

Supplemental Data

Table 1 – Databases and Individualized truncations of words

Database (number of titles)	Keywords
Medline (<i>n</i> = 654)	<ol style="list-style-type: none"> 1) ((social support or peer support or peer to peer support or peer-to-peer support) and (initiative* or program*)).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] 2) (physician* or clinician* or doctor* or medical student* or medical resident*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] 3) (education or undergraduate education or medical education or post-graduate education).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] 4) 2 or 3 5) 2 and 3 6) 1 and 5
Eric (<i>n</i> = 138)	<ol style="list-style-type: none"> 1) ((social support or peer support or peer to peer support or peer-to-peer support) and (initiative* or program*)).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] 2) (physician* or clinician* or doctor* or medical student* or medical resident*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] 3) (education or undergraduate education or medical education or post-graduate education).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] 4) 2 or 3 5) 2 and 3 6) 1 and 5
Embase (<i>n</i> =954)	<ol style="list-style-type: none"> 1) ((social support or peer support or peer to peer support or peer-to-peer support) and (initiative* or program*)).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word] 2) (physician* or clinician* or doctor* or medical student* or medical resident*).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]

	<p>3) (education or undergraduate education or medical education or post-graduate education).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]</p> <p>4) 2 and 3</p> <p>5) 1 and 4</p>
Grey literature: U of A library (n = 332)	peer support program AND “medical students or medicine students or students in medicine or residents or physicians or clinicians” AND “medical education or undergraduate education” AND “mental health or wellbeing or well-being” NOT “patients” NOT “peer mentoring or peer training or peer coaching” search filters = academic journals only
Grey literature: Google scholar (n = 100)	(medical education OR medical student OR clinician OR physician OR resident) AND mental health AND (peer group OR peer support OR peer support program)
Pubmed (n = 348)	(medical education OR medical student OR clinician OR physician OR resident) AND mental health AND (peer group OR peer support OR peer support program) NOT (patient or adolescent)

*Refined search not included in the last selection because the final result was 0. Selection of the articles will be done manually.

Table 2. Articles excluded and the reasons for exclusion (n = 20).

Author, year	Reasons for exclusion*
Al-Imari et al., 2016 ¹	1
Barnes et al., 2019 ²	1
Bender et al., 2013 ³	2
Campos et al., 2016 ⁴	1
Chakravarti et al., 2017 ⁵	1
Chan et al., 2012 ⁶	3
Ficklin et al., 2983 ⁷	4
Hebert et al., 2008 ⁸	5
Hillis et al., 2012 ⁹	4
Hu et al., 2012 ¹⁰	3
Hunt et al., 2020 ¹¹	1
Kahn et al., 1992 ¹²	6
Moir et al., 2018 ¹³	1
Pond et al., 2009 ¹⁴	1
Prasad et al., 2018 ¹⁵	4
Rohan et al., 2019 ¹⁶	1
Shapiro et al., 2014 ¹⁷	7
Spielman et al., 2015 ¹⁸	4
VanPelt et al., 2008 ¹⁹	3
Vinson et al., 2018 ²⁰	8

*Reasons:

1- not a peer support program, 2- intervention not in the inclusion criteria, 3- survey about a program that is not described well, 4- full text not available online, 5- population not in the inclusion criteria, 6- support program not provided by peers, 7- insufficient information about the program, 8- review of existing programs (references checked)

References

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