

Hepatitis C screening: Search Update

Conducted by University of Alberta ERSC; Submitted January 30, 2017

Search strategy & selection

We updated the original database searches designed and run by CADTH, for the period of November 1, 2015 to December 1, 2016, with two modifications. (1) CADTH reported conducting a limited PubMed search in November 2015 to capture records not found in Medline. The PubMed search strategy was not included in the review report. Since 2015, Ovid has made available a data file that includes electronic publications ahead of print (i.e., publisher records added to PubMed via electronic submission), in-process and other non-indexed citations, and Medline records. This 2016 update search was conducted in the new Ovid Medline file that includes electronic, in-process and non-indexed citations. Subsequently, we did not conduct an additional PubMed search as we felt confident the Ovid searches retrieved all relevant records not found in Medline. (2) An economic filter for the Embase database appeared to be missing from CADTH's original KQ3 (Cost-effectiveness) search strategy. We adjusted the reported search by inserting CADTH's economic evaluations/cost/economic models Embase filter (<https://www.cadth.ca/resources/finding-evidence/strings-attached-cadths-database-search-filters#eco>) starting at line 126. In addition to these database searches, we performed a grey literature search based on relevant sites listed in the CADTH grey matters checklist. Appendix A contains our full search as implemented and a table of our grey literature searches.

Two reviewers independently screened all titles and abstracts using broad inclusion criteria, and any citation thought by either reviewer as possible relevant at this stage moved on to full text screening by both reviewers. At this stage, citations were selected for inclusion or exclusion based on a structured form containing the detailed PICOTS and independent review, with any discrepancies resolved by consensus and/or a discussion with a third party.

Results

Figures 1 and 2 show the flow of the citations, for both our search update and incorporating these numbers into the CADTH review. Our database search retrieved 1071 citations and the grey literature search another 5 items for review (total n=1076). No studies were included in this search update. The excluded studies list, with reasons for each citation, is

included below.

Figure 1. Flow diagram for search update

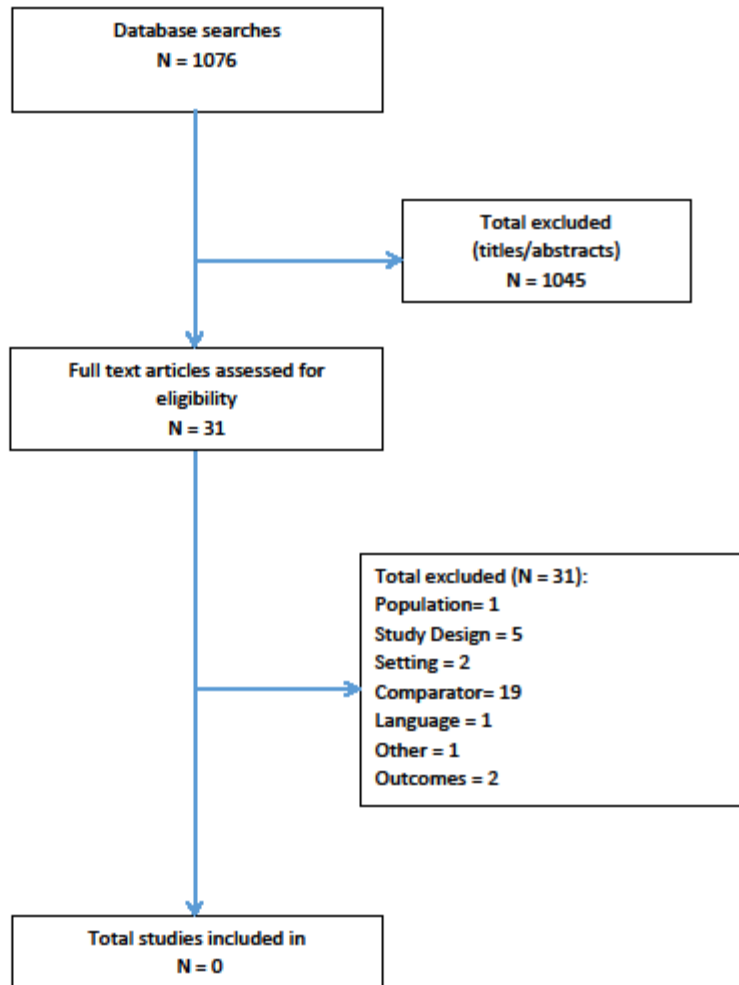
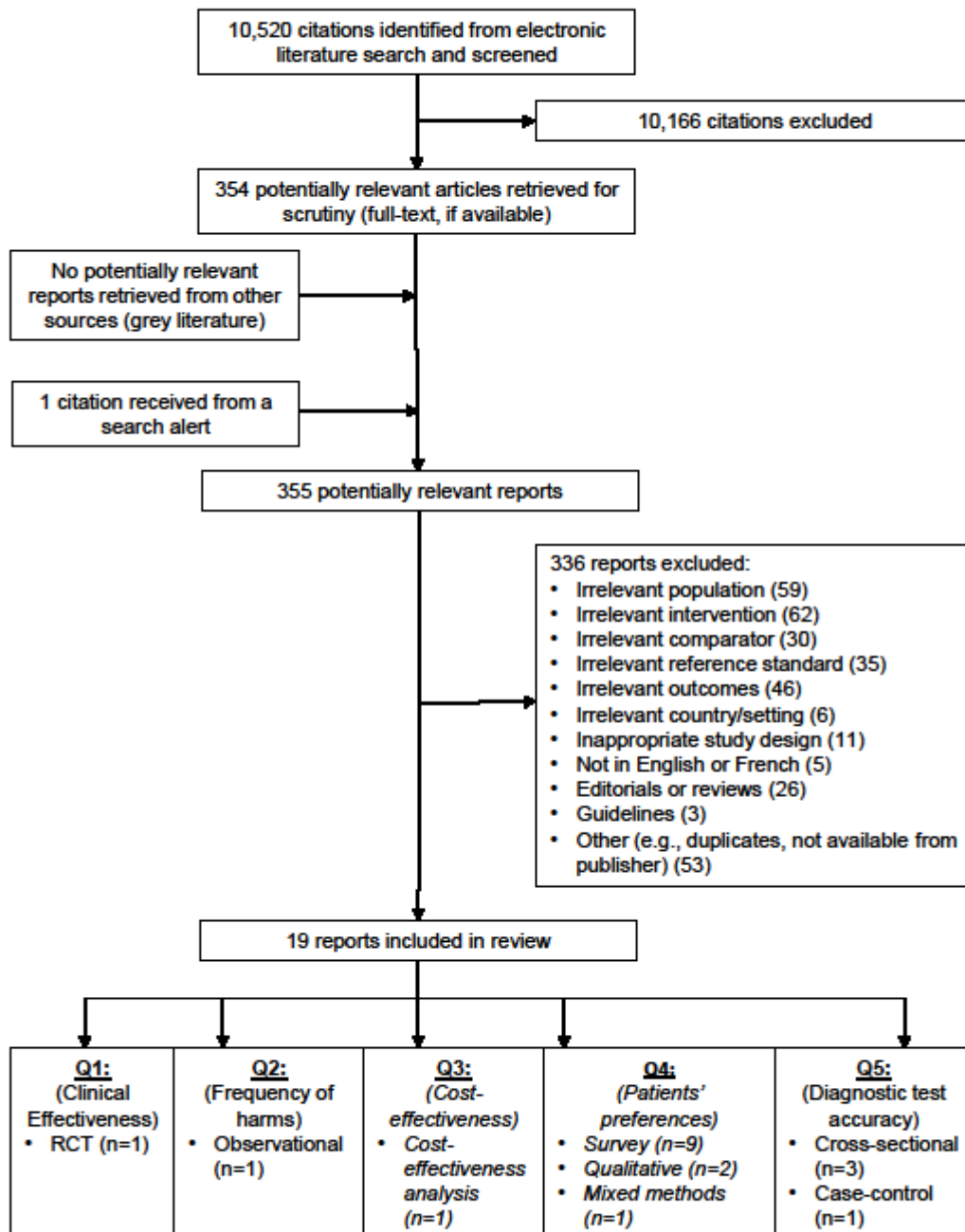


Figure 2. Final PRISMA for SR



List of Excluded Studies

Population

1. Udompap P, Mannalithara A, Heo NY, et al. Increasing prevalence of cirrhosis among U.S. adults aware or unaware of their chronic hepatitis C virus infection. *Journal of Hepatology*. 2016 01 May;64(5):1027-32. doi: <http://dx.doi.org/10.1016/j.jhep.2016.01.009>. PMID: 608667371.

Study Design

2. Canadian Agency for Drugs and Technologies in Health. Screening and Treatment for Patients with NS5A Resistance-Associated Variants of Hepatitis C Virus: A Review of Clinical Effectiveness, Cost-Effectiveness, and Guidelines CADTH. Ottawa, ON: 2016.
3. Canadian Agency for Drugs and Technologies in Health. Point of Care Tests for Infectious Diseases: Review of Clinical and Cost-Effectiveness, and Guidelines CADTH. Ottawa, ON: 2016.
4. Ferreira FA, de Almeida-Neto C, Teixeira MC, et al. Health-related quality of life among blood donors with hepatitis B and hepatitis C: longitudinal study before and after diagnosis. *Revista Brasileira de Hematologia e Hemoterapia*. 2015 Nov-Dec;37(6):381-7. doi: <http://dx.doi.org/10.1016/j.bjhh.2015.08.004>. PMID: 26670400.
5. Ghany MG. Should family physicians routinely screen patients for hepatitis C?: Yes: Screening makes sense for high-risk adults. *American Family Physician*. 2016 January;93(1):15-6. PMID: 607645186.
6. Lin KW. Should family physicians routinely screen patients for hepatitis C?: No: One-time Screening Still Has Too Many Unanswered Questions. *American Family Physician*. 2016 January;93(1):17-8. PMID: 607645217.

Setting (Economic Evaluation not in Canada)

7. He T, Li K, Roberts MS, et al. Prevention of hepatitis C by screening and treatment in U.S. prisons. *Annals of Internal Medicine*. 2016 19 Jan;164(2):84-92. doi: <http://dx.doi.org/10.7326/M15-0617>. PMID: 607896087.
8. Selvapatt N, Ward T, Harrison L, et al. The cost impact of outreach testing and treatment for hepatitis C in an urban Drug Treatment Unit. *Liver International*. 2016doi: <http://dx.doi.org/10.1111/liv.13240>. PMID: 612265284.

Comparator

9. Anderson ES, Pfeil SK, Deering LJ, et al. High-impact hepatitis C virus testing for injection drug users in an urban ED. *American Journal of Emergency Medicine*. 2016 Jun;34(6):1108-11. doi: <http://dx.doi.org/10.1016/j.ajem.2016.03.004>. PMID: 27037135.
10. Arain A, De Sousa J, Corten K, et al. Pilot Study: Combining Formal and Peer Education with FibroScan to Increase HCV Screening and Treatment in Persons who use Drugs. *Journal of Substance Abuse Treatment*. 2016 Aug;67:44-9. doi: <http://dx.doi.org/10.1016/j.jsat.2016.04.001>. PMID: 27296661.

11. Blackburn NA, Patel RC, Zibbell JE. Improving screening methods for hepatitis C among people who inject drugs: Findings from the HepTLC initiative, 2012-2014. *Public Health Reports*. 2016 May-June;131:91-7. PMID: 610326511.
12. Bottero J, Boyd A, Gozlan J, et al. Simultaneous Human Immunodeficiency Virus-Hepatitis B-Hepatitis C Point-of-Care Tests Improve Outcomes in Linkage-to-Care: Results of a Randomized Control Trial in Persons Without Healthcare Coverage. *Open Forum Infectious Diseases*. 2015 Dec;2(4):ofv162. doi: <http://dx.doi.org/10.1093/ofid/ofv162>. PMID: 26668814.
13. Brady JE, Liffmann DK, Yartel A, et al. Uptake of hepatitis C screening, characteristics of patients tested, and intervention costs in the BEST-C study. *Hepatology*. 2016 Oct 22;22:22. doi: <http://dx.doi.org/10.1002/hep.28880>. PMID: 27770543.
14. Chhatwal J, Wang X, Ayer T, et al. Hepatitis C Disease Burden in the United States in the era of oral direct-acting antivirals. *Hepatology*. 2016 Nov;64(5):1442-50. doi: <http://dx.doi.org/10.1002/hep.28571>. PMID: 27015107.
15. Coyle C, Kwakwa H, Viner K. Integrating routine HCV testing in primary care: Lessons learned from five federally qualified health centers in Philadelphia, Pennsylvania, 2012-2014. *Public Health Reports*. 2016 May-June;131:65-73. PMID: 610326485.
16. Durham DP, Skrip LA, Bruce RD, et al. The impact of enhanced screening and treatment on Hepatitis C in the United States. *Clinical Infectious Diseases*. 2016 01 Feb;62(3):298-304. doi: <http://dx.doi.org/10.1093/cid/civ894>. PMID: 609357137.
17. Falade-Nwulia O, Mehta SH, Lasola J, et al. Public health clinic-based hepatitis C testing and linkage to care in Baltimore. *Journal of Viral Hepatitis*. 2016 May;23(5):366-74. doi: <http://dx.doi.org/10.1111/jvh.12507>. PMID: 26840570.
18. Jena AB, Stevens W, Gonzalez YS, et al. The wider public health value of HCV treatment accrued by liver transplant recipients. *American Journal of Managed Care*. 2016 May;22(6 Spec No.):SP212-9. PMID: 27266951.
19. Jonas MC, Rodriguez CV, Redd J, et al. Streamlining screening to treatment: The Hepatitis C cascade of care at Kaiser Permanente Mid-Atlantic States. *Clinical Infectious Diseases*. 2016 15 May;62(10):1290-6. doi: <http://dx.doi.org/10.1093/cid/ciw086>. PMID: 610302023.
20. Kalem F, Yuksekkaya S, Dagi HT, et al. Comparative evaluation of automated chemiluminescence tests and RIBA assay used in HCV diagnosis. *Biomedical Research (India)*. 2016;27(4):1261-4. PMID: 612959906.
21. Linthicum MT, Gonzalez YS, Mulligan K, et al. Value of expanding HCV screening and treatment policies in the United States. *American Journal of Managed Care*. 2016 May;22(6 Spec No.):SP227-35. PMID: 27266953.
22. Miller LS, Rollin F, Fluker SA, et al. High-Yield Birth-Cohort Hepatitis C Virus Screening and Linkage to Care Among Underserved African Americans, Atlanta, Georgia, 2012-2013. *Public Health Reports*. 2016 May-Jun;131 Suppl 2:84-90. PMID: 27168666.
23. Norton BL, Southern WN, Steinman M, et al. No Differences in Achieving Hepatitis C Virus Care Milestones Between Patients Identified by Birth Cohort or Risk-Based Screening. *Clinical Gastroenterology & Hepatology*. 2016 Sep;14(9):1356-60. doi: <http://dx.doi.org/10.1016/j.cgh.2016.04.017>. PMID: 27108792.

24. Sarkar S, Esserman DA, Skanderson M, et al. Disparities in hepatitis C testing in U.S. veterans born 1945-1965. *Journal of Hepatology*. 2016 Aug;65(2):259-65. doi: <http://dx.doi.org/10.1016/j.jhep.2016.04.012>. PMID: 27130843.
25. Taylor BS, Hanson JT, Veerapaneni P, et al. Hospital-Based Hepatitis C Screening of Baby Boomers in a Majority Hispanic South Texas Cohort: Successes and Barriers to Implementation. *Public Health Reports*. 2016 May-Jun;131 Suppl 2:74-83. PMID: 27168665.
26. White DA, Anderson ES, Pfeil SK, et al. Results of a Rapid Hepatitis C Virus Screening and Diagnostic Testing Program in an Urban Emergency Department. *Annals of Emergency Medicine*. 2016 Jan;67(1):119-28. doi: <http://dx.doi.org/10.1016/j.annemergmed.2015.06.023>. PMID: 26253712.
27. Younossi ZM, LaLuna LL, Santoro JJ, et al. Implementation of baby boomer hepatitis C screening and linking to care in gastroenterology practices: A multi-center pilot study. *BMC Gastroenterology*. 2016 04 Apr;16 (1) (no pagination)(45)doi: <http://dx.doi.org/10.1186/s12876-016-0438-z>. PMID: 609901827.

Language

28. Kissler A. Hepatitis C virus screening in hospitals. Health Technology Assessment Database: Ludwig Boltzmann Institut fuer Health Technology Assessment (LBIHTA); 2016.

Outcomes

29. Bourgi K, Brar I, Baker-Genaw K. Health disparities in hepatitis C screening and linkage to care at an integrated health system in southeast Michigan. *PLoS ONE*. 2016 August;11 (8) (no pagination)(e0161241)doi: <http://dx.doi.org/10.1371/journal.pone.0161241>. PMID: 611884645.
30. White DAE, Anderson ES, Pfeil SK, et al. Hepatitis C virus screening and emergency department length of stay. *PLoS ONE*. 2016 October;11 (10) (no pagination)(e0164831)doi: <http://dx.doi.org/10.1371/journal.pone.0164831>. PMID: 612830974.

Other (duplicate not removed)

31. The Health Technology Assessment Unit, University of Calgary. Hepatitis C Screening in Alberta University of Calgary Cumming School of Medicine, University of Calgary O'Brien Institute for Public Health,. Calgary, AB: 2016.

Appendix A.

Search Strategy Implemented

Database: Embase 1996 to 2016 Week 48, Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) 1946 to Present

Search Title: Hep_C_Screening_Q1a_ClinicalEffectiveness

Multi-Database Strategy:

1. Hepatitis C/ or Hepatitis C, Chronic/ or Hepacivirus/ or Hepatitis C Antibodies/ or exp Hepatitis C Antigens/
2. (hepatitis C or hepC or hep C or hepacivirus* or HCV).ti,ab,kf.
3. 1 or 2
4. exp Mass screening/
5. (detect or detection or screen or screens or screened or screening).ti,ab,kf.
6. 4 or 5
7. 3 and 6
8. meta-analysis.pt.
9. meta-analysis/ or systematic review/ or meta-analysis as topic/ or "meta analysis (topic)"/ or "systematic review (topic)"/ or exp technology assessment, biomedical/
10. ((systematic* adj3 (review* or overview*)) or (methodologic* adj3 (review* or overview*))).ti,ab.
11. ((quantitative adj3 (review* or overview* or syntheses*)) or (research adj3 (integrati* or overview*))).ti,ab.
12. ((integrative adj3 (review* or overview*)) or (collaborative adj3 (review* or overview*)) or (pool* adj3 analy*)).ti,ab.
13. (data syntheses* or data extraction* or data abstraction*).ti,ab.
14. (handsearch* or hand search*).ti,ab.
15. (mantel haenszel or peto or der simonian or dersimonian or fixed effect* or latin square*).ti,ab.
16. (met analy* or metanaly* or technology assessment* or HTA or HTAs or technology overview* or technology appraisal*).ti,ab.
17. (meta regression* or metaregression*).ti,ab.
18. (meta-analy* or metaanaly* or systematic review* or biomedical technology assessment* or biomedical technology assessment*).mp,hw.
19. (medline or cochrane or pubmed or medlars or embase or cinahl).ti,ab,hw.
20. (cochrane or (health adj2 technology assessment) or evidence report).jw.
21. (meta-analysis or systematic review).af.
22. (comparative adj3 (efficacy or effectiveness)).ti,ab.
23. (outcomes research or relative effectiveness).ti,ab.
24. ((indirect or indirect treatment or mixed-treatment) adj comparison*).ti,ab.
25. or/8-24
26. (Randomized Controlled Trial or Controlled Clinical Trial).pt.
27. (Clinical Trial or Clinical Trial, Phase II or Clinical Trial, Phase III or Clinical Trial, Phase IV).pt.
28. Multicenter Study.pt.
29. Randomized Controlled Trial/
30. Randomized Controlled Trials as Topic/
31. "Randomized Controlled Trial (topic)"/
32. Controlled Clinical Trial/
33. Controlled Clinical Trials as Topic/
34. "Controlled Clinical Trial (topic)"/
35. Clinical Trial/ or Phase 2 Clinical Trial/ or Phase 3 Clinical Trial/ or Phase 4 Clinical Trial/
36. Clinical Trials as Topic/ or Clinical Trials, Phase II as Topic/ or Clinical Trials, Phase III as Topic/ or Clinical Trials, Phase IV as Topic/
37. "Clinical Trial (topic)"/ or "Phase 2 Clinical Trial (topic)"/ or "Phase 3 Clinical Trial (topic)"/ or "Phase 4 Clinical Trial (topic)"/
38. Multicenter Study/ or Multicenter Study as Topic/ or "Multicenter Study (topic)"/

39. Randomization/
40. Random Allocation/
41. Double-Blind Method/
42. Double Blind Procedure/
43. Double-Blind Studies/
44. Single-Blind Method/
45. Single Blind Procedure/
46. Single-Blind Studies/
47. Placebos/
48. Placebo/
49. Control Groups/
50. Control Group/
51. Cross-Over Studies/ or Crossover Procedure/
52. (random* or sham or placebo*).ti,ab,hw.
53. ((singl* or doubl*) adj (blind* or dumm* or mask*)).ti,ab,hw.
54. ((tripi* or trebli*) adj (blind* or dumm* or mask*)).ti,ab,hw.
55. (control* adj3 (study or studies or trial*)).ti,ab,hw.
56. (clinical adj3 (study or studies or trial*)).ti,ab,hw.
57. (Nonrandom* or non random* or non-random* or quasi-random* or quasirandom*).ti,ab,hw.
58. (phase adj3 (study or studies or trial*)).ti,ab,hw.
59. ((crossover or cross-over) adj3 (study or studies or trial*)).ti,ab,hw.
60. ((multicent* or multi-cent*) adj3 (study or studies or trial*)).ti,ab,hw.
61. allocated.ti,ab,hw.
62. ((open label or open-label) adj5 (study or studies or trial*)).ti,ab,hw.
63. trial.ti.
64. or/26-63
65. exp animals/
66. exp animal experimentation/
67. exp models animal/
68. exp animal experiment/
69. nonhuman/
70. exp vertebrate/
71. animal.ti.
72. or/65-71
73. exp humans/
74. exp human experiment/
75. human.ti.
76. or/73-75
77. 72 not 76
78. 64 not 77
79. epidemiologic methods.sh.
80. epidemiologic studies.sh.
81. cohort studies/
82. cohort analysis/
83. longitudinal studies/
84. longitudinal study/
85. prospective studies/
86. prospective study/
87. follow-up studies/
88. follow up/
89. followup studies/
90. retrospective studies/
91. retrospective study/
92. case-control studies/
93. exp case control study/
94. cross-sectional study/

95. observational study/
 96. quasi experimental methods/
 97. quasi experimental study/
 98. validation studies.pt.
 99. (observational adj3 (study or studies or design or analysis or analyses)).ti,ab.
 100. cohort*.ti,ab.
 101. (prospective adj7 (study or studies or design or analysis or analyses or cohort)).ti,ab.
 102. ((follow up or followup) adj7 (study or studies or design or analysis or analyses)).ti,ab.
 103. ((longitudinal or longterm or (long adj term)) adj7 (study or studies or design or analysis or analyses or data or cohort)).ti,ab.
 104. (retrospective adj7 (study or studies or design or analysis or analyses or cohort or data or review)).ti,ab.
 105. ((case adj control) or (case adj comparison) or (case adj controlled)).ti,ab.
 106. (case-referent adj3 (study or studies or design or analysis or analyses)).ti,ab.
 107. (population adj3 (study or studies or analysis or analyses)).ti,ab.
 108. (descriptive adj3 (study or studies or design or analysis or analyses)).ti,ab.
 109. ((multidimensional or (multi adj dimensional)) adj3 (study or studies or design or analysis or analyses)).ti,ab.
 110. (cross adj sectional adj7 (study or studies or design or research or analysis or analyses or survey or findings)).ti,ab.
 111. ((natural adj experiment) or (natural adj experiments)).ti,ab.
 112. (quasi adj (experiment or experiments or experimental)).ti,ab.
 113. ((non experiment or nonexperiment or non experimental or nonexperimental) adj3 (study or studies or design or analysis or analyses)).ti,ab.
 114. (prevalence adj3 (study or studies or analysis or analyses)).ti,ab.
 115. case series.ti,ab.
 116. case reports.pt.
 117. case report/
 118. case study/
 119. (case adj3 (report or reports or study or studies or histories)).ti,ab.
 120. organizational case studies.sh.
 121. or/79-120
 122. (disease adj2 (progress* or predict* or prognosis) adj2 (Outcome* or Risk* or Model*)).ti,ab,kf.
 123. (Predict* adj2 (Outcome* or Risk* or Model*)).ti,ab,kf.
 124. ((History or Variable* or Criteria or Scor* or Characteristic* or Finding* or Factor*) adj2 (Predict* or Model* or Decision* or Identif* or Prognos*)).ti,ab,kf.
 125. ((Prognostic or prognostic) adj2 (History or Variable* or Criteria or Scor* or Characteristic* or Finding* or Factor* or Model*)).ti,ab,kf.
 126. Disease model*.ti,ab,kf.
 127. Decision*.ti,ab,kf. and *Logistic Models/
 128. 122 or 123 or 124 or 125 or 126 or 127
 129. 7 and 25
 130. 7 and 78
 131. 7 and 121
 132. 7 and 128
 133. 129 or 130 or 131 or 132
 134. limit 133 to english language
 135. limit 133 to french
 136. 134 or 135
 137. limit 136 to yr="2000 -Current"
 138. 137 use ppez
 139. exp hepatitis C/ or exp Hepatitis C virus/ or exp hepatitis C antibody/ or exp hepatitis C antigen/
 140. 2 or 139
 141. exp antibody screening/ or exp mass screening/ or exp screening/ or exp screening test/
 142. 5 or 141
 143. 140 and 142

144. 25 and 143
145. 78 and 143
146. 121 and 143
147. 128 and 143
148. 144 use emef
149. 145 use emef
150. 146 use emef
151. 147 use emef
152. 148 or 149 or 150 or 151
153. 152 not conference abstract.pt.
154. limit 153 to english language
155. limit 153 to french
156. 154 or 155
157. limit 156 to yr="2000 -Current"
158. 138 or 157
159. limit 158 to yr="2000 - 2010"
160. remove duplicates from 159
161. limit 158 to yr="2011 -Current"
162. remove duplicates from 161
163. 160 or 162 [End of CADTH strategy - all other lines ARCHE update]
164. (201511* or 201512* or 2016*).dp,dc,dd,ep.
165. "2016".yr.
166. 163 and (164 or 165)

Database: Embase 1996 to 2016 Week 48, Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) 1946 to Present

Search Title: Hep_C_Screening_Q1b_ClinicalEffectiveness_Risk_Prevalence_Based_Screening

Multi-Database Strategy:

1. Hepatitis C/ or Hepatitis C, Chronic/ or Hepacivirus/ or Hepatitis C Antibodies/ or exp Hepatitis C Antigens/
2. (hepatitis C or hepC or hep C or hepacivirus* or HCV).ti,ab,kf.
3. 1 or 2
4. (opportunistic adj2 (screen* or detect or detection or test or testing or tests)).ti,ab,kf.
5. (universal adj2 (screen* or detect or detection or test or testing or tests)).ti,ab,kf.
6. ((individual or group or public or formal or informal or ongoing exposure or active or spontaneous or proactive* or preemptiv* or community or communities or open or widespread or organised or organized or target* or population focused or specific population or population based or group specific or group based or first line) adj2 (screen* or detect or detection or test or tests or testing) adj2 (program* or service or services or pathway* or path way or path ways)).ti,ab,kf.
7. ((behaviour* or behavior* or risk or risks or riskbased* or prevalence) adj2 (screen*or detect or detection or test or testing or tests)).ti,ab,kf.
8. ((primary care or point of care or POC or ER or ED or emergency department or emergency room) adj2 (screen*or detect or detection or test or testing or tests)).ti,ab,kf.
9. (screen* adj3 (test or testing) adj3 (antibody or antibodies)).ti,ab,kf.
10. 4 or 5 or 6 or 7 or 8 or 9
11. 3 and 10
12. exp hepatitis C/ or exp Hepatitis C virus/ or exp hepatitis C antibody/ or exp hepatitis C antigen/
13. 2 or 12
14. 10 and 13
15. 11 use ppez
16. 14 use emef
17. 15 or 16
18. limit 17 to yr="2000 -Current"

19. limit 18 to english language
20. limit 19 to french
21. 19 or 20
22. remove duplicates from 21
23. 22 not conference abstract.pt. [End of CADTH strategy - all other lines ARCHE update]
24. (201511* or 201512* or 2016*).dp,dc,dd,ep.
25. "2016".yr.
26. 23 and (24 or 25)

Database: Embase 1996 to 2016 Week 48, Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) 1946 to Present

Search Title: Hep_C_Screening_Q1c_ClinicalEffectiveness_Enzyme_Immunoassay

Multi-Database Strategy:

1. Hepatitis C/ or Hepatitis C, Chronic/ or Hepacivirus/ or Hepatitis C Antibodies/ or exp Hepatitis C Antigens/
2. (hepatitis C or hepC or hep C or hepacivirus* or HCV).ti,ab,kf.
3. 1 or 2
4. exp Mass screening/
5. (detect or detection or screen or screens or screened or screening).ti,ab,kf.
6. 4 or 5
7. 3 and 6
8. meta-analysis.pt.
9. meta-analysis/ or systematic review/ or meta-analysis as topic/ or "meta analysis (topic)"/ or "systematic review (topic)"/ or exp technology assessment, biomedical/
10. ((systematic* adj3 (review* or overview*)) or (methodologic* adj3 (review* or overview*))).ti,ab.
11. ((quantitative adj3 (review* or overview* or synthes*)) or (research adj3 (integrati* or overview*))).ti,ab.
12. ((integrative adj3 (review* or overview*)) or (collaborative adj3 (review* or overview*)) or (pool* adj3 analy*)).ti,ab.
13. (data synthes* or data extraction* or data abstraction*).ti,ab.
14. (handsearch* or hand search*).ti,ab.
15. (mantel haenszel or peto or der simonian or dersimonian or fixed effect* or latin square*).ti,ab.
16. (met analy* or metanaly* or technology assessment* or HTA or HTAs or technology overview* or technology appraisal*).ti,ab.
17. (meta regression* or metaregression*).ti,ab.
18. (meta-analy* or metaanaly* or systematic review* or biomedical technology assessment* or biomedical technology assessment*).mp,hw.
19. (medline or cochrane or pubmed or medlars or embase or cinahl).ti,ab,hw.
20. (cochrane or (health adj2 technology assessment) or evidence report).jw.
21. (meta-analysis or systematic review).af.
22. (comparative adj3 (efficacy or effectiveness)).ti,ab.
23. (outcomes research or relative effectiveness).ti,ab.
24. ((indirect or indirect treatment or mixed-treatment) adj comparison*).ti,ab.
25. or/8-24
26. (Randomized Controlled Trial or Controlled Clinical Trial).pt.
27. (Clinical Trial or Clinical Trial, Phase II or Clinical Trial, Phase III or Clinical Trial, Phase IV).pt.
28. Multicenter Study.pt.
29. Randomized Controlled Trial/
30. Randomized Controlled Trials as Topic/
31. "Randomized Controlled Trial (topic)"/
32. Controlled Clinical Trial/
33. Controlled Clinical Trials as Topic/

34. "Controlled Clinical Trial (topic)"/
35. Clinical Trial/ or Phase 2 Clinical Trial/ or Phase 3 Clinical Trial/ or Phase 4 Clinical Trial/
36. Clinical Trials as Topic/ or Clinical Trials, Phase II as Topic/ or Clinical Trials, Phase III as Topic/ or Clinical Trials, Phase IV as Topic/
37. "Clinical Trial (topic)"/ or "Phase 2 Clinical Trial (topic)"/ or "Phase 3 Clinical Trial (topic)"/ or "Phase 4 Clinical Trial (topic)"/
38. Multicenter Study/ or Multicenter Study as Topic/ or "Multicenter Study (topic)"/
39. Randomization/
40. Random Allocation/
41. Double-Blind Method/
42. Double Blind Procedure/
43. Double-Blind Studies/
44. Single-Blind Method/
45. Single Blind Procedure/
46. Single-Blind Studies/
47. Placebos/
48. Placebo/
49. Control Groups/
50. Control Group/
51. Cross-Over Studies/ or Crossover Procedure/
52. (random* or sham or placebo*).ti,ab,hw.
53. ((singl* or doubl*) adj (blind* or dumm* or mask*)).ti,ab,hw.
54. ((tripl* or trebl*) adj (blind* or dumm* or mask*)).ti,ab,hw.
55. (control* adj3 (study or studies or trial*)).ti,ab,hw.
56. (clinical adj3 (study or studies or trial*)).ti,ab,hw.
57. (Nonrandom* or non random* or non-random* or quasi-random* or quasirandom*).ti,ab,hw.
58. (phase adj3 (study or studies or trial*)).ti,ab,hw.
59. ((crossover or cross-over) adj3 (study or studies or trial*)).ti,ab,hw.
60. ((multicent* or multi-cent*) adj3 (study or studies or trial*)).ti,ab,hw.
61. allocated.ti,ab,hw.
62. ((open label or open-label) adj5 (study or studies or trial*)).ti,ab,hw.
63. trial.ti.
64. or/26-63
65. exp animals/
66. exp animal experimentation/
67. exp models animal/
68. exp animal experiment/
69. nonhuman/
70. exp vertebrate/
71. animal.ti.
72. or/65-71
73. exp humans/
74. exp human experiment/
75. human.ti.
76. or/73-75
77. 72 not 76
78. 64 not 77
79. epidemiologic methods.sh.
80. epidemiologic studies.sh.
81. cohort studies/
82. cohort analysis/
83. longitudinal studies/
84. longitudinal study/
85. prospective studies/
86. prospective study/
87. follow-up studies/

88. follow up/
89. followup studies/
90. retrospective studies/
91. retrospective study/
92. case-control studies/
93. exp case control study/
94. cross-sectional study/
95. observational study/
96. quasi experimental methods/
97. quasi experimental study/
98. validation studies.pt.
99. (observational adj3 (study or studies or design or analysis or analyses)).ti,ab.
100. cohort*.ti,ab.
101. (prospective adj7 (study or studies or design or analysis or analyses or cohort)).ti,ab.
102. ((follow up or followup) adj7 (study or studies or design or analysis or analyses)).ti,ab.
103. ((longitudinal or longterm or (long adj term)) adj7 (study or studies or design or analysis or analyses or data or cohort)).ti,ab.
104. (retrospective adj7 (study or studies or design or analysis or analyses or cohort or data or review)).ti,ab.
105. ((case adj control) or (case adj comparison) or (case adj controlled)).ti,ab.
106. (case-referent adj3 (study or studies or design or analysis or analyses)).ti,ab.
107. (population adj3 (study or studies or analysis or analyses)).ti,ab.
108. (descriptive adj3 (study or studies or design or analysis or analyses)).ti,ab.
109. ((multidimensional or (multi adj dimensional)) adj3 (study or studies or design or analysis or analyses)).ti,ab.
110. (cross adj sectional adj7 (study or studies or design or research or analysis or analyses or survey or findings)).ti,ab.
111. ((natural adj experiment) or (natural adj experiments)).ti,ab.
112. (quasi adj (experiment or experiments or experimental)).ti,ab.
113. ((non experiment or nonexperiment or non experimental or nonexperimental) adj3 (study or studies or design or analysis or analyses)).ti,ab.
114. (prevalence adj3 (study or studies or analysis or analyses)).ti,ab.
115. case series.ti,ab.
116. case reports.pt.
117. case report/
118. case study/
119. (case adj3 (report or reports or study or studies or histories)).ti,ab.
120. organizational case studies.sh.
121. or/79-120
122. (disease adj2 (progress* or predict* or prognosis) adj2 (Outcome* or Risk* or Model*)).ti,ab,kf.
123. (Predict* adj2 (Outcome* or Risk* or Model*)).ti,ab,kf.
124. ((History or Variable* or Criteria or Scor* or Characteristic* or Finding* or Factor*) adj2 (Predict* or Model* or Decision* or Identif* or Prognos*)).ti,ab,kf.
125. Decision*.ti,ab,kf. and *Logistic Models/
126. ((Prognostic or prognostic) adj2 (History or Variable* or Criteria or Scor* or Characteristic* or Finding* or Factor* or Model*)).ti,ab,kf.
127. Disease model*.ti,ab,kf.
128. 122 or 123 or 124 or 125 or 126 or 127
129. exp Enzyme-Linked Immunosorbent Assay/
130. (ELISA or EIA or enzyme immunoassa* or enzyme linked immunosorben* or enzyme linked immunoassa* or enzyme linked immuno-sorben* or enzyme linked immunoblot*).ti,ab,kf.
131. ((immunosorb* or immuno-sorb*) adj2 enzyme* adj2 (assay or assays)).ti,ab,kf.
132. (Index test or index tests or index standard).ti,ab,kf.
133. 129 or 130 or 131 or 132
134. 7 and 133
135. 134 and 25

136. 134 and 78
137. 134 and 121
138. 134 and 128
139. 135 or 136 or 137 or 138
140. exp hepatitis C/ or exp Hepatitis C virus/ or exp hepatitis C antibody/ or exp hepatitis C antigen/
141. 2 or 140
142. exp antibody screening/ or exp mass screening/ or exp screening/ or exp screening test/
143. 5 or 142
144. 141 and 143
145. exp enzyme linked immunosorbent assay/
146. 130 or 131 or 132 or 145
147. 144 and 146
148. 147 use emef
149. 148 and 25
150. 148 and 78
151. 148 and 121
152. 148 and 128
153. 149 or 150 or 151 or 152
154. 139 use ppez
155. 153 or 154
156. limit 155 to yr="2000 -Current"
157. limit 156 to english language
158. limit 156 to french
159. 157 or 158
160. remove duplicates from 159
161. 160 not conference abstract.pt. [End of CADTH strategy - all other lines ARCHE update]
162. (201511* or 201512* or 2016*).dp,dc,dd,ep.
163. "2016".yr.
164. 161 and (162 or 163)

Database: Embase 1996 to 2016 Week 48, Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) 1946 to Present

Search Title: Hep_C_Screening_Q2_Harms

Strategy:

1. *Hepatitis C/ or *Hepatitis C, Chronic/ or *Hepacivirus/ or *Hepatitis C Antibodies/ or exp *Hepatitis C Antigens/
2. (hepatitis C or hepC or hep C or hepacivirus* or HCV).ti,kf.
3. 1 or 2
4. exp *Mass screening/
5. (detect or detection or screen or screens or screened or screening).ti,kf.
6. 4 or 5
7. 3 and 6
8. exp safety/
9. equipment safety/
10. exp equipment failure/
11. consumer product safety/
12. "product recalls and withdrawals"/
13. medical device recalls/
14. "safety-based medical device withdrawals"/
15. product surveillance, postmarketing/
16. postmarketing surveillance/
17. clinical trial, phase iv.pt.

18. phase 4 clinical trial/
19. clinical trials, phase iv as topic/
20. "phase 4 clinical trial (topic)"/
21. exp postoperative complications/
22. exp postoperative complication/
23. exp intraoperative complications/
24. peroperative complication/
25. exp side effect/
26. "side effects (treatment)"/
27. (hazard* or defect* or misuse* or failure* or malfunction* or error*).ti.
28. (safe* or adverse* or undesirable or harm* or injurious or risk or risks or reaction* or complication* or poison*).ti.
29. (side effect* or safety or unsafe).ti,ab.
30. ((adverse or undesirable or harm* or toxic or injurious or serious or fatal) adj3 (effect* or reaction* or event* or outcome* or incident*)).ab.
31. (toxic or toxicit* or toxicologic* or intoxication or noxious or tolerability or teratogen*).ti,ab.
32. (warning* or recall* or withdrawn* or withdrawal*).ti.
33. (death or deaths or fatal or fatality or fatalities).ti.
34. or/8-33
35. exp Enzyme-Linked Immunosorbent Assay/ae, px [Adverse Effects, Psychology]
36. exp Disclosure/ or exp Self Disclosure/ or exp Ethics/ or social support/ or *privacy/ or exp *Sociology/ or exp Psychology, Social/
37. (overdiagnos* or over diagnos* or overtreat* or misdiagnose*).ti,ab,kf.
38. ((over or unnecessar* or excess*) adj2 (treat* or test* or procedure*)).ti,ab,kf.
39. (stress or stressor* or anxious or anxiety or descriminat* or stigma* or violence or violent or social or harm or harms or anxiety or anxieties or threat or threatening or threatened).ti,ab,kf.
40. (psychological or psycholog* or psychosocial or preference* or motivation* or intention* or behaviour* or behavior* or attitude* or moral or morals or morality or ethics or ethical or bioethic* or genethic* or confidential* or disclosure* or communication or acceptance or accepting or adjustment or ethic* or moral* or privacy).ti.
41. ((care or treatment or presumed) adj2 (duty or obligat* or consent)).ti.
42. (inform* adj (choice* or decision* or consent)).ti.
43. (social adj (responsib* or obligat*)).ti.
44. (legal* or liabilit* or litigation* or constitutional or justice or law or laws or jurisprudence or complicit*).ti.
45. human right*.ti,ab,kf.
46. civil right*.ti,ab,kf.
47. (prejudice* or inequalit* or fairness).ti,ab,kf.
48. ((care or treatment) adj2 (duty or obligat*)).ti,ab,kf.
49. (social* adj (responsibl* or obligat*)).ti,ab,kf.
50. (communitarian* or beneficence or nonmaleficence or non-maleficence or accountability).ti,ab,kf.
51. or/35-50
52. 7 and 34
53. 7 and 35
54. 7 and 51
55. 52 or 53 or 54
56. 55 use ppez
57. exp hepatitis C/ or exp Hepatitis C virus/ or exp hepatitis C antibody/ or exp hepatitis C antigen/
58. 2 or 57
59. exp antibody screening/ or exp mass screening/ or exp screening/ or exp screening test/
60. 5 or 59
61. 58 and 60
62. enzyme linked immunosorbent assay/ae [Adverse Drug Reaction]
63. 34 or 51 or 62
64. 61 and 63
65. 64 use emef

66. 56 or 65
67. 66 not conference abstract.pt.
68. limit 67 to english language
69. limit 67 to french
70. 68 or 69
71. limit 70 to yr="2000 -Current"
72. remove duplicates from 71 [End of CADTH strategy - all other lines ARCHE update]
73. (201511* or 201512* or 2016*).dp,dc,dd,ep.
74. "2016".yr.
75. 72 and (73 or 74)

Database: Embase 1996 to 2016 Week 48, Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) 1946 to Present

Search Title: Hep_C_Screening_Q3_Cost-effectiveness (**changes to CADTH search in bold**)

Strategy:

1. Hepatitis C/ or Hepatitis C, Chronic/ or Hepacivirus/ or Hepatitis C Antibodies/ or exp Hepatitis C Antigens/
2. (hepatitis C or hepC or hep C or hepacivirus* or HCV).ti,ab,kf.
3. 1 or 2
4. exp Mass screening/
5. (detect or detection or screen or screens or screened or screening).ti,ab,kf.
6. 4 or 5
7. 3 and 6
8. Economics/
9. exp "Costs and Cost Analysis"/
10. Economics, Nursing/
11. Economics, Medical/
12. Economics, Pharmaceutical/
13. exp Economics, Hospital/
14. Economics, Dental/
15. exp "Fees and Charges"/
16. exp Budgets/
17. budget*.ti,ab.
18. (economic* or cost or costs or costly or costing or price or prices or pricing or pharmaco-economic* or pharmaco-economic* or expenditure or expenditures or expense or expenses or financial or finance or finances or financed).ti.
19. (economic* or cost or costs or costly or costing or price or prices or pricing or pharmaco-economic* or pharmaco-economic* or expenditure or expenditures or expense or expenses or financial or finance or finances or financed).ab. /freq=2
20. (cost* adj2 (effective* or utilit* or benefit* or minimi* or analy* or outcome or outcomes)).ab.
21. (value adj2 (money or monetary)).ti,ab.
22. exp models, economic/
23. economic model*.ti,ab.
24. markov chains/
25. markov.ti,ab.
26. monte carlo method/
27. monte carlo.ti,ab.
28. exp Decision Theory/
29. (decision* adj2 (tree* or analy* or model*)).ti,ab.
30. or/8-29
31. "Value of Life"/
32. Quality of Life/
33. quality of life.ti.

34. ((instrument or instruments) adj3 quality of life).ab.
35. Quality-Adjusted Life Years/
36. quality adjusted life.ti,ab.
37. (qaly* or qald* or qale* or qtime* or life year or life years).ti,ab.
38. disability adjusted life.ti,ab.
39. daly*.ti,ab.
40. (sf36 or sf 36 or short form 36 or shortform 36 or sf thirtysix or sftirtysix or sftirty six or sf thirty six or shortform thirtysix or shortform thirty six or short form thirtysix or short form thirty six).ti,ab.
41. (sf6 or sf 6 or short form 6 or shortform 6 or sf six or sfsix or shortform six or short form six).ti,ab.
42. (sf12 or sf 12 or short form 12 or shortform 12 or sf twelve or sftwelve or shortform twelve or short form twelve).ti,ab.
43. (sf16 or sf 16 or short form 16 or shortform 16 or sf sixteen or sfsixteen or shortform sixteen or short form sixteen).ti,ab.
44. (sf20 or sf 20 or short form 20 or shortform 20 or sf twenty or sftwenty or shortform twenty or short form twenty).ti,ab.
45. (hql or hqol or h qol or hrqol or hr qol).ti,ab.
46. (hye or hyes).ti,ab.
47. (health* adj2 year* adj2 equivalent*).ti,ab.
48. (pqol or qls).ti,ab.
49. (quality of wellbeing or quality of well being or index of wellbeing or index of well being or qwb).ti,ab.
50. nottingham health profile*.ti,ab.
51. sickness impact profile.ti,ab.
52. exp health status indicators/
53. (health adj3 (utilit* or status)).ti,ab.
54. (utilit* adj3 (valu* or measur* or health or life or estimat* or elicit* or disease or score* or weight)).ti,ab.
55. (preference* adj3 (valu* or measur* or health or life or estimat* or elicit* or disease or score* or instrument or instruments)).ti,ab.
56. disutilit*.ti,ab.
57. rosser.ti,ab.
58. willingness to pay.ti,ab.
59. standard gamble*.ti,ab.
60. (time trade off or time tradeoff).ti,ab.
61. tto.ti,ab.
62. (hui or hui1 or hui2 or hui3).ti,ab.
63. (eq or euroqol or euro qol or eq5d or eq 5d or euroqual or euro qual).ti,ab.
64. duke health profile.ti,ab.
65. functional status questionnaire.ti,ab.
66. dartmouth coop functional health assessment*.ti,ab.
67. or/31-66
68. exp Canada/
69. (canadian* or canada* or british columbia* or alberta* or saskatchewan* or manitoba* or ontario* or quebec* or new brunswick* or prince edward island* or nova scotia* or labrador* or newfoundland* or nunavut* or northwest territor* or yukon* or toronto* or montreal* or vancouver* or ottawa* or calgary* or edmonton* or winnipeg* or first nation* or metis).ti,ab,hw.
70. (canadian* or canada* or british columbia* or alberta* or saskatchewan* or manitoba* or ontario* or quebec* or new brunswick* or prince edward island* or nova scotia* or labrador* or newfoundland* or nunavut* or northwest territor* or yukon* or toronto* or montreal* or vancouver* or ottawa* or calgary* or edmonton* or winnipeg* or first nation* or metis).jw,jx.
71. canada.af.
72. (canadian* or canada* or british columbia* or alberta* or saskatchewan* or manitoba* or ontario* or quebec* or new brunswick* or prince edward island* or nova scotia* or labrador* or newfoundland* or nunavut* or northwest territor* or yukon* or toronto* or montreal* or vancouver* or ottawa* or calgary* or edmonton* or winnipeg* or first nation* or metis).sd,cr.
73. or/68-72
74. 7 and 73
75. 30 and 74

76. 67 and 74
77. 75 or 76
78. limit 77 to english language
79. limit 77 to french
80. 78 or 79
81. 80 use ppez
82. exp hepatitis C/ or exp Hepatitis C virus/ or exp hepatitis C antibody/ or exp hepatitis C antigen/
83. 82 or 2
84. exp antibody screening/ or exp mass screening/ or exp screening/ or exp screening test/
85. 84 or 5
86. 83 and 85
87. socioeconomics/
88. exp Quality of Life/
89. quality of life.ti.
90. ((instrument or instruments) adj3 quality of life).ab.
91. Quality-Adjusted Life Year/
92. quality adjusted life.ti,ab.
93. (qaly* or qald* or qale* or qtime* or life year or life years).ti,ab.
94. disability adjusted life.ti,ab.
95. daly*.ti,ab.
96. (sf36 or sf 36 or short form 36 or shortform 36 or sf thirtysix or sfthirtysix or sfthirty six or sf thirty six or shortform thirtysix or shortform thirty six or short form thirtysix or short form thirty six).ti,ab.
97. (sf6 or sf 6 or short form 6 or shortform 6 or sf6d or sf 6d or short form 6d or shortform 6d or sf six or sfsix or shortform six or short form six).ti,ab.
98. (sf8 or sf 8 or short form 8 or shortform 8 or sf eight or sfeight or shortform eight or short form eight).ti,ab.
99. (sf12 or sf 12 or short form 12 or shortform 12 or sf twelve or sftwelve or shortform twelve or short form twelve).ti,ab.
100. (sf16 or sf 16 or short form 16 or shortform 16 or sf sixteen or sfsixteen or shortform sixteen or short form sixteen).ti,ab.
101. (sf20 or sf 20 or short form 20 or shortform 20 or sf twenty or sftwenty or shortform twenty or short form twenty).ti,ab.
102. (hql or hqol or h qol or hrqol or hr qol).ti,ab.
103. (hye or hyes).ti,ab.
104. (health* adj2 year* adj2 equivalent*).ti,ab.
105. (pqol or qls).ti,ab.
106. (quality of wellbeing or quality of well being or index of wellbeing or index of well being or qwb).ti,ab.
107. nottingham health profile*.ti,ab.
108. nottingham health profile/
109. sickness impact profile.ti,ab.
110. sickness impact profile/
111. health status indicator/
112. (health adj3 (utilit* or status)).ti,ab.
113. (utilit* adj3 (valu* or measur* or health or life or estimat* or elicite* or disease or score* or weight)).ti,ab.
114. (preference* adj3 (valu* or measur* or health or life or estimat* or elicite* or disease or score* or instrument or instruments)).ti,ab.
115. disutilit*.ti,ab.
116. rosser.ti,ab.
117. willingness to pay.ti,ab.
118. standard gamble*.ti,ab.
119. (time trade off or time tradeoff).ti,ab.
120. tto.ti,ab.
121. (hui or hui1 or hui2 or hui3).ti,ab.
122. (eq or euroqol or euro qol or eq5d or eq 5d or euroqual or euro qual).ti,ab.
123. duke health profile.ti,ab.

124. functional status questionnaire.ti,ab.
 125. dartmouth coop functional health assessment*.ti,ab.
126. or/87-125 [Last line of CADTH strategy - added economics filter, applied limits from CADTH search, and then ARCHE date range limit]
 127. Economics/
 128. Cost/
 129. exp Health Economics/
 130. Budget/
 131. budget*.ti,ab,kw.
 132. (economic* or cost or costs or costly or costing or price or prices or pricing or pharmaco-economic* or pharmaco-economic* or expenditure or expenditures or expense or expenses or financial or finance or finances or financed).ti,kw.
 133. (economic* or cost or costs or costly or costing or price or prices or pricing or pharmaco-economic* or pharmaco-economic* or expenditure or expenditures or expense or expenses or financial or finance or finances or financed).ab. /freq=2
 134. (cost* adj2 (effective* or utilit* or benefit* or minimi* or analy* or outcome or outcomes)).ab,kw.
 135. (value adj2 (money or monetary)).ti,ab,kw.
 136. Statistical Model/
 137. economic model*.ab,kw.
 138. Probability/
 139. markov.ti,ab,kw.
 140. monte carlo method/
 141. monte carlo.ti,ab,kw.
 142. Decision Theory/
 143. Decision Tree/
 144. (decision* adj2 (tree* or analy* or model*)).ti,ab,kw.
145. or/127-144 [CADTH Embase Economics filter - <https://www.cadth.ca/resources/finding-evidence/strings-attached-cadths-database-search-filters#eco>]
 146. 86 and 126
 147. 86 and 145
 148. 146 or 147
 149. 73 and 148
 150. 149 use emef
 151. 81 or 150
 152. limit 151 to yr="2000 -Current"
 153. limit 152 to english language
 154. limit 152 to french
 155. 153 or 154
 156. 155 not conference abstract.pt.
 157. remove duplicates from 156 [End of revised CADTH strategy - all other lines ARCHE update]
 158. (201511* or 201512* or 2016*).dp,dc,dd,ep.
 159. "2016".yr.
 160. 157 and (158 or 159)

Database: Cochrane Library via Wiley

Search Title: Hep_C_Screening

Strategy:

1. [mh "Hepatitis C"]
 2. [mh "Hepatitis C Antibodies"]
 3. [mh "Hepatitis C Antigens"]
 4. [mh ^"Hepacivirus"]
 5. (HCV or "hep C" or hepacivirus* or "hepatitus C" or hepC):ti,ab,kw
 6. {OR #1-#5}

7. [mh "Mass screening"]
 8. (detect* or screen* or test*):ti,ab,kw
 9. #7 OR #8
 10. #6 AND #9
 11. #6 AND #9 Publication Year from 2015 to 2016, in Trials, Technology Assessments and Economic Evaluations
 Results by DB:
 CENTRAL = 167
 HTA DB = 2
 EE DB = 0

Table of Grey Literature Searches

<u>Source*</u>	<u>URL</u>	<u>Date of Search</u> MM/DD/YYYY	<u>Date Last Searched</u> MM/DD/YYYY	Initial Count	Post De-dup
HTA Agencies					
HTA Database	http://onlinelibrary.wiley.com/cohanelibrary/search/	12/01/2016	12/01/2016	2	2
Alberta College of Family Physicians	https://www.acfp.ca/tools-for-practice/	12/01/2016	12/01/2016	0	0
Alberta Health and Wellness	http://www.health.alberta.ca/initiatives/AHTDP-reviews.html	12/01/2016	12/01/2016	1	1
CADTH	https://www.cadth.ca/search?keywords	12/01/2016	12/01/2016	2	2
Health Quality Council of Alberta	http://hqca.ca/studies-and-reviews/completed-reviews/	12/02/2016	12/02/2016	0	0
Health Quality Ontario	http://www.hqo.onario.ca/Evidence-to-Improve-Care/Health-Technology-Assessments	12/02/2016	12/02/2016	0	0
The Hospital for Sick Children (SickKids)	http://www.sickkids.ca/Research/TASK/Reports/index.html	12/02/2016	12/02/2016	0	0
INESS	http://www.iness.qc.ca/en/publications/publications.html	12/02/2016	12/02/2016	0	0
Institute of Health Economics (IHE)	http://www.ihe.ca/index.php?publications	12/02/2016	12/02/2016	0	0
Manitoba Centre for Health Policy	http://mchp-appserv.cpe.u-manitoba.ca/deliverablesList.html	12/02/2016	12/02/2016	0	0

McGill University Health Centre Technology Assessment Unit	http://www.mcgill.ca/tau/publications/	12/02/2016	12/02/2016	0	0
NLCAHR	http://www.nlcahr.mun.ca/CHRSRSP/CompletedCHRSP.php	12/02/2016	12/02/2016	0	0
Ottawa Hospital Research Institute	http://www.ohri.ca/ksgroup/publications.asp	12/02/2016	12/02/2016	0	0
Pan-Canadian HTA Collaborative	http://www.crd.york.ac.uk/PanHTA/ResultsPage.asp	12/02/2016	12/02/2016	0	0
Programs for Assessment of Technology in Health (Canada)	http://www.pat-h-ta.ca/publications-presentations/publications/	12/02/2016	12/02/2016	0	0
UBC Centre for Health Services and Policy Research	http://chspr.ubc.ca/publications/	12/02/2016	12/02/2016	0	0
Total Grey Literature Search Results:				5	5
Total Results (Databases plus grey lit):				1539	1076