

Supplement to: Gibson E, Zameer M, Alban R, Kouwanou LM. Community health workers as vaccinators: a rapid review of the global landscape (2000-2021). *Glob Health Sci Pract.* 2023;11(1):e2200307.

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SUPPLEMENT 1. Database Search Terms for the Rapid Review of Community Health Workers as Vaccinators

Database, Results Filters	Search Terms
<p>PubMed, 175</p> <p>Title/Abstract, filter by year (2000-2021)</p>	<p>((aides, community health[MeSH Terms]) OR (community health worker[MeSH Terms]) OR (community health workers[MeSH Terms]) OR (aides, community health[MeSH Terms]) OR (traditional birth attendant[MeSH Terms]) OR (traditional birth attendants[MeSH Terms]) OR (community health worker*[Title/Abstract]) OR (health extension worker*[Title/Abstract]) OR (health development army[Title/Abstract]) OR (agents de santé communautaire[Title/Abstract]) OR (agent de santé communautaire[Title/Abstract]) OR (Health surveillance Agent*[Title/Abstract]) OR (community health volunteer*[Title/Abstract]) OR (Family Welfare Assistant*[Title/Abstract]) OR (Health assistant*[Title/Abstract]) OR (Community health care provider*[Title/Abstract]) OR (community birth attendant*[Title/Abstract]) OR (Lady Health Worker*[Title/Abstract]) OR (Health Surveillance Assistant*[Title/Abstract]) OR (Anganwadi Worker*[Title/Abstract]) OR (Accredited Social Health Activist*[Title/Abstract]) OR (Accompagnateur*[Title/Abstract])OR (Shasthya Shebika*[Title/Abstract]) OR (Health Assistant*[Title/Abstract]) OR (Community-Based Skilled Birth Attendant*[Title/Abstract]) OR (Community Health Agent*[Title/Abstract]) OR (Community Health Assistant*[Title/Abstract]) OR (Community Based Agent*[Title/Abstract]) OR (Village Health Worker*[Title/Abstract]) OR (Village Health Team*[Title/Abstract]) OR (Home Based Carer*[Title/Abstract]) OR (Female Community Health Volunteer*[Title/Abstract]) OR (Maternal Child Health Worker*[Title/Abstract]) OR (Behvarz*[Title/Abstract]) OR (Brigadista*[Title/Abstract]) OR (Volunteer Midwives*[Title/Abstract]) OR (Volunteer Collaboration*[Title/Abstract]) OR (Health Promoter*[Title/Abstract]) OR (Agentes Polivalent* Elementar*[Title/Abstract])) AND ((administ*[Title/Abstract]) OR (deliver*[Title/Abstract]) OR (inject*[Title/Abstract]) OR (give*[Title/Abstract]) OR (gave[Title/Abstract]))</p>
<p>Cochrane Library (Reviews and Trials), 3 reviews, 111 trials</p>	<p>(“community health worker” OR “community health aid” OR “traditional birth attendant” OR “health extension worker” OR “health surveillance agent” OR “community health volunteer” OR “family welfare assistant” OR “health assistant” OR “community health care</p>

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Database, Results Filters	Search Terms
Title/Abstract/Keyword (default), restricted to 01/01/2000 to 30/07/2021	provider” OR “community birth attendant” OR “lady health worker attendant” OR “health extension worker” OR “health surveillance agent” OR “co” OR “health surveillance assistant” OR “Anganwadi Worker” OR “Accredited Social Health Activist” OR “Accompagnateur” OR “Shasthya Shebika” OR “Health Assistant” OR “Community-Based Skilled Birth Attendant” OR “Community Health Agent” OR “Community Health Assistant” OR “Community Based Agent” OR “Village Health Worker” OR “Village Health Team” OR “Home Based Carer” OR “Female Community Health Volunteer” OR “Maternal Child Health Worker” OR “Behvarz” OR “Brigadista” OR “Volunteer Midwives” OR “Volunteer Collaboration” OR “Health Promoter” OR “Agentes Polivalentes Elementares”):ti,ab,kw AND (vaccination OR immunization):ti,ab,kw AND (administer OR deliver OR inject OR give OR gave):ti,ab,kw" (Word variations have been searched)
WebOfScience: 143 Abstract, 2000-2021	((AB=("community health worker*" OR "community health aid*" OR "traditional birth attendant*" OR "health extension worker*" OR "health surveillance agent*" OR "community health volunteer*" OR "family welfare assistant*" OR "health assistant*" OR "community health care provider*" OR "community birth attendant*" OR "lady health worker*" OR "health surveillance assistant*" OR "Anganwadi Worker*" OR "Accredited Social Health Activist*" OR "Accompagnateur*" OR "Shasthya Shebika*" OR "Health Assistant*" OR "Community-Based Skilled Birth Attendant*" OR "Community Health Agent*" OR "Community Health Assistant*" OR "Community Based Agent*" OR "Village Health Worker*" OR "Village Health Team*" OR "Home Based Carer*" OR "Female Community Health Volunteer*" OR "Maternal Child Health Worker*" OR "Behvarz*" OR "Brigadista*" OR "Volunteer Midwives*" OR "Volunteer Collaboration*" OR "Health Promoter*" OR "Agentes Polivalent* Elementar*")) AND AB=(vaccin* OR immuniz* OR immunis*)) AND AB=(administer* OR deliver* OR inject* OR give* OR gave)

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SUPPLEMENT 2. Selected Documents for the Rapid Review of CHWs as Vaccinators

Author(s) Year	Article Type	Vaccinating CHW Cadres, Countries Identified
Admassie, Abebaw, and Woldemichael ³⁸ 2009	Original research, impact evaluation	Health Extension Worker (HEW), Ethiopia
Ahmed et al. ³⁹ 2021	Report	Community Health Volunteer (CHV), Kenya
Bilal et al. ⁴⁰ 2011	Report	Health Extension Worker (HEW), Ethiopia
Bisrat et al. ⁴¹ 2019	Original research, cross sectional survey	Health Extension Worker (HEW), Ethiopia
Chernoff and Cueva ⁴² 2017	Original research, qualitative methods	Community Health Aids/Practitioners (CHA/Ps), United States
Closser ⁴³ 2015	Opinion	Lady Health Worker (LHW), Pakistan
Gavi: The Vaccine Alliance ⁴⁴ 2018	Report	Lady Health Worker (LHW), Pakistan
Glenton et al. ⁴⁵ 2013	Review	Village Health Volunteer, Papua New Guinea Traditional Birth Attendant (TBA), Ghana Traditional Birth Attendant (TBA), Mali
Gov. of the Republic of Malawi: Ministry of Health ²³ 2017	Report	Health Surveillance Assistant (HSA), Malawi
Hobble, Rosqueta, and McLaughlin ⁴⁶ 2018	Report	Community Health Worker (CHW), Kenya
Hodgins ⁴⁷ 2021	Report	Health Assistant (HA), Bangladesh Auxiliary Health Worker (AHW), Nepal Health Extension Worker (HEW), Ethiopia Community Health Extension Workers (CHEWs) or Junior CHEWs, Nigeria
Huang et al. ⁴⁸ 2018	Review	Village-based Health Worker, China

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Author(s) Year	Article Type	Vaccinating CHW Cadres, Countries Identified
Kabambi and Abdallah ⁴⁹ 2020	Editorial	Volunteer Vaccinators, Democratic Republic of Congo
Krishnaratne et al. ⁵⁰ 2021	Original research, evaluation	Health Extension Worker (HEW), Ethiopia
Levin et al. ⁵¹ 2005	Original research, retrospective cost analysis	Village-based Midwife, Indonesia Traditional Birth Attendant, Afghanistan Traditional Birth Attendant, Mali
Mavalankar and Vora ⁵² 2008	Report	Auxiliary Nurse Midwife (ANM), India
Munthali ⁵³ 2016	Report	Health Surveillance Assistant (HSA), Malawi
Murakami et al. ⁵⁴ 2014	Original research, mixed methods	Lady Health Worker (LHW), Pakistan
Nath, Kaur, and Tripathi ⁵⁵ 2015	Original research, site evaluation and cross-sectional survey	Auxiliary Nurse Midwife (ANM), India
Ngwira, Hutchinson, and Mayhew ⁵⁶ 2021	Original research, qualitative methods	Health Surveillance Assistant (HSA), Malawi
Nicks et al. ⁵⁷ 2021	Opinion	Health Surveillance Assistant (HSA), Malawi
Nyirenda and Flikke ⁵⁸ 2013	Original research, qualitative methods	Health Surveillance Assistant (HSA), Malawi
Perry ⁵⁹ 2021	Report	Health Extension Worker (HEW), Ethiopia Auxiliary Nurse Midwife (ANM), India Health Assistant (HA), Bangladesh Community Health Extension Worker (CHEW), Nigeria Lady Health Worker (LHW), Pakistan Health Surveillance Assistant (HSA), Malawi Community Health Agent (CHA), Brazil Behvarzs, Iran Community Health Nurse (CHN) and Community

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Author(s) Year	Article Type	Vaccinating CHW Cadres, Countries Identified
		Health Officer (CHO), Ghana Kader, Indonesia Agents de Santé Communautaire (ASC), Niger
Prinja et al. ⁶⁰ 2014	Original research, economic analysis	Auxiliary Nurse Midwife (ANM), India
Punjab University Institute of Communication Studies ²¹ 2011	Evaluation	Lady Health Worker (LHW), Pakistan
Sebhatu ⁶¹ 2008	Report	Health Extension Worker (HEW), Ethiopia
Singh et al. ⁶² 2018	Original research, mixed methods time and motion study	Auxiliary Nurse Midwife (ANM), India
Singh et al. ⁶³ 2015	Original research, case studies	Behvarz, Iran
Thacker et al. ⁶⁴ 2013	Original research, cross sectional survey	Auxiliary Nurse Midwife (ANM), India
Tsega et al. ⁶⁵ 2016	Original research, cross sectional descriptive cluster survey	Health Surveillance Assistant (HSA), Malawi
USAID Maternal and Child Survival Program ⁶⁶ 2018	Report	Auxiliary Nurse Midwife (ANM), India
Wang et al. ⁶⁷ 2007	Program evaluation	Village-Based Health Worker, China