	2	A2*	No
Payne et al.[36]	JAMIA	1	A1	No
Hoch et al.[37]	JAMIA	3	A2*	No
Laerum et al.[38]	JAMIA	1	B1	Yes
Devine et al.[39]	JAMIA	1	Counterbalanced study design	
Dunbar et al.[40]	JAMIA	6	A1	
Lenert et al.[41]	JAMIA	6	A2	
Koide et al.[42]	IJMI	5	D4	No
Gonzalez-Hendrich et al.[43]	IJMI	2	A1	No
Anantharaman et al.[44]	IJMI	3	B1	No
Chae et al.[45]	IJMI	6	A2	No
Lin et al.[46]	IJMI	3	A1	No
Mikulich et al.[47]	IJMI	1	A2	Yes
Hwang et al.[48]	IJMI	1	A2	Yes
Park et al.[49]	IJMI	1	C2	No
Park et al.[49]	IJMI	1	D4	No

* could have been analyzed as an interrupted-time series design