

Title: The experiences of homeless and vulnerably housed persons around health and social services. A protocol for a systematic review of qualitative studies

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1 **Abstract**

2 **Introduction:** Homeless and vulnerably housed individuals often have less access to services
3 compared to those in stable housing conditions. The experiences of homeless populations impact
4 their engagement and retention in social programs and healthcare services.

5 **Objective:** The aim of this protocol is to outline the methodological process of a systematic
6 review that will gather qualitative data on the factors influencing the acceptability and
7 accessibility of health and social service interventions targeted towards homeless and vulnerably
8 housed individuals.

9 **Methods:** This protocol adheres to the PRISMA-P reporting guidelines. We will search
10 MEDLINE, EMBASE, PsycINFO, and ERIC via Ovid; and ProQuest Applied Social Sciences
11 Index and Abstracts, Sociological Abstracts, Social Services Abstracts and Sociology Database
12 for qualitative studies published from 1994 to 2018. Articles will be screened by title and
13 abstract, and subsequently by full-text. Sex, gender, and diverse genders will be considered in
14 data extraction a priori framework. Methodological quality of qualitative studies will be assessed
15 using the CASP checklist for qualitative studies. Sex, gender, and other data will be analyzed and
16 key findings identified using framework analysis method. Confidence in key findings will be
17 assessed using GRADE CERQual.

18 **Discussion:** The systematic review outlined in this protocol will help to identify key evidence to
19 inform recommendations on providing social programs and healthcare services to homeless and
20 vulnerably housed populations in high-income countries like Canada.

21 **Introduction**

22 The perceptions of people who are homeless and vulnerably housed can affect their participation,
23 engagement, and retention in social and healthcare interventions. Different groups, such as
24 women, youth, and people susceptible to substance abuse, are faced with different emotional,
25 environmental, financial, and structural barriers when trying to access healthcare services.¹ For
26 example, homeless women report that their decision to leave their abusive partner is associated
27 with their social environment, networks, and ability to reach and access shelter services.² The
28 views of people experiencing social exclusion should be used to guide practitioners and ensure
29 that services are not only effective, but also inclusive and equitable.³ Such information is best
30 collected and analyzed through qualitative research, which allows for the study of complex
31 systems and experiences, and provides an in-depth understanding of stakeholder perspectives.⁴

32 Homeless and vulnerably housed individuals often have worse health outcomes because they
33 have less access to health and social services compared to those in stable housing conditions.⁵
34 For instance, homeless and vulnerably housed individuals have higher risks of chronic diseases,
35 serious mental illness, cognitive impairment, substance abuse, homicide, and suicide.^{5,6} This is a
36 significant public health problem in all countries.⁷ A growing need for interventions and health
37 policies addressing the risks and effects of homelessness has been recognized in the last ten
38 years.^{5,8}

39 There exists one systematic review of qualitative studies examining the perspective of homeless
40 people and those working to support them towards palliative care access and provision.⁹
41 However, it does not focus on a broad range of interventions which are likely to affect overall
42 biomedical, behavioral, and structural vulnerability factors described by UNAIDS¹⁰. Our

43 protocol outlines the methodological process of a qualitative systematic review of the perception
44 of homeless and vulnerably housed individuals on enabling factors influencing the acceptability
45 and accessibility of health and social interventions. The interventions under review include:
46 housing, care coordination, income, mental health and addiction, and women and youth
47 interventions. To our knowledge, there has not yet been a systematic review published on
48 qualitative studies on all our interventions of interest. The systematic review resulting from this
49 protocol will complement a concurrent review, examining the effectiveness and cost-
50 effectiveness of these interventions,¹¹ to develop evidence-based guidelines for providing social
51 programs and healthcare services to homeless and vulnerable housed persons.

52

53 **Methodology**

54 The systematic review aims to address the following research question: What do homeless and
55 vulnerably housed populations perceive as biomedical, behavioural, and structural enabling
56 factors that influence the accessibility and acceptability of health and social interventions?

57 The literature search will conform to the PRISMA for systematic review protocols (PRISMA-
58 P)¹² as closely as possible. The interventions reviewed include: housing, care coordination,
59 mental health and addictions, income, and women and youth interventions. (See Table 1:
60 Description of interventions). These interventions were identified through a Delphi Consensus
61 process¹³ involving a working group of health experts, researchers, and people with lived
62 homeless experience.

63 Homeless and vulnerably housed individuals are susceptible to biomedical, behavioural, and
64 structural factors, described by the UNAIDS¹⁰ vulnerability framework. These enabling factors

65 can positively influence interventions leading to improved physical, mental, and social health, as
66 well as improved social inclusion and health equity. However, unintentional adverse outcomes
67 may also result from these interventions. For example, service users may experience
68 stigmatization or discrimination when interacting with service providers. Additionally, providing
69 services which do not target the most vulnerable could further increase the health equity gap.
70 (See Figure 1: Logic Model).

71

72 ***1 Inclusion and Exclusion Criteria***

73 ***1.1 Study designs***

74 The review will consider studies that focus on qualitative data including, but not limited to,
75 ethnography (direct observation of study participants), grounded theory (face-to-face interviews
76 or interactions such as focus groups to explore a research phenomenon), and phenomenology
77 (similar data collection methods as grounded theory, but focuses on understanding how human
78 beings experience their world).⁴ Studies which analyze and report their results quantitatively,
79 including mixed-methods studies, will not be considered in this review because such study
80 designs often do not provide in-depth analysis of qualitative data.

81 ***1.2 Participants***

82 The review will examine perceptions of unspecified homeless and vulnerably housed
83 populations, defined as individuals experiencing a range of physical living situations including
84 those who are unsheltered, emergency shelter, provisionally accommodated, or at risk of
85 homelessness.¹⁴ Subpopulations of interest include women, youth, and people with acquired
86 brain injury, intellectual, or physical disabilities, which were identified as priority groups in the

87 Delphi Consensus.¹³ The perceptions of additional priority groups, Indigenous peoples and
88 refugees/migrants, will be covered in separate reviews. Equity considerations to be noted are as
89 follows: place of residence, ethnicity/ culture/ language, gender/sex, religion, education,
90 socioeconomic status, social capital, and disability.

91 ***Gender-based analysis***

92 We will use a gender-based analysis to examine the intersection of sex and gender with other
93 identity factors. The research will look at studies on the perception of women, men and gender-
94 diverse people. We acknowledge that gender is a social construct that attributes roles,
95 responsibilities, norms, aptitudes, behaviours, and expectations to individuals. The analysis will
96 seek to understand the complexity of different aspects of identity or different socio-economic
97 factors so as to mitigate or eliminate differential negative impacts. Our indigenous health
98 research groups will be examining and making conclusion on indigenous populations.

99

100 ***1.3 Interventions***

101 The intervention groups of interest include: housing, care coordination, income, mental health
102 and addiction, and women and youth interventions.¹¹ (See Table 1: Description of interventions).
103 We will include studies that have multi-component interventions.

104 ***1.4 Review outcomes***

105 Descriptions of primary outcomes are listed below:

- 106 • ***Identification of enabling biomedical, behavioural and structural factors*** that affect the
107 target population's participation, engagement, and adherence to specific interventions.

- 108 ● *Valuation of positive and negative outcomes of interventions*: The importance placed
109 upon the positive and negative outcomes directly related to the interventions of interest.
- 110 ● *Acceptability of interventions*: The willingness of the individual to participate or adhere
111 to the intervention based on their subjective attitudes, preferences, and perspective
112 toward the intervention itself or the process of receiving it (e.g. cultural appropriateness
113 and fears about the intervention)
- 114 ● *Accessibility of interventions*: The opportunity or ease with which individuals utilize an
115 intervention in proportion to their needs. Determinants of accessibility include barriers
116 and facilitators such as policies, community factors, healthcare service organization, or
117 the delivery of the intervention itself.

118

119 *1.5 Duration of follow-up*

120 No duration of follow-up will be excluded.

121 *1.6 Settings*

122 Interventions to be included are those occurring where the primary care of people who are
123 homeless or vulnerably housed takes place. Primary care is the “entry point to the larger health
124 care system”¹⁵ and can be provided by professionals from many disciplines such as family
125 physicians, psychiatrists, emergency physicians etc. For example, we will include primary care
126 interventions provided in the community, private or non-private clinics, hospitals, street care, etc.
127 Studies conducted in middle or low-income countries will be excluded from the review to
128 prevent disparities in intervention provision or outcome variability related to the country’s
129 resource availability and gross national income. This will also ensure that the data collected is

130 applicable to a Canadian context, as the findings of this review will inform an evidence-based
131 Canadian guideline project.

132 *1.7 Date and language restrictions*

133 Publication dates will be limited to the range of January 1994 to January 2018. This reflects the
134 date in which the Canadian government cancelled new long-term investments in social
135 housing,¹⁶ thereby exacerbating homelessness in Canada to present day. We will not exclude
136 studies on the basis of publication language.

137 *2. Search Strategy*

138 A search strategy will be developed and peer-reviewed by a librarian with expertise in systematic
139 review searching. The following electronic databases will be searched for qualitative studies:
140 MEDLINE, EMBASE, PsycINFO, and ERIC via Ovid; and ProQuest Applied Social Sciences
141 Index and Abstracts, Sociological Abstracts, Social Services Abstracts and Sociology Database.
142 The search will be restricted from 1994 to 2018. There will be no language restrictions set for the
143 search. The search strategy will use a combination of indexed terms, free text words and MeSH
144 headings (See Table 2: Search Strategy). We will consider primary studies of relevant systematic
145 reviews which come up in our search. If more than one version of a study or systematic review is
146 identified, we will select the most recent version. If the two versions report on different
147 outcomes, both studies may be included.

148
149 In addition, we will search specific grey literature for published guidelines and reports at relevant
150 organizations websites. Some examples are: PHAC, WHO, CDC, UNDP, Canadian Agency for
151 Drugs and Technologies in Health, the Institute of Health Economics, the National Institute for

152 Health and Care Excellence, EuroScan, ECDC, UNAIDS, and the Centre for Reviews and
153 Dissemination database. The literature search results will be uploaded to a reference manager
154 software package to facilitate the study selection process.

155

156 ***3. Study Screening and Selection***

157 Two review authors will independently assess all the potential studies identified as a result of the
158 search strategy for inclusion using inclusion and exclusion criteria (See Table 3: Summary of
159 eligibility criteria). Full reports will be obtained for studies that appear to meet the criteria and
160 studies where the title and abstract alone are insufficient to determine eligibility. The criteria will
161 be piloted on a sample of studies using a calibration exercise before being applied. We will
162 resolve any disagreements through discussion or, if required, we will consult a third review
163 author. The full texts of potentially eligible citations will then be screened independently in
164 duplicate.

165

166 ***4. Data Extraction***

167 We will develop a standardized extraction sheet informed by the “Risk and Vulnerability
168 Framework” described by UNAIDS¹⁰ (See Table 4: Data extraction sheet). The data extraction
169 sheet will be piloted by two independent reviewers. Teams of two reviewers will then extract
170 data from included studies in duplicate and independently. The two reviewers will compare
171 results and resolve disagreements by discussion or with help from a third reviewer. At a
172 minimum, we will extract results as they apply to the framework.

173

174 ***5. Quality assessment of included studies***

175 The quality of primary studies will be assessed using the Critical Appraisal Skills Programme
176 (CASP) for qualitative studies. CASP is a tool that assesses the validity, results, and applicability
177 of results of clinical research.¹⁷ Quality assessment criteria will not be used to include or exclude
178 studies but will be used to assess confidence in the findings.

179

180 ***6. Confidence of the evidence of included studies***

181 We will use the Confidence in the Evidence from Reviews of Qualitative research (CERQual)
182 tool to assess the confidence of our findings.¹⁸ This tool is a new method for assessing the
183 strength of qualitative review evidence, similar to how the GRADE approach assesses the
184 strength of quantitative evidence. CERQual bases the evaluation on four criteria: (a)
185 methodological limitations of included studies supporting a review finding, (b) the relevance of
186 included studies to the review question, (c) the coherence of the review finding, and (d) the
187 adequacy of the data contributing to a review finding. Key findings will be presented in a
188 CERQual Summary of Findings Table.

189

190 ***7. Qualitative Analysis and Synthesis***

191 We will use the framework method as a systematic and flexible approach to analysing qualitative
192 data¹⁹ and group ideas of acceptability, values, preferences, and accessibility across key
193 populations. Addressing homelessness relies on the combination of evidence-based behavioural,
194 biomedical, and structural intervention strategies. Combination intervention programmes operate
195 on different levels (e.g. individual, relationship, community, and societal levels) to address the
196 specific and diverse needs of vulnerable populations at risk.¹⁰ The “Risk and Vulnerability
197 Framework”, adapted from UNAIDS,¹⁰ will be used to identify factors (causes of risk and

198 vulnerability) and patient preferences which influence intervention access, use, and acceptability.
199 This framework will additionally identify biomedical, behavioural, and structural factors that act
200 as enabling factors and influence corresponding causes of risk and vulnerability to homelessness.
201 (See Table 5: Risk and vulnerability framework descriptions). As previously mentioned, we will
202 utilize a gender-based analysis to discern any differences in results on the basis of gender.

203

204 **Dissemination**

205 We will use the findings of this systematic review, findings of a separate quantitative synthesis
206 on the effectiveness and cost-effectiveness of interventions for homeless and vulnerably housed
207 individuals, systematic reviews on the prevalence of disease burden, and specific grey literature
208 to create a guideline document for family practitioners. This document aims to inform
209 practitioners and allied health professionals of evidence based recommendations and resources
210 for homeless and vulnerably housed persons. We will publish the completed systematic review in
211 as an open access document in the Canadian Medical Association Journal.

212

213 **Funding Sources**

214 This work is supported by Inner City Health Associates and Employment and Social
215 Development Canada, Government of Canada.

216

217 **Conflicts of Interest**

218 There are no reported competing interests.

219

220 **Author Contributions**

221 KP conceptualized the work. OM, AS, QA, AG, AR, VK, VYL drafted the manuscript. DP, KP
222 provided content expertise. All authors revised and approved the final manuscript.

Table 1: Description of the interventions of interest

Intervention	Category	Description
Housing interventions	Housing First	An evidence-based supportive housing intervention for homeless populations experiencing mental illness and substance use
Mental health interventions	Assertive Community Treatment (ACT)	Offers team-based care by a multidisciplinary team of healthcare workers that provide services tailored to the needs of each person
	Intensive Case Management (ICM)	Helps service users maintain housing and achieve a better quality of life through the support of a case manager
	Pharmacological interventions for psychosis	Effectiveness of injectable antipsychotics as a first line of treatment for homeless individuals in precarious situations
Addictions interventions	Supervised consumption facilities	Legally sanctioned facilities where people who use intravenous drugs can inject pre-obtained drugs under medical supervision
	Managed alcohol programs	Includes shelter, medical assistance, social services and the provision of regulated alcohol to help residents cope with alcohol dependence
	Pharmacological interventions for opioid therapy	Injectable medications for opioid use disorder (eg: Naloxone)
Interventions for care coordination and case management	Peer-support	Provision of encouragement, affiliation and services by or with an individual who has experienced a similar background to the service user
	Non-intensive case management	Including Clinical Case Management and Standard Case Management which allow for the provision of an array of social, healthcare, and other services with the goal of helping individuals maintain good health and strong social relationships
Interventions for income assistance	Direct Income assistance	Benefits and programs offered by individuals or institutions that increase income with the goal of improving socioeconomic status
	Cost Reduction	Addresses critical social determinants of health needs for which

	Support/Indirect Income Assistance	a person would otherwise be paying out of their basic income
Interventions for women and youth	Women	Motivational interview counselling, structured education sessions, therapeutic communities, and multimodal interventions
	Youth	Place-based interventions, youth and family focused therapy interventions, parental monitoring interventions, and street outreach and addictions services

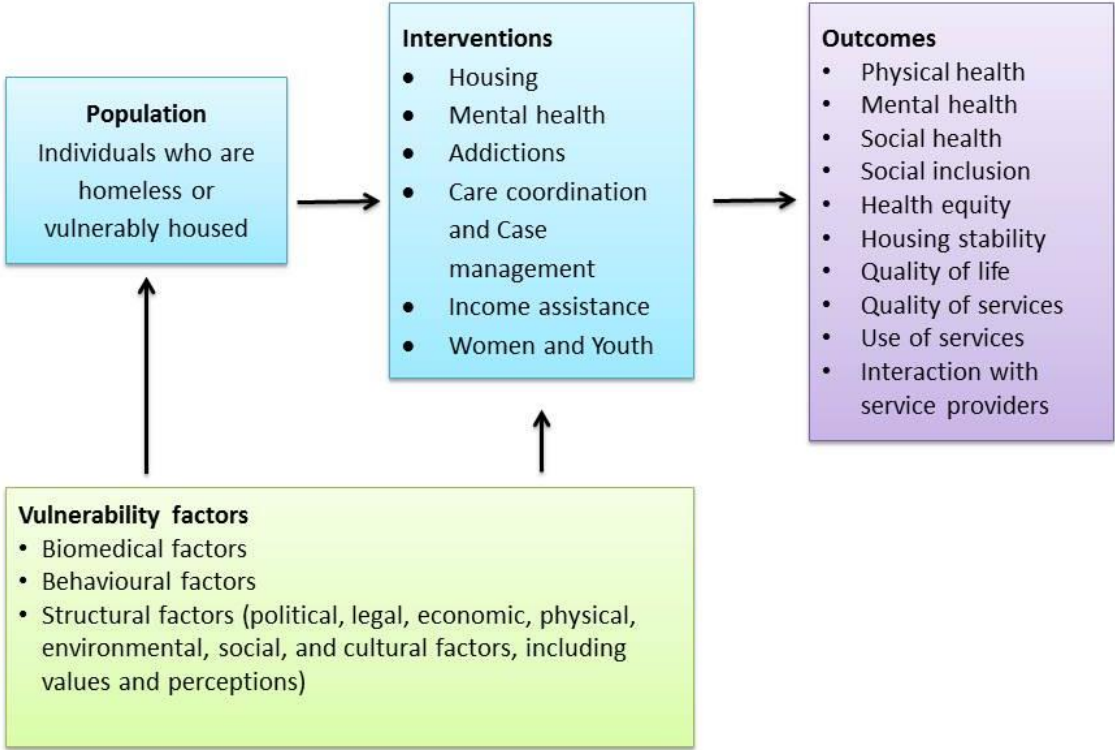


Figure 1: Logic Model related to vulnerabilities and interventions

Table 2: Search Strategy

Step	Indexed terms, free text words and MeSH headings
1	exp homeless persons/ or exp homeless man/ or exp homeless youth/ or exp homeless woman/
2	(homeless* or underhouse* or roofless* or unhouse* or squatter* or shelter* or unsheltered).ti,ab.
3	("no fixed address" or "seeking shelter" or "street involved" or "sleeping rough" or "unstable housing" or "housing instability" or "precarious housing" or "precariously housed" or "lack of housing" or "rough sleep" or "vulnerably housed").ti,ab.
4	(((homeless or street or transient* or marginal* or vulnerabl*) adj2 (population or person or persons or people* or individual or individuals or adult or adults or child* or youth* or men or man or women or woman)) or ((temporary or untabl* or vulnerabl*) adj2 (hous* or accommodation* or shelter* or hostel* or dwelling*))).ti,ab.
5	1 or 2 or 3 or 4
6	exp health knowledge, attitudes, practice/ or exp patient satisfaction/ or exp patient preference/ or exp health services accessibility/ or exp health equity/ or exp Attitude to Health/ or exp self efficacy/ or exp Adaptation, Psychological/ or exp health education/ or exp Health Risk Behaviors/ or exp social behavior/
7	(patient adj3 (value* or preference* or belie* or attitude? or perspective* or view*)).ti,ab.
8	((access or accessib*) adj5 (care or health*)).tw.
9	(acceptable or acceptabilit\$ or prefer\$ or satisf\$ or useful\$ or utility or value\$ or perspective* or view* or perceived or belie* or knowledge or expect*).ti,ab.
10	((biomedic* or behavio?r* or structur* or physical or environment* or social or politic* or econom* or cultur*) adj5 (factor* or barrier* or facilitator*)).ti,ab.
11	6 or 7 or 8 or 9 or 10
12	(((("semi-structured" or semistructured or unstructured or informal or "in-depth" or indepth

	or "face-to-face" or structured or guide) adj3 (interview* or discussion* or questionnaire*)) or (focus group* or qualitative or ethnograph* or fieldwork or "field work" or "key informant").ti,ab. or interviews as topic/ or focus groups/ or narration/ or qualitative research/
13	5 and 11 and 12
14	limit 13 to yr="1994 -Current"

Table 3: Summary of eligibility criteria

Population	We will consider studies of homeless and vulnerably housed individuals of high income countries.
Setting	Primary care setting in high-income countries. Studies conducted in low- and middle-income countries will be excluded. No restriction on rural or urban settings.
Interventions	Interventions of interest include interventions for housing, care coordination, income, mental health and addiction, and women and youth described above. However, studies will be included in our review as long as the intervention is related and/or generalizable to the six topics of interest.
Comparison	No intervention or other intervention comparison.
Outcomes	Identification of biomedical, behavioural and structural factors affecting patient perspectives, views, attitudes and beliefs regarding the intervention(s) and the barriers and enabling factors to implementation and use; valuation of positive and negative intervention outcomes; views about acceptability and accessibility of interventions.
Study Design	The review will focus on the values and perceptions of homeless and vulnerably housed persons, which is most appropriately answered through qualitative research. Qualitative methods may include, but is not limited to, ethnography, grounded theory or phenomenology. Any study which utilizes survey data or statistical reporting of results will be excluded, as will commentaries or discussions on the subject. Qualitative data from a mixed methods study will be excluded.
Restrictions	Date of publication limited from January 1994 to January 2018. No language restrictions.

Table 4: Data Extraction Sheet

Bibliographic Details	Author	
	Year	
	Title	
	Publication information	<i>Journal name, volume, issue, page numbers, doi.</i>
Methods	Population and Setting	<i>Description of geographic context (country, city), intervention context (ex: primary care setting), and target population</i>
	Study Objective	<i>As reported in the study</i>
	Study Methodology	<i>Data collection and analysis methods</i>
	Sample size and Characteristics	<i>How many participants were included, what was the response rate/lost to follow up, characteristics of population (ex: age, sex, education, employment, etc)</i>
	Length of Follow-up	<i>If applicable</i>
	Intervention Description	<i>Describe the intervention(s) included in the study. What is implemented, how is it done, by whom, for whom, etc.</i>
Key Findings	Biomedical	<i>Themes and concepts identified in the study, including supporting quotes and author interpretations</i>
	Behavioural	
	Structural - Social and Cultural	
	Structural - Political, Legal, Economic	
	Structural - Physical Environment	

	Other	
Conclusions	Evidence Summary	
	Source of Funding	<i>Source of funding and role of the funder</i>
	Other Information	<i>Ethical considerations, if applicable, other.</i>

Table 5: Risk and Vulnerability Framework level descriptions (adapted from UNAIDS)¹⁰

FRAMEWORK LEVEL	DESCRIPTION
Biomedical	<ul style="list-style-type: none"> ● Bodily states that can contribute to the development of chronic disease ● May also be influenced by behavioural risk factors
Behavioural	<ul style="list-style-type: none"> ● Individual lifestyle-related factors that influence health and may lead to development or prevention of disease or disability ● May include alcohol and drug use, inactivity, or care-seeking behaviours
Structural	<ul style="list-style-type: none"> ● Environmental conditions outside of the control of individuals that influence their perceptions, their behaviour and their health ● Activities designed to alter specific environmental factors to create a more enabling environment for treatment, care and support ● May include features of the social, cultural, economic, political and physical environment

References

1. Campbell DJT, O'Neill BG, Gibson K et al. Primary healthcare needs and barriers to care among Calgary's homeless population. *BMC Family Practice*. 2015;16:139.
2. Baholo M, Christofides N, Wright A, et al. Women's experiences leaving abusive relationships: a shelter-based qualitative study. *Culture, Health & Sexuality*. 2015;17(5):638-649.
3. Luchenski S, Maguire N, Aldridge RW et al. What works in inclusion health: overview of effective interventions for marginalised and excluded populations. *The Lancet*. 2017 Nov 12.
4. Sutton J, Austin Z. Qualitative Research: Data Collection, Analysis, and Management. *The Canadian Journal of Hospital Pharmacy*. 2015;68(3):226-231.
5. Fitzpatrick-Lewis D, Ganann R, Krishnaratne S et al. Effectiveness of interventions to improve the health and housing status of homeless people: a rapid systematic review. *BMC Public Health*. 2011;11:638-638.
6. Public Health Agency of Canada. *The human face of mental health illness in Canada*. Ottawa: Public Health Agency of Canada; 2006.
7. Toro PA, Tompsett CJ, Lombardo S et al. Homelessness in Europe and the United States: A comparison of prevalence and public opinion. *Journal of Social Issues*. 2007;63(3):505-524.
8. Butler-Jones D. *The Chief Public Health Officer's Report on the State of Public Health in Canada*: 2008. Ottawa: Public Health Agency of Canada; 2008.

9. Hudson BF, Flemming K, Shulman C et al. Challenges to access and provision of palliative care for people who are homeless: a systematic review of qualitative research. *BMC Palliative Care*. 2016;15:96. doi:10.1186/s12904-016-0168-6.
10. UNAIDS. (2010). *Combination HIV Prevention: Tailoring and Coordinating Biomedical, Behavioural and Structural Strategies to Reduce New HIV Infections: A UNAIDS Discussion Paper*. Geneva: UNAIDS; 2010. Available from: http://www.unaids.org/sites/default/files/media_asset/JC2007_Combination_Prevention_paper_en_0.pdf
11. Pottie K, Matthew C, Mendoca O et al. Protocol: Evaluating the effectiveness of interventions to improve the health and healthcare of homeless and vulnerably housed persons; housing, care coordination, income, and mental health and addictions for clinical and public health. *Campbell Collaboration [in progress]*; 2018.
12. Moher D, Shamseer L, Clarke M et al. Preferred reporting items for systematic review and meta-analysis protocols (PRISMA-P) 2015 statement. *Syst Rev* 2015;4:1.
13. Shoemaker E Kendall C Mayhew A Mathew C Crispo S Welch V Andermann A Lalonde C Bloch G Aubrey T Tugwell P Stergiopoulos V Pottie K. Developing Canadian evidence based guidelines to improve the health of homeless and vulnerably housed women, youth and men: modified Delphi consensus. [in progress]; 2018.
14. Canadian Observatory on Homelessness. *Canadian Definition of Homelessness*. Retrieved November 17, 2016, from <http://homelesshub.ca/homelessdefinition>.
15. Tarlier, D. Definition of primary health care. *Health San Francisco*. 2007;273(2001):192.

16. Dupuis J. Federal Housing Policy: An Historical Perspective. Library of Parliament, Parliamentary Research Branch; 2003 Jan 8. Available from:
<https://lop.parl.ca/Content/LOP/ResearchPublicationsArchive/pdf/bp1000/prb0255-e.pdf>
17. Singh J. Critical appraisal skills programme. Journal of Pharmacology and Pharmacotherapeutics. 2013 Jan 1;4(1):76.
18. Lewin S, Glenton C, Munthe-Kaas H et al. Using qualitative evidence in decision making for health and social interventions: an approach to assess confidence in findings from qualitative evidence syntheses (GRADE-CERQual). PLoS Medicine. 2015 Oct 27;12(10):e1001895.
19. Gale NK, Heath G, Cameron E et al. Using the framework method for the analysis of qualitative data in multi-disciplinary health research. BMC Medical Research Methodology. 2013;13:117.