

APPENDIX 1

Free text terms used in the databases on the OVID platform (Medline, Global Health, ERIC, Embase):

CHW Group (Population)

1. (Communit* health* adj3 (work* or staff or employee* or provider* or distributor* or surveyor* or assistant* or promoter* or facilitator* or agent*)).tw.
2. (Non-physician health* adj3 (work* or staff or employee* or provider*)).tw.
3. CHW.tw.
4. LHW.tw.
5. (Lay health* adj3 (work* or staff or employee* or provider*)).tw.
6. Volunteer health* work*.tw.
7. Voluntary health* work*.tw.
8. Promotoras de salud.tw.
9. (rural health adj3 (auxiliar* or motivator*)).tw.
10. Traditional midwi*.tw.
11. TBA.tw.
12. Traditional birth attendant*.tw.
13. Health* promoter*.tw.
14. Basic health* work*.tw.
15. Communit* nutrition work*.tw.
16. Communit* resource person.tw.
17. (Female adj3 (multipurpose health* work* or volunteer*)).tw.
18. (Maternal and child health* work*).tw.
19. Mother coordinator*.tw.
20. Outreach educator*.tw.
21. Paramedic* work*.tw.
22. (Village health* adj3 (work* or helper* or guide*)).tw.
23. Shasthyo Sebikas.tw
24. ASHA.tw
25. Female community health volunteer*.tw
26. Community-based health worker*.tw.
27. Beharv*.tw.
28. Community Care Worker*.tw.
29. Care Facilitator*.tw.
30. Community-based reproductive health agents*.tw.
31. Animatrice de Sante Maternelle*.tw.
32. Binome de Sante Maternelle*.tw.

33. Community Health Development Agent*.tw.
34. Agentes Polivalentes Elementares*.tw.
35. Community-based Educators*.tw.
36. Health Extension Worker*.tw.
37. Health Surveillance Assistant*.tw.
38. Lay volunteer*.tw.
39. Shasthyo kormis*.tw.
40. Community health care practitioners*.tw.
41. Health assistants*.tw.
42. Family welfare assistants*.tw.

LMIC Group (Population)

1. LMIC.mp
2. ((Low or middle) adj income countr*).mp
3. Developing countr*.mp
4. South East Asia*.tw
5. Southeast* Asia*.mp.
6. Sub-Saharan Africa*.tw.
7. Sub-Saharan Africa*.mp.
8. Afghan*.mp.
9. Benin*.mp.
10. Burkina*.mp.
11. Burundi*.mp.
12. Cambodia*.mp.
13. Central African Republic*.mp.
14. Chad*.mp.
15. Comor*.mp.
16. Congo*.mp.
17. Eritrea*.mp.
18. Ethiopia*.mp.
19. Gambia*.mp.
20. Guinea*.mp.
21. Haiti*.mp.
22. North Korea*.mp.
23. Liberia*.mp.
24. Madagas*.mp.
25. Malawi*.mp.
26. Mali*.mp.
27. Mozambi*.mp.
28. Nepal*.mp.
29. Niger*.mp.
30. Rwanda*.mp.
31. Sierra Leone*.mp.
32. Somalia*.mp.
33. South Sudan*.mp.
34. Tanzania*.mp.
35. Togo*.mp.

36. Uganda*.mp.
37. Zimbabwe*.mp.
38. Armenia*.mp.
39. Bangladesh*.mp.
40. Bhutan*.mp.
41. Bolivia*.mp.
42. Cape Verd*.mp.
43. Cameroon*.mp.
44. Cote d'Ivoire.mp.
45. Ivorian.mp.
46. Djibouti*.mp.
47. Egypt*.mp.
48. Salvador*.mp.
49. Georgia*.mp.
50. Ghana*.mp.
51. Guatemala*.mp.
52. Guyan*.mp.
53. Hondura*.mp.
54. India*.mp.
55. Indonesia*.mp.
56. Kenya*.mp.
57. Kiribati*.mp.
58. Kosov*.mp.
59. Kyrgyz*.mp.
60. Lao*.mp.
61. Lesotho*.mp.
62. Mauritania*.mp.
63. Micronesia*.mp.
64. Moldova*.mp.
65. Morocc*.mp.
66. Myanmar*.mp.
67. Burm*.mp.
68. Nigeria*.mp.
69. Pakistan*.mp.
70. Nicaragua*.mp.
71. Papua New Guinea*.mp.
72. Philippin*.mp.
73. Filipino.mp.
74. Samoa*.mp.
75. Sao Tome*.mp.
76. Senegal*.mp.
77. Solomon*.mp.
78. Sri Lanka*.mp.
79. Sudan*.mp.
80. Swazi*.mp.
81. Syria*.mp.
82. Tajik*.mp.
83. Timor*.mp.
84. Ukrain*.mp.
85. Uzbek*.mp.
86. Vanuatu*.mp.
87. Vietnam*.mp.
88. West bank.mp.
89. Gaza*.mp.
90. Yemen*.mp.
91. Zambia*.mp.
92. Albania*.mp.
93. Algeria*.mp.
94. Angola*.mp.
95. Azerbaijan*.mp.
96. Belarus*.mp.
97. Belize*.mp.
98. Bosnia*.mp.
99. Herzegovin*.mp.
100. Botswana.mp.
101. Batswana.mp.
102. Brazil*.mp.
103. Bulgaria*.mp.
104. Chin*.mp.
105. Colombia*.mp.
106. Costa Rica*.mp.
107. Cuba*.mp.
108. Dominica*.mp.
109. Ecuador*.mp.
110. Fiji*.mp.
111. Gabon*.mp.
112. Grenad*.mp.
113. Iran*.mp.
114. Iraq*.mp.
115. Jamaica*.mp.
116. Jordan*.mp.
117. Kazakh*.mp.
118. Leban*.mp.
119. Libya*.mp.
120. Macedonia*.mp.
121. Malaysia*.mp.
122. Maldiv*.mp.
123. Marshall Island*.mp.
124. Mauriti*.mp.
125. Mexic*.mp.
126. Mongolia*.mp.
127. Montenegr*.mp.
128. Namibia*.mp.
129. Palau*.mp.
130. Panama*.mp.
131. Paraguay*.mp.
132. Peru*.mp.
133. Romania*.mp.
134. Serbia*.mp.
135. South Africa*.mp.
136. St Lucia*.mp.
137. (St Vincent and the Grenadines).mp.

138. Vincentian.mp.
139. Suriname*.mp.
140. Thai*.mp.
141. Tonga*.mp.
142. Tunisia*.mp.
143. Turk*.mp.
144. Tuvalu*.mp.

NCD/CVD Group (Intervention)

1. Diabet*.tw.
2. Obes*.tw.
3. Overweight.tw.
4. Cardiovascular Disease*.tw.
5. Hypertens*.tw.
6. Non-communicable Disease*.tw.
7. Chronic Disease*.tw.
8. NCD.tw.
9. CVD.tw.
10. Coronary Heart Disease*.tw.
11. Cerebrovascular disease*.tw.
12. Peripheral arter* disease*.tw.
13. Rheumatic Heart disease*.tw.
14. Congenital heart disease*.tw.
15. Deep vein thrombosis.tw.
16. Deep venous thrombosis.tw.
17. Pulmonary embol*.tw.
18. Unhealthy diet.tw.
19. Physical inactivity.tw.
20. Sedentary lifestyle*.tw.
21. Tobacco.tw.
22. Alcohol.tw.
23. Hypercholesterol?emia.tw.
24. Hyperlipid?emia.tw.

Training Programs Group (Intervention)

1. ((education* or train*) adj2 program*).tw.

Medical Subject Headings (MeSH) terms used for each database:

Medline

CHW Group (Population)

26. Community health workers/
27. Home health aides/
28. Community health services/

LMIC Group (Population)

145. Developing Countries/
146. Asia, Southeastern/

147. exp "Africa South of the Sahara"/
148. "Democratic People's Republic of Korea"/
149. exp Micronesia/

NCD/CVD Group (Intervention)

25. Chronic Disease/
26. Diabetes Mellitus/
27. exp Diabetes Mellitus, Type 2/
28. exp Obesity/
29. Overweight/
30. Cardiovascular Diseases/
31. exp Heart Diseases/
32. exp Vascular Diseases/
33. Diet, High-Fat/
34. Diet, Western/
35. Diet/
36. exp "Tobacco Use"/
37. exp "Tobacco Use Cessation"/
38. exp lipoproteins, ldl/
39. exp lipoproteins, vldl/
40. Cholesterol, Dietary/
41. Hypercholesterolemia/
42. Hyperlipidemias/
43. exp Obesity/
44. Overweight/
45. Prediabetic state/
46. Sedentary Lifestyle/
47. exp Drinking Behavior/
48. exp Cerebrovascular Disorders/
49. Rheumatic Heart Disease/
50. exp Heart Defects, Congenital/

Training Programs Group (Intervention)

2. "early intervention (education)"/
3. health education/
4. Education/
5. Education, Nonprofessional/
6. Program Evaluation/

Global Health

CHW Group (Population)

26. community health services/
27. medical auxiliaries/
28. health care workers/
29. traditional health services/"C
30. traditional birth attendants/

LMIC Group (Population)

145. developing countries/

- 146. south east asia/
- 147. exp indochina/
- 148. taiwan/
- 149. "africa south of sahara"/
- 150. korea democratic people's republic/
- 151. sudan/
- 152. exp micronesia/
- 153. exp "federated states of micronesia"/
- 154. least developed countries/

NCD/CVD Group (Intervention)

- 25. chronic diseases/
- 26. exp diabetes/
- 27. type 2 diabetes/
- 28. obesity/
- 29. obesity hyperglycaemia syndrome/
- 30. overweight/
- 31. exp cardiovascular diseases/
- 32. exp hypertension/
- 33. thrombosis/
- 34. exp heart diseases/
- 35. exp vascular diseases/
- 36. diet/
- 37. physical activity/
- 38. exp tobacco/
- 39. tobacco smoking/
- 40. exp smoking cessation/
- 41. alcohol intake/
- 42. hyperlipaemia/
- 43. hypercholesterolaemia/
- 44. cholesterol/

Training Programs Group (Intervention)

- 2. education/
- 3. program development/
- 4. Program effectiveness/
- 5. Program evaluation/
- 6. education programmes/
- 7. health education/
- 8. medical education/
- 9. professional education/
- 10. training/
- 11. training courses/
- 12. training officers/

ERIC

CHW Group (Population)

- 26. community health services/
- 27. home health aides/
- 28. home programs/

- 29. exp Paraprofessional Personnel/
- 30. Lay people/

LMIC Group (Population)

- 145. developing nations/

NCD/CVD Group (Intervention)

- 25. chronic illness/
- 26. diabetes/
- 27. exp body weight/
- 28. hypertension/
- 29. exp Physical Activity Level/
- 30. physical fitness/
- 31. exp smoking/
- 32. exp alcohol abuse/
- 33. eating habits/

Training Programs Group (Intervention)

- 2. caregiver training/
- 3. volunteer training/
- 4. health education/
- 5. nonformal education/
- 6. exp job training/
- 7. professional training/
- 8. "Institutes (Training Programs)"/
- 9. Professional development/
- 10. Professional education/
- 11. teaching methods/
- 12. health promotion/
- 13. exp formative evaluation/
- 14. program development/
- 15. program improvement/
- 16. summative evaluation/
- 17. Program Evaluation/
- 18. program effectiveness/
- 19. Duplication/
- 20. Programs/
- 21. Program validation/
- 22. Outcome measures/
- 23. "Outcomes of education"/
- 24. Pretests posttests/
- 25. Educational assessment/
- 26. Educational quality/
- 27. "replication (evaluation)"/
- 28. program guides/
- 29. program implementation/
- 30. program design/
- 31. Programmed Instructional Materials/
- 32. exp Instructional Materials/
- 33. material development/
- 34. Instructional Material evaluation/

35. exp training methods/
36. training/
37. trainers/

Embase

CHW Group (Population)

26. exp Health Auxiliary/
27. Health educator/
28. Diabetes educator/
29. exp Health care manpower/
30. Health care personnel
31. exp Traditional birth attendant/

LMIC Group (Population)

145. exp Lowest income group/
146. exp Developing country/
147. exp Africa South of the Sahara/
148. exp Southeast Asia

NCD/CVD Group (Intervention)

25. exp Cardiovascular disease/
26. exp Non communicable disease/
27. exp Chronic disease/
28. exp Diabetes Mellitus/
29. exp Hypertension/
30. exp Obesity/
31. exp hyperglycemia/
32. Weight gain/
33. Diet/
34. Western Diet/
35. exp Hyperlipidemia/
36. Alcohol consumption/
37. "tobacco use"/
38. tobacco dependence/
39. physical inactivity

Training Programs Group (Intervention)

2. exp Health program/
3. exp Education/
4. exp Accreditation/
5. exp Health education/
6. exp Medical education/
7. exp Teaching/
8. exp Staff training/
9. exp Training/
10. exp Program evaluation/

CINAHL

CHW Group (Population)

26. Community Health Worker
27. Lay Midwives
28. Community Health Services

LMIC Group (Population)

145. Developing Countries
146. Africa South of the Sahara
147. Asia, Southeastern

NCD/CVD Group (Intervention)

25. Alcohol Drinking+
26. Cardiovascular Diseases+
27. Cardiovascular Risk Factors
28. Cerebrovascular Disorders+
29. Chronic Disease
30. Diabetes Mellitus
31. Diabetes Mellitus, Type 2
32. Diet
33. Diet, Western
34. Hyperlipidemia+
35. Life Style, Sedentary
36. Lipoproteins, LDL+
37. Obesity+
38. Prediabetic State+
39. Smoking Cessation Programs
40. Tobacco Products+

Training Programs Group (Intervention)

2. Education+
3. Program Development+
4. Quality Assessment+
5. Professional Development