

REVIEWER ASSESSMENT TEMPLATE

Meta-Analysis or Systematic Review

Intervention Research Article

(Rev. August 12, 2009)

1 Title/abstract

The following is an example of what should have been imported from RefWorks. Please type in the abstract from the article if this is missing. If you need to edit, please do, but correct only typo-graphical errors. This section should match what has been published.

Author:	Cameron, I. D.; Handoll, H. H. G.; Finnegan, T. P.; et al
Article Title:	Co-ordinated multidisciplinary approaches for inpatient rehabilitation of older patients with proximal femoral fractures.
Journal Name:	<i>Cochrane Database of Systematic Reviews</i>
Year, Volume, Issue, Page #:	2007, Vol. , Iss. 4

Author Abstract:

Background: Hip fracture is a major cause of morbidity and mortality in older people and its impact, both on the individual and to society, is substantial. Objectives: To examine the effects of co-ordinated multidisciplinary inpatient rehabilitation, compared with usual (orthopaedic) care, for older patients with hip fracture. Search strategy: We searched the Cochrane Musculoskeletal Injuries Group specialised register (December 2002), MEDLINE (1966 to December 2002), conference proceedings and reference lists of articles and books. We also contacted colleagues and trialists. Selection criteria: Randomised and quasi-randomised trials of post-surgical care using specialised rehabilitation of mainly older patients (aged 65 years or over) with hip fracture. Data collection and analysis: Trial assignment to included, excluded and awaiting assessment categories, was by consensus. Two reviewers independently assessed trial quality and extracted data. Limited additional information was sought from most trialists. As well as pooling data from primary outcomes, supplementary analyses were performed to combine clinically relevant outcomes and investigate possible explanatory factors. Main results: In this minor update, new data for two already included trials have been incorporated, resulting in only slight changes to the pooled results. The nine included trials involved 1887 patients. The combined outcomes of death or requiring institutional care showed no significant difference between intervention and control groups (relative risk 0.93; 95% confidence interval 0.83 to 1.05). There was considerable heterogeneity in length of stay and cost data. Using death and deterioration in function as a further combined outcome variable yielded a relative risk of 0.91 (95% confidence interval 0.83 to 1.01). This should be interpreted with caution due to heterogeneity. No quality of life measures were reported and the two trials investigating carer burden showed no evidence of detrimental effect from the intervention. The review update did not result in any new data for these outcomes. Authors' conclusions: The available trials reviewed had different aims, interventions and outcomes. Combined outcome measures (e.g. death or institutional care) tended to be better for patients receiving co-ordinated inpatient rehabilitation, but the results were heterogeneous and not statistically significant. Future trials of post-surgical care involving inpatient rehabilitation, or other models such as 'early supported discharge' and 'hospital at home' schemes, should aim to establish both effectiveness and cost effectiveness of multidisciplinary rehabilitation overall, rather than attempt to evaluate its components. [CINAHL Note: The Cochrane Collaboration systematic reviews contain interactive software that allows various calculations in the MetaView.]

Keywords: (author provided)

RefWorks ID: XXXX

2 **Inclusion criteria** (revised 8/12/09)

Page 1, electronic form:

The following screening questions will help direct you to use one of three forms to review an article examining **Topic 2: Care Coordination**. The review form you use will reflect the methodology of the article and can be either a **Synthesis, Experimental, or Non-Experimental review form**. (The electronic version of the review form will automatically direct you to the proper form depending upon your answers to the screening questions).

Please use SWLI's definition of Care Coordination (CC) to guide your assessment of whether to include a study.

Care Coordination can be defined as proactive, responsive, continuous, and consensual coordination of medical care, mental health, and social support services for an elder and family/caregivers. It is an assessment-based, interdisciplinary approach to integrating health care and social support services in which a care coordinator manages and monitors an individual's needs and preferences based on a comprehensive plan.

Additionally, please view the following criteria through the definition provided above to determine whether to include a study for review. Examples are provided in the manual, along with in-depth definitions of the types, components, and coordinators.

A) The article must report on an outcome of a Care Coordination intervention.

The study must contain **1 Type of CC from B** and **all of the Components of CC from C** to be accepted for review.

B) The study must involve Care Coordination, as defined above, and be described as 1 of the following Types:

- Case Management
- Care Management/Disease Management
- Care Coordination
- Transition in care services
- Transfer or discharge planning
- Patient Centered Medical Home

C) The study must contain all of these Components of Care Coordination:

- Coordination of health care and social support services
- Actions are based on an individualized comprehensive plan
- An individual or a team manages and/or monitors the plan

D) The study may, or may not, include the following components:

- Assessment based
- Multi-disciplinary approach

E) The study must include participants (those reported in the article who are receiving the intervention) who are 65 years of age or older. If the participant population is younger than 65 years of age but the care coordination intervention is particularly insightful then you may include the study.

F) The study must be published in a journal between the years 1995 and the present.

G) The study must be published in English.

OR

- Include** because the article offers the following unique information relating to the topic:
-

- Exclude** because the article does not meet the criteria listed above or because of another reason as follows: (Don't be uneasy about excluding a study. Although the abstracts were reviewed, if they were available, it is sometimes necessary to read the study. Additionally, your decision to exclude will be reviewed by a second reviewer).
-

3 Study Methodology

Page 1, electronic form:

- Q2. Determine whether the article reports the results of a synthesis of research studies or reports a single research study.**

Does the article report a **single research** study ?

- Yes, answer Q3. (the article reports a study that used either an experimental, quasi-experimental or non-experimental design to measure outcomes.)
- No. *Use the Synthesis Form.* (You can STOP here and press the continue button at the bottom of the page. The electronic version will automatically direct you to this form.)

Q3. If you answered Yes to Q2, determine whether the study reported in the article primarily used an experimental, quasi-experimental or non-experimental design to measure outcomes.

Was an experimental or quasi-experimental design used for all or part of the study (such as to examine at least one of the questions)?

- Yes, *use the experimental form.* (You can STOP here and press the continue button at the bottom of the page. The electronic version will automatically direct you to this form.)
- No, answer Q4.

Q4. If you answered No to Q3, determine if the study reported in the article used a non-experimental design.

Was a non-experimental design (e.g. survey, qualitative methods) used for all or part of the study (such as to examine at least one of the questions)?

- Yes, *use the non-experimental form.* (You can STOP here and press the continue button at the bottom of the page. The electronic version will automatically direct you to this form.)
- No, (this article should not be reviewed)

4 Evaluator's Addition to the Abstract

Page 2, electronic form:

Evaluator's addition to abstract to provide missing elements

If the author abstract does not include descriptions of the following elements, please provide an addition to the abstract which includes the elements missing from the author abstract.

Does the abstract include description of the following elements?

Elements Needed		Decision
<input type="checkbox"/> Program under investigation <input type="checkbox"/> Participants <input type="checkbox"/> Research method <input type="checkbox"/> Findings <input type="checkbox"/> Conclusions	→	<input type="checkbox"/> Yes, go to next question <input type="checkbox"/> No, go to reviewer abstract below to provide missing elements.

Reviewer's addition to abstract to provide needed elements:

5 Selecting Topics

Page 2, electronic form:

Reviewer topical keywords (check all that you think apply):

What are the author's stated, dominant issues, or focus of the research/intervention? Focus on the research questions and use the keywords that describe the elements of the question.

- | | |
|---|---|
| <input type="checkbox"/> Abuse/violence/neglect
<input type="checkbox"/> Adjustment to dialysis
<input type="checkbox"/> Adolescent services/health
<input type="checkbox"/> Aging | <input type="checkbox"/> Alzheimer's disease/dementia
<input type="checkbox"/> Benefits and personal finance
<input type="checkbox"/> Care coordination
<input type="checkbox"/> Caregiver stress/burden |
|---|---|

- Case management/care management
 - Child welfare/ children's services
 - Chronic illnesses
 - Classification system for social work interventions
 - Cost effectiveness
 - Counseling/psychotherapy/ psychosocial services
 - Crisis intervention
 - Community development/organization
 - Criminal justice
 - Cultural competence
 - Death and dying
 - Disabilities
 - Discharge planning/transitions between care settings
 - Educational issue
 - Employment/workforce/staffing
 - Evidence based practice
 - Family/informal/unpaid care giving
 - Families, children and young people
 - Government and social policy
 - Gay/lesbian issues
 - Grandparents
 - Health and healthcare
 - Health insurance/managed care
 - Healthcare professions (medicine, nursing, OT, PT)
 - HIV/AIDS
 - Housing and environment
 - Home and community based services
 - Hospice
 - Identification of research priorities
 - Immigrants/immigration
 - Instrumentation/tool development/measurement
 - Interdisciplinary relationships/ collaboration
 - International approaches to population aging
 - Long-term care
 - Managed care
 - Medicaid
 - Management and organizational development
 - Medical insurance
 - Medical/clinical treatments/interventions
 - Medicare
 - Mental health
 - Methods
 - Needs assessment
 - Non-professional providers (aides, assistants)
 - Outcomes-based measurement
 - Patient and family education
 - Patient-provider communication
 - Poor/vulnerable populations
 - Primary care
 - Program description
 - Program development
 - Program evaluation
 - Public health
 - Public policy
 - Quality improvement/TQM
 - Referrals
 - Regulatory/legal issue
 - Rehabilitation
 - Research
 - Research agenda
 - Research capacity
 - Respite care
 - Risk assessment
 - Risk management
 - School social work
 - Social services
 - Social work practice patterns
 - Social work profession
 - Social work research
 - Staff development
 - Substance abuse/alcohol abuse
 - Utilization of services
 - Other, specify:
-

6 *Research Question and Hypothesis*

Page 2, electronic form:

The components that should be included in stating the major problem, posed in a question form, are: the intervention(s)/treatment(s) being tested/compared, the population, and the specific primary outcome variables.

Major problem under investigation (author stated problem abstracted in one sentence if possible):

Major hypotheses (if any):

7 *Type of Synthesis*

Systematic review

- Meta-analysis
- Narrative Review

Non-systematic review

- Conceptual review
- Critical review
- Expert review
- Rapid review
- Realistic review
- Scoping review
- “State of the art” review
- Traditional review

8a-c *Criteria for Inclusion of Studies in the review/analysis*

Page 2, electronic form

Population or Participants

8a *Age*

Age (check all that apply)

- Children (0-17)
- Adults (18-64)
- Older Adults
 - 65-84
 - 85 and older
- Families (couples, parents, children, other relatives)
- Other, specify: _____
- Not Stated
- No exclusion (i.e. did not exclude or include based on group/age)

8b *Gender*

Gender

- Male
- Female
- Transgender
- Not Stated
- No exclusion (i.e. did not exclude or include based on group/age)

8c **Racial/Ethnic Group**

Primary racial/ethnic group (*check all that apply*)

- Aboriginal (e.g. American Indian, Alaska Native, etc.) descent
- Asian/Pacific Islander descent
- Black/African descent
- Latino/Hispanic descent
- Multi-ethnic descent
- White descent
- Not Stated/Specified
- No exclusion (i.e. did not exclude or include based on group/ag)

9a **Types of Intervention: Common**

Page 2, electronic form

Common interventions (*select all that you think apply— control-click to select multiple*)

Interventions (if applied)

- Not Applicable
- Other
- Adult day care
- Adult family care
- Adult foster care
- Advocacy
- Assisted living
- Care coordination
- Care management
- Caregiver support services
- Chore services
- Client representation
- Coping Skills
- Education/training
- Employment services
- Financial assistance
(e.g., assistance with budgeting, attaining Medicaid or Medicare coverage)
- Geriatric evaluation and management (GEM)
- Healthcare assistance
(e.g., acute care, rehabilitation)
- Homemaker services
- Hospice or palliative care
- Housing assistance
- Information services
- Legal counseling or referral
- Nursing home/skilled nursing services
- Nutrition services
(e.g., congregate meals, home delivered meals, nutrition counseling)
- Ombudsman assistance
- Personal emergency response system provision
- Problem-solving
- Protective services
- Referrals
- Respite
- Risk management services
- Socialization services
- Support group
- Telephone reassurance
- Transitional services
(e.g., across care settings, discharge planning)
- Transportation

If other selected, specify: _____

9b Types of Intervention: Clinical

Page 2, electronic form

Clinical interventions (select all that you think apply— control-click to select multiple)

Clinical Interventions (if applied)

- | | |
|--|--|
| <input type="checkbox"/> Not Applicable | <input type="checkbox"/> Interpersonal psychotherapy (IPT) |
| <input type="checkbox"/> Other | <input type="checkbox"/> Milieu psychotherapy |
| <input type="checkbox"/> Behavior therapy | <input type="checkbox"/> Multi-systemic therapy |
| <input type="checkbox"/> Case management | <input type="checkbox"/> Parent training |
| <input type="checkbox"/> Cognitive behavior therapy (CBT) | <input type="checkbox"/> Psychoanalytic/ Psychodynamic psychotherapy |
| <input type="checkbox"/> Couples therapy | <input type="checkbox"/> Psychoeducation |
| <input type="checkbox"/> Dialectical behavior therapy (DBT) | <input type="checkbox"/> Reminiscence & life review |
| <input type="checkbox"/> Existential psychotherapy | <input type="checkbox"/> Short-term/time-limited psychotherapy |
| <input type="checkbox"/> Family therapy (general) | <input type="checkbox"/> Social work counseling |
| <input type="checkbox"/> Family therapy (manual-based) | <input type="checkbox"/> Spirituality counseling |
| <input type="checkbox"/> Forensic psychotherapy | <input type="checkbox"/> Substance abuse counseling |
| <input type="checkbox"/> General psychotherapy (unspecified) | <input type="checkbox"/> Supportive psychotherapy |
| <input type="checkbox"/> Gestalt psychotherapy | |
| <input type="checkbox"/> Group psychotherapy | |
| <input type="checkbox"/> Humanistic psychotherapy | |

If other selected, specify: _____

10a Outcomes (individual)

Page 2, electronic form

Primary Outcomes

Individual outcomes (check all that apply)

- Not Applicable
- Other
- Composite measure of outcome and time (e.g., quality adjusted life years, potential years of life lost, disability adjusted life years, health adjusted life expectancy)
 - Experience in hospitals, prisons, other facilities/programs- Admissions/recidivism
 - Experience in hospitals, prisons, other facilities/programs- Length of stay
 - Experience in hospitals, prisons, other facilities/programs- Other, specify
 - Health related quality of life measure (HRQL)- Experiences with care (e.g., patient/client satisfaction measure)
 - Health related quality of life measure (HRQL)- Functional measures (e.g., SF36, social adjustment, psychosocial functioning)
 - Health related quality of life measure (HRQL)- Symptoms (e.g., difficulty breathing)
- Mental health outcomes (e.g., depression, anxiety)
- Mortality
- Other health-related outcomes (alcohol, drug use, HIV, STDs)
 - Physiologic measure -Medication adherence/compliance to treatment plan
 - Physiologic measure -Physical health/medical outcomes (e.g., infection, skin breakdown, falls, etc.)
- Risk factors/assessment/screening

- Service utilization/access to care

If "Other" selected, specify: _____

If "Mental Health Outcomes" selected, please specify: _____

If "Other health-related outcomes" selected, please specify: _____

If "Experience in hospitals, prisons, other facilities/programs" selected, please specify _____

10b Outcomes (program)

Page 2, electronic form

Program-related outcomes

- Not Applicable
- Other
- Development of service or program, practice standard, guidelines, protocols
- Effectiveness (i.e., outcomes measured in routine practice)
- Efficacy (i.e., outcomes measured under highly controlled conditions)
- Efficiency (i.e., greatest improvement at the lowest cost)- Cost analysis (e.g. cost benefit , cost utility)
- Efficiency (i.e., greatest improvement at the lowest cost)- Cost effectiveness
- Equity (i.e., fairness of outcomes distributed across groups - according to some view of what is a fair share of benefits and burdens)
- Inter-professional collaboration (e.g., improve communication systems)
- Quality (i.e., goodness of outcomes as compared to some standard of desirability)
- Quality of care
- Service system-related barriers to care
- Staff satisfaction
- Utilization of EBP/ systematic review findings in practice/service settings

If Other selected, specify: _____

11 Research Strategy

Page 2, electronic form

Research Design and Type (check all that apply)

- Not Applicable
- Community –based participatory research
- Correlational-Case-control
 - Correlational-Cross-sectional
 - Correlational-Longitudinal-Cohort
 - Correlational-Longitudinal-Panel
 - Correlational-Longitudinal-Trend
- Efficiency –Cost benefit analysis
 - Efficiency –Cost effectiveness analysis
 - Efficiency –Cost utility analysis
- Experimental
- Pre-experimental-Case Study

- Pre-experimental-Non-experimental single subject design
- Pre-experimental-One group pretest/posttest
- Qualitative- Focus Group
 - Qualitative- Life History-(Oral history Interview)
 - Qualitative- Participant Observation
 - Qualitative- Qualitative Interview
- Quasi-experimental- Experimental Single Subject Design
 - Quasi-experimental-Multiple Time Series
 - Quasi-experimental-Non Equivalent Comparison
(including difference-of-differences, fixed effect, and propensity score methods)
 - Quasi-experimental-Single Simple Time Series
 - Quasi-experimental-Regression-Discontinuity
 - Quasi-experimental-Interrupted Time Series
 - Quasi-experimental-Other type
- Single Subject-Other

Quasi-experimental-Other _____
 Single Subject-Other _____

12 Language

Page 2, electronic form

Language (check all apply, if not applicable, go to 5f):

- English
- Non-English languages, specify: _____
- Other inclusion criteria: _____
- Specific exclusion criteria: _____

13 Other Inclusion Criteria

Page 2, electronic form

Please use the text box to specify additional inclusion criteria.

14 Other Exclusion Criteria

Page 2, electronic form

Please use the text box to specify additional inclusion criteria.

15a-g Search Strategy

Page 2, electronic form

Search strategy for identification of relevant studies.

15a Search Period

Search period: _____

15b Databases Searches

- | | | |
|--|---|---|
| <input type="checkbox"/> Not reported | <input type="checkbox"/> CommunityWIS | <input type="checkbox"/> PsycInfo |
| <input type="checkbox"/> Other | <input type="checkbox"/> DIPEX | <input type="checkbox"/> PubMed |
| <input type="checkbox"/> Ageinfo | <input type="checkbox"/> Educational Research | <input type="checkbox"/> REEL |
| <input type="checkbox"/> Ageline | Abstracts | <input type="checkbox"/> REPEC |
| <input type="checkbox"/> AIDSInfo | <input type="checkbox"/> ELSE | <input type="checkbox"/> Social Sciences Citation |
| <input type="checkbox"/> AIDSLINE | <input type="checkbox"/> EMBASE | Index |
| <input type="checkbox"/> AMED | <input type="checkbox"/> ERIC | <input type="checkbox"/> Social Service Abstracts |
| <input type="checkbox"/> ASSIA | <input type="checkbox"/> ETOH | <input type="checkbox"/> Social Work Abstracts |
| <input type="checkbox"/> BIOSIS | <input type="checkbox"/> HELMIS | <input type="checkbox"/> Sociofile |
| <input type="checkbox"/> British Education | <input type="checkbox"/> HMIC | <input type="checkbox"/> Sociological Abstracts |
| Index | <input type="checkbox"/> HSELINE | <input type="checkbox"/> SPORTDiscus |
| <input type="checkbox"/> C2-SPECTR | <input type="checkbox"/> HSTAT | <input type="checkbox"/> SUMSearch |
| <input type="checkbox"/> Cancerlit | <input type="checkbox"/> LexisNexis | <input type="checkbox"/> TRIP |
| <input type="checkbox"/> CareData | <input type="checkbox"/> LILACS | <input type="checkbox"/> Urbadisc |
| <input type="checkbox"/> CCTR | <input type="checkbox"/> MEDLINE | <input type="checkbox"/> Urban Studies Abstracts |
| <input type="checkbox"/> ChildData | <input type="checkbox"/> NIOSHTIC | <input type="checkbox"/> Others, specify: |
| <input type="checkbox"/> CINAHL | <input type="checkbox"/> OSH-ROM | _____ |
| <input type="checkbox"/> ClinPSYC | <input type="checkbox"/> POPLINE | _____ |

If Other selected, please specify: _____

15c Grey Literature Searches

- | | |
|--|---|
| <input type="checkbox"/> Not reported | <input type="checkbox"/> Ovid HealthSTAR Database |
| <input type="checkbox"/> Other | <input type="checkbox"/> Planex |
| <input type="checkbox"/> COPAC | <input type="checkbox"/> PolicyFile |
| <input type="checkbox"/> Dissertation Abstracts | <input type="checkbox"/> SIGLE |
| <input type="checkbox"/> Index of Conference Proceedings | <input type="checkbox"/> TRIS |
| <input type="checkbox"/> Index to Scientific and Technical | <input type="checkbox"/> Urbadisc |
| Proceedings | <input type="checkbox"/> Urban Studies Abstracts |
| <input type="checkbox"/> Index to Social Science and | |
| Humanities Proceedings | |

If Other selected, please specify: _____

15d Searches of Registers of On-going Research

- | | |
|---|--|
| <input type="checkbox"/> Not reported | <input type="checkbox"/> PDQ |
| <input type="checkbox"/> Other | <input type="checkbox"/> C2-SPECTR |
| <input type="checkbox"/> CCTR | <input type="checkbox"/> FEDRIP (Federal Research in Progress) |
| <input type="checkbox"/> Clinicaltrials.gov | <input type="checkbox"/> HERO |
| <input type="checkbox"/> CRiB (Current Research in Britain) | <input type="checkbox"/> MRCT |
| <input type="checkbox"/> HSRProj | <input type="checkbox"/> Unreported Trials Register |
| <input type="checkbox"/> ISRCTN Register | |
| <input type="checkbox"/> NHMRC | |

If Other selected, please specify: _____

15e Internet Searches

- Not reported
- Other
- Dogpile
- Google Search
- Google Scholar
- MSN Search
- Scirus
- Yahoo Search

If Other selected, please specify: _____

15f Hand Searches

- Not reported
- Other

If Other selected, please specify: _____

15g Reference List Searches

- Not reported
- Other

If Other selected, please specify: _____

16 Search Terms

Page 2, electronic form

The following search terms were used: *(Please list or copy and paste from the article into electronic form. Enter Not Used, Not Applicable, or Not Reported, if appropriate)*

17 Quality Filters

Page 2, electronic form

The following search strategy using these filters were used: *(Please list or copy and paste from article into electronic form. The quality filters may have been listed in the search terms and may be repeated here. Enter Not Used, Not Applicable, or Not Reported, if appropriate)*

18 Number of Studies Retrieved and Included

Page 2, electronic form

Studies Identified and retrieved: _____ (Enter negative 1 for Not reported)

Studies Included in the review: _____ (Enter negative 1 for Not reported)

19 Findings with Associated Statistics if Meta-analysis

Page 4, electronic form

Findings, including statistical significance levels:

The intervention is found to be **effective/efficacious** in:

Findings	Statistical Levels (If Applicable)
<i>Example: "decreasing depression" (Please provide complete sentences)</i>	M=114 (101-127), $p < .001$
(1)	
(2)	

The intervention studied is found to be **ineffective/inefficacious** in:

Findings	Statistical Levels (If Applicable)
<i>Example: "decreasing re-hospitalization" (Please provide complete sentences)</i>	RR (and 95% CI) 0.5 (0.3-0.9), $p < .05$
(1)	
(2)	

20 *Conclusions, Implications, and/or Applications*

Page 4, electronic form

Conclusions and implications or applications:

21 *Study Limitations*

Page 4, electronic form

Study limitations:

22 *Reviewer's Notes (public)*

Page 4, electronic form

Reviewer's notes:

23 *Reviewer's Notes (private)*

Page 4, electronic form

Internal Reviewer's notes: (Private)

24 *Link(s) to Primary papers, if applicable*

Page 4, electronic form

Link study articles in this synthesis (if applicable): (already populated and linked)

25 *Link(s) to Primary papers, if applicable*

Page 4, electronic form

List articles in this synthesis (if applicable): (reviewer to enter, no links)
