

Supplementary Table 1. Search strategy

Databases	Search Keywords	Total
PubMed (2010-2018)	(((Smoking[Title/Abstract] OR Tobacco[Title/Abstract] OR Cigarette[Title/Abstract] OR Waterpipe[Title/Abstract])) AND (College[Title/Abstract] OR University[Title/Abstract] OR Students[Title/Abstract])) AND (Saudi[Title/Abstract] OR KSA[Title/Abstract])	120
Science Direct (2010-2018)	(Smoking OR Tobacco OR Cigarette OR Waterpipe) AND (College OR University OR Students) AND (Saudi OR KSA); Note: Find articles in: Title, Abstract, Keywords. Restrict research to: Review articles & Research articles.	16
APA PsycNET (2010-2018)	Any Field: smoking OR Any Field: Tobacco OR Any Field: Cigarette OR Any Field: Waterpipe AND Any Field: College OR Any Field: University OR Any Field: Students AND Any Field: Saudi OR Any Field: KSA AND Peer-Reviewed Journals only AND Year: 2000 To 2018	71
Web of Science (2010-2018)	TITLE: (smoking OR tobacco OR Cigarette OR Waterpipe) AND TITLE: (college OR University OR Students) AND TOPIC:(Saudi OR KSA)	46
CINAHL (2010-2018)	AB (smoking OR tobacco OR cigarette Or Waterpipe) AND AB (College Or University Or Students) AND AB (Saudi OR KSA)	35

Supplementary Table 2. Quality assessment of included articles based on Russell and Gregory's guidelines¹².

#	Source	Year	Q1	Q2	Q3	Q4	Q5	Quality Score
1	Abdulghani, ¹⁷	2017	Yes	Yes	No	Yes	Yes	4
2	Al-Mohaithef, ¹⁸	2018	Yes	Yes	Yes	No	Yes	4
3	Abd El Kader, ¹⁹	2018	Yes	Yes	No	Yes	Yes	4
4	Dar-Odeh, ²⁰	2017	Yes	Yes	No	Yes	Yes	4
5	Azhar, ²¹	2012	Yes	Yes	Yes	Yes	Yes	5
6	AL-Saegh, ²²	2017	Yes	Yes	Yes	No	Yes	4
7	Ansari, ²³	2017	Yes	Yes	Yes	No	Yes	4
8	Awan, ²⁴	2016	Yes	Yes	No	Yes	Yes	4
9	Al-Ghaneem, ²⁵	2016	Yes	Yes	Yes	Yes	Yes	5
10	Ansari, ²⁶	2016	Yes	Yes	No	Yes	Yes	4
11	Awan, ²⁷	2016	Yes	Yes	No	Yes	Yes	4
12	Koura, ²⁸	2011	Yes	Yes	Yes	No	Yes	4
13	Mandil, ²⁹	2010	Yes	Yes	Yes	Yes	Yes	5
14	Al-Kaabba, ³⁰	2011	Yes	Yes	No	Yes	Yes	4
15	Allohidan, ³¹	2017	Yes	Yes	Yes	No	Yes	4
16	AlQahtani, ³²	2017	Yes	Yes	No	Yes	Yes	4
17	el-Fetoh, ³³	2016	Yes	Yes	No	Yes	Yes	4
18	Mansour, ³⁴	2015	Yes	Yes	No	Yes	Yes	4
19	Shah, ³⁵	2015	Yes	Yes	Yes	No	Yes	4
20	Wali, ³⁶	2011	Yes	Yes	No	Yes	Yes	4
21	Mahfouz, ³⁷	2014	Yes	Yes	Yes	Yes	Yes	5
22	AlSwailem, ³⁸	2014	Yes	Yes	No	Yes	Yes	4
23	Al-Haqwi, ³⁹	2010	Yes	Yes	No	Yes	Yes	4
24	Hassan, ⁴⁰	2014	Yes	Yes	No	Yes	Yes	4
25	Almogbel, ⁴¹	2016	Yes	Yes	No	Yes	Yes	4
26	Taha, ⁴²	2010	Yes	Yes	Yes	Yes	Yes	5
27	Al-Mohamed, ⁴³	2010	Yes	Yes	Yes	No	Yes	4
28	Almutairi, ⁴⁴	2016	Yes	Yes	No	Yes	Yes	4
29	Torchyan, ⁴⁵	2016	Yes	Yes	Yes	No	Yes	4