Health Systems Evidence

Evidence to Support
Policymaking and Management
<< healthsystemsevidence.org >>

Veterans Health Administration

September 14th, 2010

Lori Greco MHSc, Knowledge Broker

Kaelan Moat, Doctoral Student

McMaster
HEALTH FORUM

EVIDENCE >> INSIGHT >> ACTION

Agenda

- Overview of Health Systems Evidence
  - What it is
  - How is was created
  - Why use it
  - What is in it
  - How to search it
- Tour of Health Systems Evidence
- Demonstration searches

Health Systems Evidence Partners

Interactive Question 1

- *What is your role?*

    ❑Clinician

    ❑Researcher

    ❑Manager or Administrator

    ❑Other

Background

- John Lavis' research program
  - To promote the use of research evidence in policymaking and management
  - Michael Wilsons' work to develop the database

What is Health Systems Evidence? (1)

- Online repository
- Continuously updated
- Easy to search

What is Health Systems Evidence? (2)

Contains policy-relevant synthesized research evidence about:

- ❑ governance, financial and delivery arrangements within health systems

- ❑ implementation strategies that can support change within health systems.

McMaster
HEALTH FORUM

EVIDENCE >> INSIGHT >> ACTION

Interactive Question 2

■ *Given what you know so far, are you likely to use **Health Systems Evidence** to find synthesized research evidence about governance, financial and delivery arrangements within health systems and about implementation strategies within health systems?*

❑Yes

❑No

❑Maybe

Methods: How we build and maintain HSE

- On-going process of:
  - Identifying and screening abstracts of systematic reviews/other research syntheses for inclusion;
  - Coding each included synthesis according to type and how it addresses health systems arrangements and implementation strategies;
  - Searching for and linking to free online pdfs, full text files, user friendly summaries, abstracts;
  - Applying a validated quality rating tool to produce a methodological quality score for each synthesis and;
  - Identifying countries in which the studies included in each review were conducted

How we build and maintain HSE (2)

- Identifying abstracts of research syntheses
  - Centre for Reviews and Dissemination (UK) Database of Abstracts of Reviews of Effects— "DARE" (weekly updates)
  - Cochrane library of systematic reviews (monthly updates)
  - Cochrane Effective Practice and Organization of Care Group (EPOC)
  - Other syntheses and sources of syntheses that are identified (personal knowledge, forwards from colleagues, list-servs, etc.)

How we build and maintain HSE (3)

- Screening abstracts of systematic reviews/other research syntheses for inclusion
  - Reviews/overviews of reviews: at least two databases need to have been searched, explicit inclusion/exclusion criteria must be included
  - Policy briefs: must address two or more of the policy problem, options for addressing the problem, and implementation strategies; and; they draw (at least in part) on systematic reviews to describe what is known about two or more of the problem, options for addressing the problem, and implementation strategies
- Performed independently by at least two reviewers

McMaster
HEALTH FORUM

EVIDENCE >> INSIGHT >> ACTION

How we build and maintain HSE (4)

- Coding each included synthesis according to type:
  - Policy brief
  - Overview of systematic review
  - Systematic review
  - Systematic review (Cochrane)
  - Systematic review protocol (often Cochrane)
- Coding each included synthesis according to type of question:
  - Effectiveness
  - Not effectiveness
  - Many

How we build and maintain HSE (5)

- Coding based on which health system arrangement(s) and implementation strategies they address:

  - Governance Arrangements (i.e. centralization/decentralization of policy authority)

  - Financial Arrangements (i.e. the use of fee for service as a form of remuneration)

  - Delivery Arrangements (i.e. substitution of nurse practitioners for general physicians)

  - Implementation strategies (i.e. providing consumers with information or education about a program)

- Independently coded by two reviewers

Health System Arrangements

Governance Arrangement (79)	Financial Arrangement (104)	Delivery Arrangement (1081)
• Policy Authority (14) • Organizational authority (32) • Professional authority (20) • Commercial authority (11) • Consumer and stakeholder involvement (23)	• Financing (35) • Funding (21) • Remuneration (44) • Financial incentives for patients (27) • Resource allocation (15)	• To whom care is provided & with what efforts to reach them (270) • By whom care is provided (548) • Where care is provided (328) • With what information & communication technology is care provided? (215) • With what level of quality & safety is care provided (37)

Implementation strategies

Consumer-targeted (135)	Provider-targeted (181)	Organization-targeted (12)
• Information or education provision (104) • Behaviour change support (64) • Skills and competencies development (32) • (Personal) Support (32) • Communication and decision-making facilitation (15) • System participation (1)	• Educational material (80) • Educational meeting (92) • Educational outreach visit (37) • Local opinion leader (7) • Local consensus process (4) • Peer review (0) • Audit and feedback (49) • Reminders and prompt (0) • Tailored intervention (2) • Patient-mediated intervention (18) • Multi-faceted intervention (89)	

How we build and maintain HSE (6)

- Searching for and linking to free online pdfs, full text files, user friendly summaries, abstracts
  - URLs for publicly available copies of included syntheses and user-friendly summaries of these syntheses are identified and included in the database for each synthesis
  - i.e. links to PubMed abstracts, Australasian Cochrane Centre Policy Liaison Initiative user-friendly summaries, PDF files if the review is published in an open access journal

How we build and maintain HSE (7)

- Applying a validated quality rating tool to produce a methodological quality score for each synthesis
  - Two reviewers independently assess each systematic review in the database using the AMSTAR quality rating tool
  - Reconciled scores are reported with each review
- Country coding
  - Two reviewers independently scan reviews to identify the countries in which the studies included were conducted
  - Reconciled codes appear in the database with each review

Why use Health Systems Evidence?

- **Saves time** by helping to rapidly identify:
  - synthesis of the best available research evidence on a given topic
  - prepared in a systematic and transparent way
  - how recently the search for studies was conducted
  - quality of the synthesis
  - countries in which the studies included in the synthesis were conducted
  - key findings from the synthesis

What is in Health Systems Evidence? (1)

- Details about **systematic reviews relevant to health systems**
  - policy briefs
  - overviews of systematic reviews
  - systematic reviews
  - review protocols
  - links to any user-friendly summaries, scientific abstracts and full-text reports currently available

McMaster
HEALTH FORUM

EVIDENCE >> INSIGHT >> ACTION

What is in Health Systems Evidence? (2)

- Over 1300 citations *(at 2010-8-12)*

    - 17 policy briefs

    - 15 overviews of systematic reviews

    - 842 systematic reviews

        - 287 Cochrane reviews

    - 146 protocols for Cochrane reviews

Evidence Service

- General
  - All new reviews (coming soon)

- Topic-specific services
  - Primary healthcare
  - Chronic disease management
  - Diabetes management
  - Chronic pain management
  - Rural healthcare strategy

- Subscribe at
  www.mcmasterhealthforum.org/healthsystemsevidence/evidence_service.php

Finding Research Evidence

- Search by:
  - health system topic
  - Canadian priority area (which may overlap with priority areas in other jurisdictions)
  - type of synthesis
  - type of research question
  - author
  - open search
  - recent update
  - any combination of these options

Finding Research Evidence (2)

- Each search will yield a listing of syntheses and details:
  - ❑ type of synthesis (e.g., policy brief)
  - ❑ type of question (e.g., effectiveness)
  - ❑ health system topic (e.g., skill mix – role expansion or extension)
  - ❑ title of the synthesis
  - ❑ last year literature searched
  - ❑ quality rating (using AMSTAR criteria)
  - ❑ countries in which studies included in the synthesis were conducted
  - ❑ **links** to any freely available user-friendly summaries, scientific abstracts, and full-text reports.

Navigating Health Systems Evidence

www.mcmasterhealthforum.org

Health Systems Evidence Home Page

Health Systems Evidence

Translate this page (*Coming soon*) [English ▲▼]

Health Systems Evidence is a continuously updated repository of syntheses of research evidence about governance, financial and delivery arrangements within health systems, and about implementation strategies that can support change in health systems.

About Health Systems Evidence	Searching Health Systems Evidence
Why use it and who's behind it	How to search it?
What's in it?	What a search will retrieve
Two-page backgrounder (PDF)	On-line tutorial - *Coming soon*

Health Systems Evidence is updated monthly. The database was last updated on 2010-07. To receive general or topic-specific monthly updates, please subscribe to the **Health Systems Evidence Service**. To let us know about new syntheses or website errors, please e-mail us at **mhf@mcmaster.ca**.

Health system topics
- ⊞ ☐ Governance arrangement (78)
- ⊞ ☐ Financial arrangement (101)
- ⊞ ☐ Delivery arrangement (1065)
- ⊞ ☐ Implementation strategy (285)

www.healthsystemsevidence.org

EVIDENCE >> INSIGHT >> ACTION

Interactive Question 3

- *What topic areas or practice/ research questions would you use **Health Systems Evidence** to find research evidence about?*

HSE Search Interface (1)

HSE Search Interface (2)

Canadian priority areas

- ☐ National priority funding area (462)
  - ☐ Primary healthcare (116)
  - ☐ Home care (147)
  - ☐ Catastrophic drug coverage (54)
  - ☐ Diagnostic/medical equipment (13)
  - ☐ Information technology (201)
  - ☐ Electronic health record (23)
- ☐ Other priority area (586)
- ☐ Performance indicator (13)
- ☐ Priority research themes - Listening for Direction III (710)

HSE Search Interface (3)

Type of synthesis

    -- All --
    Policy brief
    Overview of systematic reviews
    Systematic review (Cochrane)

(Use Ctrl-click in Windows or Command-click in Mac to make multiple selections)

Type of question

    -- Any --
    Many
    Effectiveness
    Not effectiveness

HSE Search Interface (4)
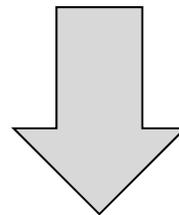
A Searchable Question

What do you want to find out?

- About the problem
- About options to address the problem
- About option implementation considerations

Sample Search

Scenario:

❑ We want to provide a patient-centered medical home model, e.g., more shared decision-making with patients, and better coordination of care provided by specialists to improve outcomes for patients with chronic disease(s).
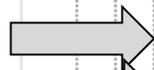
healthsystemsevidence.org

Sample Search - Topic

Health system topics

- ⊞ ☐ Governance arrangement (78)
- ⊞ ☐ Financial arrangement (101)
- ⊟ ☐ Delivery arrangement (1065)
    - ⊞ ☐ To whom care is provided & with what efforts to reach them (265)
    - ⊟ ☐ By whom care is provided (539)
        - ☐ System - Need/demand/supply (5)
        - ☐ System - Recruitment/retention/transitions (14)
        - ☐ System - Performance management (12)
        - ☐ Workplace conditions - Provider satisfaction (11)
        - ☐ Workplace conditions - Health & safety (13)
        - ☐ Skill mix - Role performance (24)
        - ☐ Skill mix - Role expansion or extension (96)
        - ☐ Skill mix - Substitution (96)
        - ☑ Skill mix - Multidisciplinary teams (172)
        - ☐ Skill mix - Communication & and case discussion between distant health professionals (11)
        - ☐ Staff - Support (21)
        - ☐ Staff - Workload/workflow/intensity (37)
        - ☑ Staff - Continuity of care (18)
        - ☑ Staff/self - Shared decision-making (39)
        - ☐ Self-management (127)
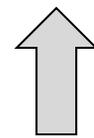   - ⊞ ☐ Where care is provided (325)
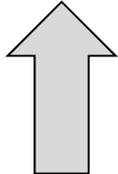
Sample Search - Type

Search Results

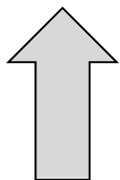Your search returned 42 results. **Show search terms**

	Type of synthesis [Re-sort]	Type of question [Re-sort]	Health system topic(s)	Title	Last year literature searched [Re-sort]	Quality rating [Re-sort]	Countries in which studies (included in the synthesis) were conducted	Show links to summary, abstract and full-text report	Create a 1-page summary
	❓	❓	❓		❓	❓	❓	❓	❓
☐	Systematic review (Cochrane)	Effectiveness	Delivery arrangement ▸ By whom care is provided ▸ Skill mix - Multidisciplinary teams ▸ Where care is provided ▸ Site of service delivery	Multidisciplinary rehabilitation for older people with hip fractures	2009	10/11 (AMSTAR rating from Program in Policy Decision-making)	Not yet available	**Show links**	**Create**
☐	Systematic review (Cochrane)	Effectiveness	Delivery arrangement ▸ By whom care is provided ▸ Skill mix - Multidisciplinary teams	Multidisciplinary care for adults with amyotrophic lateral sclerosis or motor neuron disease	2009	9/10 (AMSTAR rating from Program in Policy Decision-making)	Not yet available	**Show links**	**Create**
☐	Systematic review (Cochrane)	Effectiveness	Delivery arrangement ▸ To whom care is provided & with what efforts to reach them ▸ Package of care/care	Support during pregnancy for women at increased risk of low birthweight babies	2009	Not yet available	USA (6); UK (3); France (2); South Africa (2); Australia (1); Netherlands	**Show links**	**Create**

Review Links and Details

| Systematic review (Cochrane) | Effectiveness | Delivery arrangement ▸ By whom care is provided ▸ Skill mix - Multidisciplinary teams | | Effectiveness of shared care across the interface between primary and specialty care in chronic disease management | 2006 | | 8/11 (AMSTAR rating from www.rxforchange.ca) | UK (7); USA (5); New Zealand (3); Australia (2); Denmark (1); Ireland | | **Hide links** | | **Create** |

User-friendly summary:	**Scientific abstract:**	**Full-text report:**
▸ Australasian Cochrane Centre (AAC) Policy Liaison Initiative	▸ PubMed	▸ No free full-text report available
▸ Database of Review of Effects (DARE)	▸ Cochrane Library	
▸ Rx for Change	▸ Journal publisher	

links to any freely available user-friendly summaries, scientific abstracts, and full-text reports.

McMaster HEALTH FORUM

EVIDENCE >> INSIGHT >> ACTION

Health Systems Evidence — 1-page summary

Translate this page (*Coming soon*) English ⇕

Title	Effectiveness of shared care across the interface between primary and specialty care in chronic disease management
Type of synthesis	Systematic review (Cochrane)
Type of question	Effectiveness
Health system topic(s)	Delivery arrangement ▸ By whom care is provided 　▸ Skill mix - Multidisciplinary teams ▸ Where care is provided 　▸ Continuity of care Implementation strategy ▸ Provider-targeted strategy 　▸ Educational meeting 　▸ Multi-faceted intervention
Last year literature searched	2006
Quality rating	8/11 (AMSTAR rating from www.rxforchange.ca)
Countries in which studies (included in the synthesis) were conducted	UK (7); USA (5); New Zealand (3); Australia (2); Denmark (1); Ireland (1); Sweden (1)
User-friendly summary	**Australasian Cochrane Centre (AAC) Policy Liaison Initiative** **Database of Review of Effects (DARE)** **Rx for Change**
Scientific abstract	**PubMed** **Cochrane Library** **Journal publisher**
Full-text report	No free full-text report available
Citation	Smith SM, Allwright S, O'Dowd T. Effectiveness of shared care across the interface between primary and specialty care in chronic disease management. Cochrane Database of Systematic Reviews 2007(3):Art. No.: CD004910. DOI: 10.1002/14651858.CD004910.pub2.

Database of Abstracts of Reviews of Effects (DARE)

Effectiveness of shared care across the interface between primary and specialty care in chronic disease management
Smith Susan M AU: Allwright Shane AU: O'Dowd Tom

Authors' objectives	To determine the effectiveness of shared-care health service interventions designed to improve the management of chronic disease across the primary-specialty care interface. Shared care has been used in the management of many chronic conditions with the assumption that it delivers better care than either primary or specialty care alone. It has been defined as the joint participation of primary care physicians and specialty care physicians in the planned delivery of care, informed by an enhanced information exchange over and above routine discharge and referral notices. It has the potential to offer improved quality and coordination of
Searching	We searched th... Cochrane Cent... and CINAHL (fr...
Validity assessment	Randomised co... management. T... outcomes, and... of appropriate r...
Data extraction	Three review a...
Results of the review	Twenty studies... examined comp... physical or me... default or partic... considered this... and difficult to...
Authors' conclusions	This review ind... Methodological... evidence to su... settings and wi... shared care ov... DISEASE MAN... care physicians...

Policy liaison initiative: Relevant and accessible evidence from *The Cochrane Library*

AUSTRALASIAN COCHRANE CENTRE

Show all effective practice and organisation of care summaries   *View links to other summaries*   *Return to Policy liaison home*

REVIEW TITLE

Effectiveness of shared care across the interface between primary and specialty care in chronic disease management

Authors:	Smith SM, Allwright S, O'Dowd T
Summary based on:	New or updated review in Issue 3, 2007
To read a full review:	Link to full text on cochrane library *(opens in new window)*

Research Gaps

Further large, rigorous randomised controlled trials should consider whether a successful shared care service is equivalent to current service delivery in terms of participant-, health- and service-related outcomes, or whether it improves on service delivery at an acceptable cost.
Future trials should incorporate qualitative evaluations and consideration of treatment fidelity which may have the benefit of providing a deeper understanding of the views and beliefs of participating patients and providers, and can also be used to provide an in-depth description of the actual care being delivered.
Future trials should identify the components of complex interventions and give consideration to which may be the most effective elements, undertake an adequate length of follow up (e.g., more than 12 months), and ensure that there is genuine involvement of resourcing across all sectors, with service users involved in all stages of planning.

Participant Group

People or populations with a specified chronic disease who were enrolled in a defined, shared-care service provided by primary and specialty care practitioners
Number of studies: 19
Number of participants: >8720

Review Summary

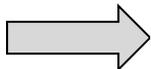| Intervention	Conclusions
R - physical health outcomes, mean depression scores and proportion recovered from depression, well being, functional impairment and disability, mean treatment satisfaction scores, number of primary and specialist care and	Shared care versus usual care (For more information regarding details of the interventions please see full Cochrane review)	Rather than there being evidence to globally support the use of shared care when compared to control in terms of participant- and service-related outcomes, the authors presented limited evidence to support shared care in specific patient groups (see below).
		Some evidence to support the use of shared care when compared to control in terms of proportion of people receiving appropriate medication (4 trials

Health Systems Evidence — 1-page summary

Translate this page (*Coming soon*) English ⬍

Title	Effectiveness of shared care across the interface between primary and specialty care in chronic disease management
Type of synthesis	Systematic review (Cochrane)
Type of question	Effectiveness

Health system topic(s)	Delivery arrangement
	▸ By whom care is provided
	  ▸ Skill mix - Multidisciplinary teams
	▸ Where care is provided
	  ▸ Continuity of care
	Implementation strategy
	▸ Provider-targeted strategy
	  ▸ Educational meeting
	  ▸ Multi-faceted intervention

Last year literature searched	2006
Quality rating	8/11 (AMSTAR rating from www.rxforchange.ca)
Countries in which studies (included in the synthesis) were conducted	UK (7); USA (5); New Zealand (3); Australia (2); Denmark (1); Ireland (1); Sweden (1)
User-friendly summary	**Australasian Cochrane Centre (AAC) Policy Liaison Initiative** **Database of Review of Effects (DARE)** **Rx for Change**
Scientific abstract	**PubMed** **Cochrane Library** **Journal publisher**
Full-text report	No free full-text report available
Citation	Smith SM, Allwright S, O'Dowd T. Effectiveness of shared care across the interface between primary and specialty care in chronic disease management. Cochrane Database of Systematic Reviews 2007(3):Art. No.: CD004910. DOI: 10.1002/14651858.CD004910.pub2.

| | Policy brief | Many | Financial arrangement
▶ Financial incentives for patients
  ▶ Targeted payments/penalties
    (Financial incentives for patients)
Delivery arrangement
▶ To whom care is provided & with what | Strengthening chronic disease management in Ontario | 2009 | No rating tool available for this type of synthesis | Not typically presented in a policy brief | **Hide links** | **Create** |

User-friendly summary:
▶ No user-friendly summary available

Scientific abstract:
▶ No scientific abstract available

Full-text report:
▶ **Full-text report (free)**

Full text policy brief available at
www.mcmasterhealthforum.org

EVIDENCE BRIEF

STRENGTHENING CHRONIC DISEASE MANAGEMENT IN ONTARIO

19 OCTOBER 2009

EVIDENCE >> INSIGHT >> ACTION

More Sample Scenarios 1

- Sample Scenario (1)
  - We want to provide a patient-centered medical home model, e.g., improving access (particularly with the use of technology)

Health system topics
- ⊞ ☐ Governance arrangement (79)
- ⊞ ☐ Financial arrangement (104)
- ⊟ ☐ Delivery arrangement (1081)
  - ⊞ ☐ To whom care is provided & with what efforts to reach them (270)
  - ⊞ ☐ By whom care is provided (548)
  - ⊞ ☐ Where care is provided (328)
  - ⊟ ☐ With what information & communication technology (ICT) is care provided (215)
    - ☐ Health record system (16)
    - ☐ Electronic health record (24)
    - ☐ Other ICT that supports individuals who provide care (127)
    - ☑ ICT that supports individuals who receive care (136)
  - ⊞ ☐ With what level of quality & safety is care provided (37)
- ⊞ ☐ Implementation strategy (302)

Canadian priority areas
- ⊞ ☐ National priority funding area (462)
- ⊞ ☐ Other priority area (506)
- ⊞ ☐ Performance indicator (13)
- ⊟ ☐ Priority research themes - Listening for Direction III (710)
  - ☐ Workforce & the work environment (544)
  - ☐ Change management for improved practice & improved health (24)
  - ☐ Data/information/knowledge management (2)
  - ☐ Values-based decision-making & public engagement (17)
  - ☐ Patient-centred care (9)
  - ☐ Patient flow & system integration (73)
  - ☑ Chronic disease prevention & management (51)
  - ☐ Health system financing & sustainability (44)

McMaster University

McMaster **HEALTH FORUM**

Results

Your search returned 13 results. **Show search terms**

	Type of synthesis [Re-sort]	Type of question [Re-sort]	Health system topic(s)	Title	Last year literature searched [Re-sort]	Quality rating [Re-sort]	Countries in which studies (included in the synthesis) were conducted	Show links to summary, abstract and full-text report	Create a 1-page summary
☐	Policy brief	Many	Governance arrangement ▸ Organizational authority ▸ Accreditation ▸ Networks/multi-institutional arrangements · Professional authority	Supporting chronic pain management in provincial and territorial health systems in Canada	2009	No rating tool available for this type of synthesis	Not typically presented in a policy brief	Show links	Create
☐	Policy brief	Many	Financial arrangement ▸ Financial incentives for patients ▸ Targeted payments/penalties (Financial incentives for patients) Delivery arrangement · To whom care is provided & with what	Strengthening chronic disease management in Ontario	2009	No rating tool available for this type of synthesis	Not typically presented in a policy brief	Show links	Create
☐	Overview of systematic reviews	Many	Financial arrangement ▸ Remuneration ▸ Targeted payments/penalties (Remuneration) Delivery arrangement · By whom care is provided	An Overview of Quality Improvement and Health System Interventions to Improve Diabetes Management and Outcomes	2009	No rating tool available for this type of synthesis	Not typically presented in an overview	Show links	Create
☐	Systematic review	Many	Governance arrangement ▸ Policy authority ▸ Stewardship of the non-state sector's role in financing & delivering ▸ Organizational authority · Networks/multi-institutional	What are the critical attributes and benefits of a high-quality primary healthcare system?	2008	Not yet available	Not yet available	Show links	Create
☐	Systematic review	Many	Delivery arrangement ▸ With what information & communication technology (ICT) is care provided ▸ ICT that supports individuals who receive care Implementation strategy	Analysis of the 2004-2007 literature on therapeutic patient education in diabetes: Results and trends	2007	1/10 (AMSTAR rating from Program in Policy Decision-making)	Not reported in detail - Description states: North America (47.5%; Mostly from US (46.2%)), Europe	Show links	Create
☐	Systematic review	Effectiveness	Delivery arrangement ▸ With what information & communication technology (ICT) is care provided ▸ ICT that supports individuals who receive care	The use and benefits of teleoncology	2005	7/10 (AMSTAR rating from Program in Policy Decision-making)	Not reported in detail- Description states: USA (36); Canada (2); Finland (2); UK (2); Denmark (1);	Show links	Create

EVIDENCE >> INSIGHT >> ACTION

More Sample Scenarios 2

- Sample Scenario (2)

  ❑ A local health authority seeks information about alternative healthcare delivery models for rural communities

Results

	Type of synthesis [Re-sort]	Type of question [Re-sort]	Health system topic(s)		Title	Last year literature searched [Re-sort]	Quality rating [Re-sort]	Countries in which studies (included in the synthesis) were conducted	Show links to summary, abstract and full-text report	Create a 1-page summary
	❓	❓	❓			❓	❓	❓	❓	❓
☐	Overview of systematic reviews	Effectiveness	Governance arrangement ▸ Professional authority ▸ Training/licensure/registration Financial arrangement ▸ Remuneration • Targeted payments/penalties		Effects of policy options for human resources for health: an analysis of systematic reviews.	2006	No rating tool available for this type of synthesis	Not typically presented in an overview	Show links	Create
☐	Overview of systematic reviews	Effectiveness	Governance arrangement ▸ Professional authority ▸ Training/licensure/registration Financial arrangement ▸ Remuneration • Targeted payments/penalties		Evidence from Systematic Reviews of Effects to Inform Policy-Making About Optimizing the Supply, Improving the Distribution, Increasing the Efficiency and Enhancing the Performance of Health Workers	Not yet available	No rating tool available for this type of synthesis	Not typically presented in an overview	Show links	Create
☐	Systematic review (Cochrane)	Effectiveness	Governance arrangement ▸ Professional authority ▸ Training/licensure/registration ▸ Location of practice Delivery arrangement • By whom care is provided		Interventions for increasing the proportion of health professionals practising in rural and other underserved areas	2007	8/8 (AMSTAR rating from McMaster Health Forum)	Not applicable for this type of synthesis	Show links	Create
☐	Systematic review (Cochrane)	Effectiveness	Governance arrangement ▸ Professional authority ▸ Training/licensure/registration Delivery arrangement ▸ By whom care is provided • System - Need/demand/supply		Effects of changes in the pre-licensure education of health workers on health-worker supply	2007	Not yet available	USA (2)	Show links	Create
☐	Systematic review	Effectiveness	Governance arrangement ▸ Commercial authority ▸ Professional authority ▸ Training/licensure/registration		Strategies for engaging the private sector in sexual and reproductive health: how effective are they?	2003	Not yet available	Not reported in detail - Description states: Cameroon (min 1); Colombia (min 1); China (min 1); Ghana	Show links	Create

EVIDENCE >> INSIGHT >> ACTION

More Sample Scenarios 3

- Sample Scenario (3)

  ❑ A research-funding agency needs to identify what's known about implementation strategies to support national policy priorities

Health system topics

- ⊞ ☐ Governance arrangement (79)
- ⊞ ☐ Financial arrangement (104)
- ⊞ ☐ Delivery arrangement (1081)
- ⊞ ☑ Implementation strategy (302)

Canadian priority areas

- ⊞ ☑ National priority funding area (462)
- ⊞ ☐ Other priority area (586)
- ⊞ ☐ Performance indicator (13)
- ⊞ ☐ Priority research themes - Listening for Direction III (710)

AND ↕

Recent updates
Updated: Last update ↕

Results

Your search returned 3 results. **Show search terms**

	Type of synthesis [Re-sort]	Type of question [Re-sort]	Health system topic(s)	Title	Last year literature searched [Re-sort]	Quality rating [Re-sort]	Countries in which studies (included in the synthesis) were conducted	Show links to summary, abstract and full-text report	Create a 1-page summary
☐	Systematic review (Cochrane)	Effectiveness	Delivery arrangement ▸ To whom care is provided & with what efforts to reach them ▸ Package of care/care pathways/disease management	Support during pregnancy for women at increased risk of low birthweight babies	2010	Not yet available	Not yet available	Show links	Create
☐	Systematic review	Many	Delivery arrangement ▸ With what information & communication technology (ICT) is care provided ▸ Other ICT that supports individuals who provide care	Internet-based medical education: A realist review of what works, for whom and in what circumstances	Not reported	Not yet available	Not yet available	Show links	Create
☐	Systematic review	Not effectiveness	Governance arrangement ▸ Policy authority ▸ Centralization/decentralization of policy authority ▸ Coverage/reimbursement decision-making authority about what or who is	The impact of the NHS market: An overview of the literature	Not reported	Not yet available	Not yet available	Show links	Create

McMaster University

McMaster HEALTH FORUM

EVIDENCE >> INSIGHT >> ACTION

Next Steps for HSE

- Ongoing monthly updates
- New topic-specific bulletins
- General evidence service
- Tutorials on content and use
- Webinar series with the Canadian Cochrane Centre
- Podcasts of webinars

Interactive Question 4

- *Do you have other questions that you would use **Health Systems Evidence** to search for research evidence about?*

Interactive Question 5

- *Given what you now know, are you likely to use* **Health Systems Evidence** *to find synthesized research evidence about governance, financial and delivery arrangements within health systems and about implementation strategies within health systems ?*

  - ❑Yes
  - ❑No
  - ❑Maybe

Questions?

Contacts:

- Lori Greco, Knowledge Broker

  lgreco@mcmaster.ca

- Kaelan Moat, Doctoral Student

  moatka@mcmaster.ca

EVIDENCE >> INSIGHT >> ACTION