Description of the condition

Description of the condition

Length of labour varies between women, with first labours lasting on average eigh homes faul willed job Law more than 183 and second and ulselequest labours lasting on average five home faul and ulselequest labours lasting on average five home faul and ulselequest labours lasting on average for labour doubt calc into account one tax leaves lating to the labour lasting data and the labours lasting on average for labour doubt calc into account on the labour lasting last

Description of the interventuous

Opyroch has been widely used in observic practice and increases both the frequency and strength of sterior contractions in labour. In doors under 4 mt/Jmin, it has been shown to abstract labour but not alter made of birth (WR 2007).

When his labour assessed as requiring augmentation by concein for delay or slow progress in labour. We only included women with live fetures.

It is plausible that increasing both the dose and speed of the oxy-tocin will increase the number of women having a spontaneous vaginal birth. It is currently routine treatment for women delayed in labour, and while it does carry potentially harmful side effects, clinicians routinely effectively titrate the dose against uterine con-

Why it is important to do this review

Why it is important to do this review

Evidence suggest that high doses of oxysocian may increase yegotuneous vaguilar behavior so from your increase yegotuneous vaguilar behavior review included trials that compared
autonomes or how this might affect women's kinthe experience. One
non-Cochature spreamer review included trials that compared
high sevent lowe doses of expection for segmentation of labour (Xei
2015) but more of the circle were undertained in the context of
service surrects to auses the risks and benefits of high- and
low-dose regiment of expected for augmentation of labour to
2. Neonatal mortality rate (as defined by reial ambors)
2. Neonatal mortality rate

* Increase interval between 15 and 40 minutes.

* The separation of low and high dose is based on an arbitrary
decision.

* The separation of low and high dose is based on an arbitrary
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* In the separation of low and high dose.

* T

delayed first stage of labout. We have excluded ritial undertaken in the context of active management of labour (one-to-one continuous support, strict definition of established labour, early aminonomy, routine two-houthy vaginal examinations and oxyrocin if labour becomes slow), or as part of induction of labour.

OBJECTIVES

To compare starting dose as well as increment dose of oxytocin for augmentation in delayed labour to determine whether augmentation by high dose of oxytocin improves labour outcomes and women's satisfaction.

METHODS

Criteria for considering studies for this review

Types of studies

All randomised and quasi-randomised controlled trials. We in-tended to include both published or unpublished trials.

Types of interventions

High narring and increment dose (6 micro unit (m.U.) per minute are more) of oxystein for augmentation in delayed labour compared with low dose tells that 4 ml Uper minute, We defined amount of oxystein as below.

Higher own of offined as sarring dose and increment of oxystein as below.

In the contract of th

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- Caesarean section rate
 Women's satisfaction (measured quantitatively using validated questionnaires)
 Length of labour

- Secondary outcomes

 1. Spananeous augilla birth

 2. Instrumental weglind birth

 2. Instrumental weglind birth

 3. Incidence of Physentimulation Generacting genere than five
 in 10 minuses for at least 20 minuses with first heart rate
 changes)

 4. Incidence of upured uteran

 5. Depoins of circinsammionitis

 6. Incidence of propayuma hammeringe (blood loss more

 6. Incidence of propayuma hammeringe (blood loss more

 7. Use of regletula analogisti

 8. Incidence of abnormal cardioneography (comidered only if
 billingly assessed)

- 8. Incidence of abnormal cardiotocography (considered only billiodily sussessit)
 9. Incidence of women's pyrexia
 10. Incidence of dystocia
 11. Nemaral outcomes of Appar scores, umbilical cord pf4, neurological morbidity, admission to special care baby units

Search methods for identification of studies

- identified from:

 1. monthly soutches of the Cochrane Central Register of Controlled Thisis (CENTRAL);

 2. weedly searches of MEDLINE:

 3. weedly searches of Embase:

 4. handsearches of 30 journals and the proceedings of major conferences:

2. worldy rearches of MEDLINE:
3. worldy searches of findese
4. Inudestarches of \$9\$ journals and the proceedings of mistor
conferences:
5. worldy current sewareness alers for a further \$6\$ journals plan mouthly fillowed Certual email alers.
Detail of the search strategies for CENTRAL MEDLINE and Embaste, the list of Manuscherchid journals and conference proceedings, and the lart of journals reviewed sit the current among which the original information about the Cooler are Progrately-and Children's Corporate of the Cooler and Children's Corporate of the Cooler and Children's Corporate that is a signed to a review topic for repion). The Thial Searched Cooler than beginning activities described above are cach salgued to a review topic for repion). The Thial Searched Cooler than beginning the searching activities described above are cach salgued to a review topic for repion). The Thial Searched Cooler than beginning the searching activities described above the Cooler and the Cooler than the primer for each review using the topic list archer than keywords.

Searching other resources
We searched the reference lists of retrieved studies.
We did not apply any language restrictions.

Data collection and analysis

We used the following methods when assessing the reports iden-tified by the search.

Netection of studies

Review authorn Rintane Mori (RM), Hitenabu Tokumazu (HT),
Therete Donsovell (TD) and Star Kertyon (SO) independently
sassened for includion all the permital noticel intentified as sensite
of the seach strategy. We intended to resolve any diagreement
through distausion or, if required, consult Debbie Piedge (DP);
there was no disagreement found.

Data extraction and management We designed a form to extract tap prior to the review. For eligible studies, RM, HT and TD extracted the data using the agreed form, which was checked by SK. We resolved discrepancies through custion on if required, we planned to consult DV (shough we were able to resolve all discrepancies by discussion). We entered data to mobile the control of the control of the control of the time for the control of the control of the control of the time of the control of the control of the time of time of

Electronic tearches

We constanct the Tishis Search Co-ordinator to search the
Cachane Pregamey and Childbirth Group's Trials Register (3)

The Cochane Pregamey and Childbirth Group's Trials Register
in minimization by the Trials Search Co-ordinator and contain reads
iterational forms.

Assessment of risk of bias in included studies

RM, HT. TD and SK independently assessed risk of bias for each
sundy using the criteria outlined in the Cachane Handbook for
Septential Review of Interventions (Higgin: 2011). We resolved all
disagreement by discussion.

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(3) Bilinding of participants, personned and outcome assessment (thecking for possible performance bias) whe describe for continuedule study if may be describe for continuedule study if may be describe for continuedule study in my bilind study participants and personnel from knowledge of which intervention a participant recived. We considered studies to be at low risk of bias if why were bilinded; or if we pingled that the lack of bilinding would be unilitely to stiff the trustle. We assessed the methods as "

I would be outcarrised to bias for participants;

I low, high or unclear risk of bias for participants;

I low, high or unclear risk of bias for outcome assessment.

(c) pieconspired outcomes data (necessing ser possions arterison based to the other amount, nature and handling of incomplete. We describe for each included using of incomplete. We describe for each included using a fine product of the continuous of the continuous

(5) Selective reporting (checking for reporting bias)

We describe for each included analy how we investigated the prosibility of selective concure reporting his and what we found.

We arrested the methods as

- born fair of this (where is it clear that all of the study's prespecified outcomes and all experted outcomes of innerest to the
review have been approach;

- intervention allocation could have been foreseen in advance of, or during recuriment, or changed after assignment.

 * high risk of bias (where not all the multy's pre-specified autonomes have been reported printing). The concentrative numbered scaled pupue envelopes; it is a first of bias (s.g., relephone on central anothmication; table that is of bias (s.g., relephone allocations unuscaled or non-papue envelopes; it is marked to the second of the second pupul envelopes; and the second pupul envelopes; an

(7) Overall risk of blas We mad explicit judgmenns about whether studies are at high risk of bias, according to the criteria given in the Handsas (Figure 201). With reference to (1) to (a) above, we assessed the filelish magnitude and direction of the bias and whether we considered it is likely to import on the finadage. We planned to explore the impace of the level of bias through undertaking sensitivity analyses are Seculitying analysis.

Pressures of treatment enecet.

We carried our starbuical analysis using the Review Manager software (RevNen 2012). We used freet-effect meta-nalysis for combining data where trials examined the same intervention, and the trials 'populations and methods were judged to be sufficiently similar. Where we suspected dishold or starbuiched hererogeneity between rundles, sufficient to suggest that treatment effects night effect between trails, we carried our tandom-effects meas-analysis.

For dichotomous data, we presented results as summary risk ratio with 95% confidence intervals.

For continuous data, we used the mean difference if outcomes were measured in the same way between trials. We used the standardised mean difference to combine trials that measure the same outcome, but used different methods.

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Unit of analysis issues

Cluster-randomised trials

We did not identify any cluster-randomised trials for inclusion in
this review. However, live whemtify cluster-randomised trials for
inclusion in future updates. we will include them in the analyses along with include/in-paramonised ratio. We will adapt
set along with include/in-paramonised ratio. We will adapt
set along with include/in-paramonised ratio. We will adapt
set along with include includes a consideration (ECO, 446
of a similar population. If we use CCC from other sources, we will
report this and coulders emissiony analyses to investigate the effect
of variation in the ECC. If we identify both cluster-randomised
trial and individually-monomised citals, we plus no synthesis the
release information. We will consider it examable to combine
study designs, and the interaction between the effect of intervention and the choice of randomission unit is considered to be usillady.

We assestd statistical heterogeneity in each meta-analysis using the T2, I2 and Chil' statistics. We regarded hemospeneity as sub-standiid if a T3 was gater than as one did enter a IY was greater than as one did enter a IY was greater than as one did enter the was sized of the reason of the reas

Assessment of reporting biases

Assessment of reporting biases Where we superest propring biase SWere we suspected reporting biases found as publication biasts, we attempted no contact mudy authors asking them to provide mining notioned are more studies in the mest-analysis, we will investigate reporting biases found to publication biasis unling funned plots. We will assess farmed plots asymmetry. For continuous outcomes, we will use the user prosposed by Tegar 1970, and for dishonous contonies, we will use the user proposed by Tegar 1970, and for dishonous contonies, we will use the user proposed by Tetarbed 2009. Five decrea anyunteriny in any of these tess to be a visual assessment, we will perform neglonearous midyes to inventigate it.

Data synthesis

Data synthesis

We carried our strictical analysis using the Review Manager software (RovAm.» 2012). We used lixed-effect meta-analysis for combining data where it was reasonable to assume that studies were estimating the ame underlying treatment (effect i.e. where eithed were canning the tame innerestion, and the trials populations and methods were prolifered and readers were judged antificiently usually. If there was distilled and methods were judged antificiently usually. If there was distilled to the string of

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Schedules for home visits in the early postpartum period (Review)

Yonemoto N, Dowswell T, Nagai S, Mori R



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TABLE OF CONTENTS

HEADER	1
ABSTRACT	5
PLAIN LANGUAGE SUMMARY	2
BACKGROUND	3
OBJECTIVES	4
METHODS	4
RESULTS	8
Figure 1	11
Figure 2	12
DISCUSSION	16
AUTHORS' CONCLUSIONS	18
ACKNOWLEDGEMENTS	18
REFERENCES	18
CHARACTERISTICS OF STUDIES	21
DATA AND ANALYSES	46
Analysis 1.1. Comparison 1 Schedules involving more vs fewer postpartum visits. Outcome 1 Maternal mortality within 42	
days post birth.	53
Analysis 1.2. Comparison 1 Schedules involving more vs fewer postpartum visits. Outcome 2 Neonatal mortality.	54
Analysis 1.3. Commarison 1 Schedules involving more vs fewer postpartum vigits. Outcome 3 Severe maternal morbidity.	55
Analysis 1.4. Comparison 1 Schedules involving more vs fewer postpartum visits, Outcome 4 Secondary postpartum	
haemorrhage	56
Analysis 1,5. Comparison 1 Schedules involving more vs fewer postpartum visits, Outcome 5 Abdominal pain up to 42	
days postpartum.	57
Analysis 1.6, Comparison 1 Schedules involving more vs fewer postparrum visits, Outcome 6 Back pain up to 42 days	27
postparium, , ,	58
Analysis 1.9. Comparison 1 Schedules involving more vs fewer postpartum visits. Outcome 9 Urinary tract complications	20
up to 42 days postpartum.	59
op to 42 days postpartum. Analysis 1.10. Comparison 1 Schedules involving more vs fewer postpartum visits. Outcome 10 Maternal fever up to 42	39
days postpartum.	60
Analysis 1.11, Comparison 1 Schedules involving more vs fewer postpartum visits, Outcome 11 Dyspareunia.	61
Analysis 1.11. Comparison 1 Schedules involving more vs fewer postpartum visits, Outcome 11 Dyspareuma	61
general health at 6 weeks (mean SF36). Analysis 1,14, Comparison 1 Schedules involving more vs fewer postpartum visits, Ourcome 14 Mean postnatal depression	62
score (last assessment up to 42 days postpartum).	63
Analysis 1.16. Comparison 1 Schedules involving more vs fewer postpartum visits, Outcome 16 Mean maternal anxiety	
score (last assessment up to 42 days postpartum).	64
Analysis 1.17. Comparison 1 Schedules involving more vs fewer postparrum visits, Outcome 17 Maternal satisfaction with	
postnaral care	65
Analysis 1.18. Comparison 1 Schedules involving more vs fewer postpartum visits, Outcome 18 Mean satisfaction score	
with postnatal care.	66
Analysis 1.19. Comparison 1 Schedules involving more vs fewer postpartum visits, Ourcome 19 Setious neonatal morbidity	
up to 6 months.	67
Analysis 1.20. Comparison 1 Schedules involving more vs fewer postpartum visits, Outcome 20 Exclusive breastfeeding	
(last assessment up to 6 weeks).	68
Analysis 1.21. Comparison 1 Schedules involving more vs fewer postpartum visits, Outcome 21 Exclusive breastfeeding	
(last assessment up to 6 months).	69
Analysis 1.22, Comparison I Schedules involving more vs fewer postpartum visits, Outcome 22 Any breastfeeding (up to 6	
weeks).	76
Analysis 1.23. Comparison 1 Schedules involving more vs fewer postpartum visits, Outcome 23 Any breastfeeding (last	
assessment up to 6 months).	71
Schedules for home visits in the early postpartum period (Review)	

Analysis 1.24. Comparison 1 Schedules involving more wifeer postpartum with. Outcome 24 Mean dutration of any toreastfeeding (months).

22. Analysis 1.25. Comparison 1 Schedules involving more wifeer postpartum with. Outcome 25 Infant requiratory tack indication within 42 days.

23. Analysis 1.26. Comparison 1 Schedules involving more wifeer postpartum with. Outcome 26 Infant requirators within 42 days postpartum.

24. Analysis 1.27. Comparison 1 Schedules involving more wifeer postpartum with. Outcome 27 Infant diarnbees up to 42 days postpartum.

25. Analysis 1.28. Comparison 1 Schedules involving more wifeer postpartum with. Outcome 27 Infant diarnbees up to 42 days postpartum.

26. Analysis 1.29. Comparison 1 Schedules involving more wifeer postpartum with. Outcome 27 Nan prespectified Analysis 1.29. Comparison 2 Schedules involving more wifeer postpartum with. Outcome 28 Nan prespectified analysis 1.29. Comparison 2 Studies comparing different ways of offering postmand care at home. Outcome 9 Nontural depression (Bast assessment up to 42 days postpartum).

27. Analysis 2.20. Comparison 2 Studies comparing different ways of offering postmand care at home. Outcome 9 Nontural depression (Bast assessment up to 42 days postpartum).

27. Analysis 2.10. Comparison 2 Studies comparing different ways of offering postmand care at home. Outcome 15 Nontural motivider up to 28 days.

27. Analysis 2.10. Comparison 2 Studies comparing different ways of offering postmand care at home. Outcome 17 Enclusive breatfeeding data assessment up to 60 days on the weeks).

28. Analysis 2.10. Comparison 2 Studies comparing different ways of offering postmand care at home. Outcome 18 Any breatfeeding data assessment up to 60 months.

28. Analysis 2.10. Comparison 3 Patental with at home we hospital clinic with, Outcome 19 Namen antennal antenity over data assessment up to 62 days postpartum).

28. Analysis 2.10. Comparison 3 Patental with at home we hospital clinic with, Outcome 18 Mean maternal antenity over data assessment up to 62

G weeks).

Andyth 3.10, Comparison 3 Pontutal visit at home we hospital clinic wisit, Outcome 19 Any breastfeeding (but assessment up to 6 months).

Andyth 3.21, Comparison 3 Pontutal visit at home we hospital clinic wisit, Outcome 21 Severe infant morbidity up to 6 weeks.

ADDITIONAL TRAILES.

CONTRIBUTIONS OF AUTHORS

DECLARATIONS OF INTEREST.

SOURCES OF SUPPORT

DIFFERENCES SETWEEN PROTOCOL AND REVIEW

INDEX TERMS

Schedules for home visits in the early postpartum period (Review)
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[Intervention Review

Schedules for home visits in the early postpartum period

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ABSTRACT

Background

Meernal complications including psychological and mental health psoblems and neonatal motivative been commonly observed in the postpartum period. Home with by health predestionals or by supporters in the weeks following the birth may prevent health psychology from the birth project mellicary one somes, their bales, and their families.

To assess outcomes for women and babies of different home-visting scheduler during the early posspartum period. The review focuses on the frequency of home-visit, the duration (when visits ended) and intensity, and on different types of home-visiting interventions. Search methods

We searched the Cochrane Pregnuncy and Childhirth Group's Trials Register (28 January 2013) and reference lists of retrieved articles. Selection criteria

Readomised controlled trials (BCTi) (including cluster-WCTi) comparing different types of home-visiting interventions entailing participants in the early peapuratum period (up to 2-d days after birth). We colculed studies in which women were estelled and received an intervention double the amental period (even tife intervention continued into the posturatal period) and studies recruifing only women from specific high-risk groups. (e.g. women with alcohol or drug problems).

Data collection and analysis

Study eligibility was assessed by at least two review authors. Data extraction and assessment of risk of bias were carried out independently by at least two review authors. Data were entered into Review Manager software.

Main results

We included data from 12 randomited trids with data for more than 11,000 women. The trids were carried out in countries across the world, and in both high- and low-resource restings. In low-resource vertings women receiving usual care may have received no additional formation are near early happed individuage.

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The interventions and control conditions varied considerably across studies with trials focusing on three broad types of comparisons: schedules involving more versus lever postnad home visus five madels, abediedule involving different models of case (three nuder), and home versus hopping claimp contract dischesque floor studies). In all but two of the included analoge, postnada care a home weak delivered by healthcare professionals. The sim of all inserventions was broadly to assets the wellbeing of mothers and bubbles, and to provide education and support, although some interventions had more specific aims such as to encourage breastfeeding, or to provide paractical support.

For most of our outcomes only one or two studies provided data, and overall tesults were inconsistent

There was no editors that jour on the means are successful to the control of the mean and the means and meant and me

Authors' conclusions

verall, findings were inconsistent. Pottstaad home visits may prostote infant heldeh and maternal satisfaction. However, the frequency, ming, dutarion and inensity of such postnaral case whits should be based upon local needs. Further well designed RCTs colusting is complete intervention will be equited to formulate the optional package.

PLAIN LANGUAGE SUMMARY

Home visits in the early period after the birth of a baby

Health problems for mothers and babies commonly occur or become apparent in the weeks following the birth. For the mothers these include postpartum haemorrhage, Fever and infection, addominal and back pain, abnormal discharge, thrombeembolims, and utinary acts complications as well as psychological and mental health problems such as postmat depression. Mothers may abso need suspect establish beartiefeding. Babies are art ick of death related to infections, applysis, and precent birth. Home visits by health professionals or lay supporters in the early postpartum period man preserve health problems from becoming layerseem, with offects on women, their babies, and their families. This review looked at different home-visiting schechules in the weeks following the birth.

bolies, and their lamilies. This review looked at different home-vising schedules in the weeks following the britis. We included II and/monitor trials with date for more than II.1000 womens. Some trials forced on physical closeds of the mother and newborn, while others provided suppose for breastfeeding, and one included the provision of practical suppose with housework and diddicare. They were carried out in both high-sectores countries and how-resource settings where women receiving usual case may not have received additional pountant care after early loopistal discharge.

The ristin focused on three broad types of computations checkellas involving more vents less pountab home wisit (for estudies), eschedules involving different models of care (three models, and home versus hospital clinic pountated circle-ups (four modelse), had been on of the included analyse pountable care a home was delivered by holdstane professionals. For most of our outcomes only one or we motted provided that and reveal treats were inconsistent.

or we studies provided data and overall readus were inconsistent.

There was no evidence phis house visits were unactived with reduced new-born deaths or scients hashift problems for the modern Women's physical and psychological health were not improved with more intensive achievables of home visits. Overall, bubles were less worse to be a supported and psychological health were not improved with more intensive achievables of home visits. Overall, bubles were less women to encludively breactfort their lathies. The different outcomes reported in different studies, how the outcomes were measured and the condictable visitions in the interventions and control conditions across studies were limitations of this review. The studies were of mixed quality as regards risk of bias.

More research is needed before any particular schedule of postnaral care can be recom

Schedules for home visits in the early postpartum period (Review)

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Description of the condition

The pengarum period, defined by the World Health Organization (WIP) of a rise period from diddistrib in the 201d day following delivery (WIP) (2005), in critical to obtin moders and respect to the condition of the

Description of the Intervention
The purpose of a home-rising pregnam is to provide support at
home for modern, bolitic, and familite by health professionals or
scalled attendam. In Newer, a single clearly defined methodology
for this intervention does not exite. Further, the term 'home visting''; is used differently in various content, (AF2 2009). Since
the 1970s, the length of boughtst say after child/birth has tillen
denantically in may lipid-mounce settings. Early portant all
sochange of healty moderns and even infant does not appear to
write the time for days of the birth by healthcape from home to
state that the time for days of the birth by healthcape form home,
not find a least some mineralisely limes visit as the time for days of the birth by healthcape professions or
women are offered as least one mineralisely limes visit as the
dischange (from 1902). Home-visiting programs provide beranfeeding and bygone chestrosis, presenting and child health in
surraction, and general support to families, successfully addressing

Lasi 2016; Slove 2060). Posquarum visits may prevent health

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problems developing or reduce their impact by early intervention or referral. Heme vitin have improved coretage of key maternal or referral. Heme vitin have improved coretage of key maternal intervention in the problems of the control of the problems of the control in particular objects of the control of the problems of the control of the problems of the control of the problems of the control of the control

Why it is important to do this review
Despite many tradits and reviews, widence reporting the effectiveness of different types of home visiting programs in the entry postness provided from bugsish there may be no, or very limitative provided from the post there may be no, or very limitative provided from the post of the major to very limitative provided from the post of the provided have a major to make a major to make a provided hy a range of the thinh and use a home, tervices may be provided by a range of the thinh and used a case against envelowm health visitions; could worker, panelia articisms and general practitionenth and may be fragmented, portunal home visits posteratily allow containing of care after the opinish discharge and for the assessment and referred of the mother and movelous.

The properties of the description of the different schedules of persparature home visiting programs reduce maternal visits and schedule for postparatum home visits? This review is collected reporter schedules for prosparatum home visits? This review is cluded reporter schedules for the provided provided the provided provided provided providing the frequency rimining duzzation and intensity of home when The optimal schedule has been account by TMO(TMO) (TMO). The provided provide

OBJECTIVES

The primary objective of this review is to assess outcomes (material and newborn mentality) of different home-wisting obsolutes during the early proparating period. The review focuses on the frequency of home visits thore many home visits objectively, the contract of home visits thore many home visits objectively, the contract of the visits of the primary of home visits of the visit of them to the behind observation (here with the contract of there with visits of the visits

Types or studies. We included studies that compared outcomes after home visits with outcomes of no home visits or different types of home-visit-ing interventions; trustle that used random or quain-andom all locations of participants; and those in which the mit of allocations or participants; and those in which the mit of allocations was the indicable of the ground three transfers. We have the parameter is include mades available only a advances, energy that these random were now integrated and the parameter of the parameter of the parameter was above, the cost study destinified.

Types of participants

types of participants (Eligible andies were ones that enrolled participants in the early proparating period up to \$0.2 days after birth). We carduded madis in which women were combled and reviced an intervention during the antenual period, even fines in which the intervention continued into the pountal period. We planned to coclude randies that only secretized women from excelled high-rich groups (e.g. women identified with alcohol or dispensable on an intervention to support and women have been addressed active (Crushed 2012).

vypes on interventions
Intervention included subcluded home visiting in the porpartum
period (excluding studies with antenual home visiting in which
the visit continued over many months). Interventions were home
within with visiting frequency, fining, dataset and intensity
We planned to include studies with the cinterventions. On home visitin may include another with the cinterventions. On home visitin may include another with the non-healthrant facilities. This
including group the did not receive home vitin would have been
edgine but would have been analysed supposed.

Types of outcome measures

Maternal mortality at 42 days post birth.
 Neonatal mortality.

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Maternal outcomes

1. Maternal motibilisti (postpartum haemorfrings, puerperal fever, abdominal and lock pain, Johnsom ditudrugs, puerperal grantial infection, Internotemobale ditudens and unitury tract complications) within 42 days after birth.

2. Maternal menutu health (depression, anxiety) and related problems (finimate partner violence, drug use) at 42 days after birth.

3. Satisfaction with overall care and service at 42 days after birth.

Nconstal outcomes

1. Nconstal modulities (procumonia, upper respitatory tract
infection, durinoto, septic meniogisis, encephalogualty or
ecrebal injury, and juundice) within 28 days after birth.

2. Esablished Feching regimen (e.g. exclusive brassfeeding) at
28 days after birth.

3. Incompleter immunisation.

Search methods for identification of studies

Electronic searches
We constand the Titals Search Co-ordinators to search the
Cockman Prepagato, and Childbirth Group's Titals Register (28
January 2018).
The Cockman Freguency and Childbirth Group's Titals Register
is misminated by the Titals Search Co-ordinator and contains studie

conference of the conference o

Co-ordinator searches the register for each review using the topic list rather than keywords.

Searching other resources

(2) Unpublished literature

We plunned to contact the authors for more details about the published trials/ongoing reals.

We did not apply any language restrictions.

Data collection and analysis

Selection of studies

Selection of studies: Two review authors (NY and SN) independently assessed eligibility for inclusion for all studies identified as a result of the search strategy. We resolved discrepancies by discussion and by consulting a third review author (RM).

Data extraction and management
We beigned a future to extract data. For eligible studies, two neview
authors (DY and SDN extracted the data mine; the agreed form.
We readwed discrepancies through discussion. We entered data
tion the Review Subange (Breddina) offstruck (Werled'n) 2013 Jund
checked for accuracy.
It information regulating may of the above had been unclear, we
planted to context authors of the original reports to provide further details.

Two review authors (TD and ND) independently assessed the risk of bias for each study using the criteria outlined in the Cochrane Hundlook for Systematic Review of Interventions (Fliggien 2011). We tended any disapprement by discussion or by involving an arbitismal successor (RM).

within the efforted information about the Cookstane Pregutacy
and Chiefdrich George.

Meethersfeed for each included mady the method used to governe
the allocation sequence in afficient detail to allow an assessment
of whether it should preduce comparable groups.

Schedulet for home visits in the early postpartum period (Review)
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Hypnosis for induction of labour (Protocol)

Nishi D, Shirakawa MN, Ota E, Hanada N, Mori R



This is a reprint of a Cochrane protocol, prepared and maintained by The Cochrane Collaboration and published in The Cochrane History 2013, Issue 11

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Hypnosis for Induction of labour (Protocol)

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TABLE OF CONTENTS

HEADER													
ABSTRACT													
BACKGROUND													
OBJECTIVES		 											
METHODS													
ACKNOWLEDGEMENTS													
REFERENCES													
CONTRIBUTIONS OF AUTHOR													
DECLARATIONS OF INTEREST													
SOURCES OF SUPPORT		 								,			

Hypnosis for induction of labour (Protocol)

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Hypnosis for induction of labour

Daisuke Nishi¹, Miyako N Shirakawa², Erika Ota³, Nobusugu Hanada⁴, Rimare Mori⁴

¹Department of Mettal Heldth Policy and Ecduation. National Institute of Mental Heldth, National Center of Neurology and Psychiatry, Kodaira, Jogan. ²Institute of Women's Heldth, Tokyo Women's Medical University, Tokyo, Japan. ³Division of Epidemiology. National Center for Child Heldth and Development, Tokyo, Japan. ⁵Department of Heldth Niley, National Center for Child Heldth and Development, Tokyo, Japan

Contact address: Rintaro Mori, Department of Health Policy, National Center for Child Health and Development, 2-10-1 Okura, Toleyo, 166-0014, Japan, Jiangromouf/Pamailicam.

Editorial group: Cochrane Pregnancy and Childbirth Group. Publication status and date: New, published in Issue 11, 2013.

Citation: Nishi D, Shirakawa MN, Ora E, Hanuda N, Mori R. Hypnosis for induction of labour. Cachrane Database of Systematic Reviews 2013. Issue 11, Art. No.: CD010852. DOI: 10.1002/14651858.CD010852.

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This is the protocol for a review and there is no abstract. The objectives are as follows:

The primary objective of the study is to investigate whether hypnosis is an effective means of inducing labour.

BACKGROUND

Description of the condition

Labour induction is a mobad to artificially stimular entries contained in the condition of the condi

Hypnosis for induction of labour (Protecol)

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Description of the intervention

Hypotols is a clonkipe that enhances concentration and interactive and properties of the production of the production of the control of the production of the p

How the intervention might work
It is currently unknown how hymonis works for induction of
labour. However, are megon suggest with hyponois might effect
better relaxation of the cereix (Fire 1960). Also, hyponois may ennoise is an effective means of inducing Libour.

hours and vaginal misograssed reduced the need for causarson deliveries, but both inscrementous heightened the risk of sucurities byperstandarises (Oncoun 1923). Valence 1990), self-confidence,
marriage and well-being (Studia: 2004), which can help to reperstandarises (Oncoun 1923). Valence 1990), self-confidence,
as taminant terms and balloon catheters reduced userine hypersimulation. In temporated maternal and encount affections complications (Montte-irid, 2011). Gene these possible problems,
complications of Administrative miscless (EAO) methods may
no now, it has been used mostly desting active labour while its
effectiveness in the inductions of falsons it Ragby utassions. The
purpose of this protocol is no send our evidence of its one and
benefits. It says in induction.

Description of the intervention

Description of the intervention

Description of the intervention

Description of the intervention

Approach is a tending to the chalment consecuration and increase.

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METHODS

Criteria for considering studies for this review

All published and unpublished randomized controlled tria (RCT)s of acceptable quality comparing hypnosis with no inter-variano ara you'der interventions, where the primary outcome to assess whether there is labour induction. We will include RC in which the unit of randomization is third-vlauls and clusters. We will exclude quasi-RCTs or cross-over trials.

Types of participants

Types of outcome measures

Vaginal delivery within 96 hours or within the duration defined by the trialist
 Cresarean section

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- 1. Serious neonstal morbidity or perinatal death (e.g., seitures, birth asphysia defined by the trial authors, neonatal encephalopathy, disability in childhood)
 2. Neonatal admission to special care and/or intensive care

Search methods for identification of studies

Bioctronic searches
We will contact the Trials Search Co-ordinator to search the
Cochrane Pregnancy and Childbirth Group's Trials Register.
This register is maintained by the Trials Search Co-ordinator and
contains trials identified from:

- contains trials identified from:

 1. monthly searches of the Occhtane Central Register of
 Controlled Trials (CENTRAL);

 2. weekly searches of MEDLINE;

 3. weekly searches of Embase;

 4. handsearches of 30 journals and the proceedings of major

rpes of interventions

4. handscarked so 30 journals and the proceedings of major conferences is a a method of labor induction with those receiving no incremise or any other interventions for labour induction.

5. weekly current awareness alters for a further 44 journals plan monthly Blobded Cannal entail alters.

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Searching other resources

a) Handsearching; we will handsearch relevant journals and other sources including cross-reference.
b) Personal communication: we will contact key personnel and organisations in the relevant field for published and unpublished

Data collection and analysis

Selection of studies Two review authors (D Nishi, MN Shirakawa) will independently assess for inclusion all potential studies identified as a result of the search strategy. We will resolve any disagreement through discus-sion or, if required, we will consult a third author (E Ota).

Data extraction and management
We will design a form to critate data. For eligible studies, two
review authors will enteract the data using the agreed form. We will
restored descapacion through distunstion of it required, we will
comulat a third author. We will mere data into Review Manager
officiera (Tecs-Man 2012) and check it for accuracy.
When information regarding any of the above is undeat e.g., abstrates only, we will amorpe to contact authors of the original reports to provide further details.

Assessment of risk of bias in included studies
Two review authors (DN, MNS) will independently assess risk
of bias for each study using the criteria outlined in the Codome
Handloods for Sprannic Reviews of Interventions (Tiegopo. 2011).
We will recolve any disagreement through discussion or by involving a failed asserter (EO).

selection bia)

We will describe for each included study the method used to generate the allocation sequence in mificient desail to allow an ancument of whether it should produce comparable groups.

We will asses the method as:

We will asses the method as:

I how take Othe day may by endous process, e.g. random number pales computer random number generator):

I high risk of Sha (any non-medom process, e.g. odd or even date of brist hospital or clinic record number):

** underst risk of the size of the size of number):

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(2) Allocation concealment (checking for possible selection bias)

We will describe for each included study the method used to concall allocation to interventions prior to assignment and will assess

We will describe for each included study the method used to concall allocation to interventions prior to assignment and will assess

whether intervention allocation could have been foreseen in advalues of or during recruments or changed dier assignment.

We will states the methods as:

I we make a finite lake, estephone or central annomisation;

Consecurity's manifested seed organge erecheped,

I light and of the lake, estephone or central annomisation;

Of Shective reporting (checking for resporting bias)

We will describe for each included study how we investigated the
possibility of electric outcome reporting bias and what we found.

We will assess the methods as:

We will assess the methods as:

(3.1) Blinding of participants and personnel (checking for possible performance bla) We will desche for each included study the methods used, if any, to bind study participant and personal from knowledge of whitch intercentions a participant reside. We will consider that studies are also with of blass if they were blanded, or it we judge that the black of litting, would be unlikely or affect results. We will assess blanding separately for different outcomes, or classes of outcomes.

(3.1) Blinding of outcome assessment (checking for possible detection bias)

We will decrotic for each included muly the methods used. If any, to blind outcome assessor from knowledge of which intervention a participant received. We will assess blanding separately be different outcomes or clause of sourcomes.

We will assess tendeds used to blind outcome assessment at:

• low, bigh or unclear risk of bias.

(4) Incomplete outcome data (checking for possible attrition bits due to the amount, nature and handling of incomplete outcome data)

We will describe for each included raudy, and for each outcome or class of outcome, the completeness of that including arthinin and exclusions were reported and the numbers included in the undyst at each stage (compared with the roul arthorised participation), reasons for artifions or exclusion where reported, and the numbers included in the undysta at each stage (compared with the roul arthorised participation), reasons for artifions or exclusion in reported, or the templeted by the trial authors, we will re-include missing data in the analyses which we underside.

• low risk of bits (e.g. no missing outcome data: missing curronned authorised across groupy).

• bight risk of bits (e.g. missing outcome data missing data inthibutened across groupy).

• bight risk of bits (e.g. missing outcome data missing data inthibutened across groupy).

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We will disclose this feature is it does that all of the only's preperside devocation and all is received outcomes of inneces to the
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relief devocation and the control of the

- ould put it at risk of muse

 low risk of other bias:
 high risk of other bias;
 usclear whether there is risk of other bias.

(f) Overall risk of bias
(we will make explicit judgements about whether studies are at high risk of bias, secondarg to the criteria given in the Cochause-Handlessel (Fleigard 2011). Whit reference to (1) to (6) access we will assess the likely inagazinate and direction of the bias and whether we contider it is likely to impact on the findings. We will explore the impact of the level of bias through undertaking sensitivity analyses. The Containty sensitivity analyses. The Containty sensitivity and the contraction of the contracti no expure ne unpare of the level of liku through undertaking centaining analysis.

Measures of creatment effect

Measures of treatment effect

Dichotomous stata

Dichotomous stata

Dichotomous stata

Sir dichosamous data, we will present results as a summuny that analyse confidence interreals.

For continuous data, we will use the mean difference if outcomes are measured in the same way between trials. We will use the standardised mean difference to combine trials that measure the same outcome, but use different methods.

Assessment of heterogeneity

We will assess statistical heterogeneity in each mean-analysis using
the Tr. P. and ChiP statistics. We will regard heterogeneity as
substantial if an IP is genere than 30% and either a TP is greater
have reen, or there is a low PP value (less than 0.10) in the ChiP text
for heterogeneity.

Unit of analysis issues

Cluster-randomised trials

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We will include multi-armed trials in the analyses. We will com-bine all relevant methods of hypnosis into a single group and in-corporate all relevant control groups into a single group. Any other different intervention will be addressed in different measurablesse. If one of the arms is irrelevant, we will exclude it from the analysis.

For included studies, we will note levels of actition. We will explore the impact of including studies with high levels of missing data in the overall assessment of treatment effect by using sensitivity mathems.

Assessment of reporting biases

If there are 10 or more studies in the meta-analysis, we will investigate reporting biases (such as publication bias) using funnel plots. We will assess funnel plot asymmetry visually. If asymmetry

analyses to investigate it.

Data youthesis

We-vill carry out nutricial analysis using the Review Manager discovered to the State of the Weslaw terms posterom delivery (42 weeks or meet). Only the grinutry outcome will be included in the subgroup analysis. We will assemble to the weeks of the weeks or meet). Only the grinutry outcome will be included in the subgroup analysis. We will assemble the subgroup discovered to the subgroup analysis of the subgroup discovered to the subgroup analysis of the subgroup discovered to the subgroup discovered to the subgroup discovered to the subgroup discovered to the subgroup analysis of the subgroup discovered to the subgroup discovered to the subgroup analysis of the subgroup

bgroup analysis and investigation of heterogeneity ACKNOWLEDGEMENTS

Subgroup analysis and investigation of heterogeneity if we identify advanting hadrantial heterogeneity, we will investigate in using solgroup analyses and sensitivity analyses. We will consider whether an overall nummary is meaningful, and if it is, in example, the construction of the following solgroup analyses:

Ne glass no earny out the following solgroup analyses:

1, persons enterant nection versus not provious cataziana for the province of the regions.

2, a millipartly versus multiparity:

3, membrane inside versus out forwards or undefined:

4, creek forwards evens un devourable or undefined:

5, history of previous induction of labour versus an history of inductions;

The Values and opinions expressed therein are those of the cauthout and do not necessarily selfect when of the NIHR, NIHS or the Department of Health.

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Prophylactic interventions after delivery of placenta for reducing bleeding during the postnatal period (Review)

Yaju Y. Kataoka Y. Eto H. Horjuchi S. Mori R.



This is a reprint of a Cochrane review, prepared and maintained by The Cochrane Collaboration and published in The Cochrane Library 2013, Issue 11

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Prophylactic interventions after delivery of piacenta for reducing bleeding during the postnatal period (Review)
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TABLE OF CONTENTS

MEADER	
ABSTRACT	
PLAIN LANGUAGE SUMMARY	
BACKGROUND	
OBJECTIVES	
METHODS	
RESULTS	
Figure 1.	1
Figure 2.	1
DISCUSSION	13
AUTHORS' CONCLUSIONS	1
ACKNOWLEDGEMENTS	13
REFERENCES	- 1
CHARACTERISTICS OF STUDIES	15
DATA AND ANALYSES	3.
Analysis 1.1. Comparison 1 Oral methylergometrine versus placebo, Outcome 1 PPH (blood loss of 500 mL or more ove	
the period of observation).	3
Analysis 1.2. Comparison 1 Oral methylergometrine versus placebo, Outcome 2 Amount of lochia during the first 72-box	r
of the puerperium (g) (outcome not prespecified).	3.
Analysis 1,3. Comparison 1 Oral methylergometrine versus placelso, Outcome 3 Amount of lochia by 4 weeks postpartun	1
(g) (outcome nor prespecified).	3-
Analysis 1.4. Comparison 1 Oral methylergometrine versus placebo, Outcome 4 Duration of lochia of more than 4 weeks	
(ourcome not prespecified).	35
Analysis 1.5. Comparison 1 Oral methylergometrine versus placebo, Quicome 5 Endometritis (outcome not prespecified).	31
Analysis 1.6. Comparison 1 Oral methylergomeerine versus placebo, Outcome 6 Pain requiring analysesia (requests for	
paracetamol) (outcome not prespecified).	3
Analysis 2.1. Comparison 2 Oral methylergometrine versus oral Kyuki-chouletsu-in, Outcome 1 Blood haemoglobin	
concentration at day 1 postpartura (g/dl.).	3
APPENDICES	3
CONTRIBUTIONS OF AUTHORS	37
DECLARATIONS OF INTEREST	37
SOURCES OF SUPPORT	-31
DIFFERENCES BETWEEN PROTOCOL AND REVIEW	31

Prophylactic interventions after delivery of placenta for reducing bleeding during the postnatal period (Review)
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Prophylactic interventions after delivery of placenta for reducing bleeding during the postnatal period

¹Research Center for Development of Nursing Practice, St. Luke's College of Nursing, Tiskiji, Chuo-las, Japan. ²Maternal Infant Nursing and Midshifton, St. Luke's College of Nursing, Akashi'-kio, Chuo-kas, Japan. ²Condustre Schood of Biomedical Sciences, Division of Reproductive Hosh-Incentational Hashin Nursing, Nagasaki University, Nagasaki, Japan. ⁴Department of Health Polsey, Narisonal Center for Child Health and Development. Tokyn, Japan

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Editorial group: Cochrane Pregnancy and Childbirth Group. Publication status and date: New, published in Issue 11, 2013. Review content assessed as up-to-date: 9 May 2013.

Citation: Vija V, Kataoka V. Eto H, Horinchi S, Mori R. Prophylactic interventions after delivery of placents for reduc-ing Beeding charing the postural period. Cechanae Databar of Systematic Reviews 2013, Issue 11, Ars. No.: CD009328. DOI: 10.1002/1461188.C.C0009328_pub.

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There are several Cochrane opermatic reviews looking at postpartum harmorthage (PFH) pophytoxia in the third stage of Islour and another Cochrane review investigating the timing of pophythciai curesome in the third stage of Islour (a. before or affer dicheey of the placetal). There are, however, no Cochrane review being in the configuration of the placetal in the respective of the placetal. There are, however, no Cochrane review being as the use of interventions given purely after deficiency of the placetal.

Exponential or metally after the placetal in these contributions of PFH in the pentagratum period (the period after delivery of the infinited placet delivery of the placetan is more countries. There are, distributions, to Cachine reviews that have so far considered herbal therapies or homospashic remedies for the prevention of PPH after delivery of the placetan.

Objectives

To assess the effectiveness of available pophylactic inserventions for PPH including prophylactic use of organisms, organisms, insulphoparatic, both disciplinations and a superior of the placents, compared with no users-onic agents as well awith different roots of administration for presention of PPH offset delivery of the placents.

We searched the Cochrane Dregunney and Childlich Group's Thiab Register (30 April 2013). The Feed and Drug Administration (FDA) USA), Medicines and Healthcare Products Regulatory Agency (MHR QU)C), European Medicines Agency (EMA) (UE), Plast-macroticals and Modella Oberica Agency (EMA) (DMA) (Lipud: This steps caused Good Administration (TGA) (Mutartian), Cloud Erist styre, Content Carefully Triab, WPHO International Clinical Table Regulary Plasform (UT781), University Benjard Medical Information Newsork (Child all Table Regulary California (Carefully California)), Plant Medical Association Clinical Triab (Pagistration (MACXIT CTR) (page)) (plant Medical Association Clinical Triab Registration (MACXIT CTR) (page)) (plant Medical Association Clinical Triab Registration (MACXIT CTR) (page)) (plant Medical Association Clinical Triab Registration (MACXIT CTR) (page)) (plant Medical Association Clinical Triab Registration (MACXIT CTR) (page)) (plant Medical Association Clinical Triab Registration (MACXIT CTR) (page)) (plant Medical Association Clinical Triab Registration (MACXIT CTR) (page)) (plant Medical Association Clinical Triab Registration (MACXIT CTR) (page)) (plant Medical Association Clinical Triab Registration (MACXIT CTR) (page)) (plant Medical Association Clinical Triab Registration (MACXIT CTR) (page)) (plant Medical Association Clinical Triab Registration (MACXIT CTR) (page)) (plant Medical Association Clinical Triab Registration (MACXIT CTR) (page)) (plant Medical Association Clinical Triab Registration (MACXIT CTR) (page)) (plant Medical Association Clinical Triab Registration Clinical Triab Registration (MACXIT CTR) (page)) (plant Medical Association Clinical Triab Registration Clinical Triab Regi

Prophylactic interventions after delivery of placenta for reducing bleeding during the postnatal period (Review)
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All anthonisco of uquai-randomised controlled trials comparing prophylacise engotamine, exponentine, methylergonnerine, hechal therapies, and homeopubic remolies fusing any rouse and riming of administration) during the posparum period after didreye of the plactons with no utersoonic against a vital encuparing different rouses or similar god administration of exposurine, responentine, methylergonnerine, herbal riserapies, and homeopublic emrolles, during the postparum period after delivery of the plactum.

Data collection and analysis

Two review authors independently assessed trial eligibility and the methodological quality of trials, extracted data using the agr form. Data were checked for accuracy.

For audomined atudes involving 1466 women met the inclusion criteria. All studies were classified as having an unclear eak of bias.
Two studies funedwing 1907 women) compared oral methylergometrine with a placebo, and one flowolving 171 women) compared
and methylergometries with Ryskie-doubsettes... a Japaneter retainment larteful nections. The remaining new surveils funedwing 1508
women) did not report the outcome of interest for this review. None of the included nuclear sported printary notemen perspectfied
in the review promote (Bodo line of 1909 to 1.0 or more over the precise) of observation, interest ductor to exerce motivality, Overall, or
there was no clear evidence of differences between groups in the following 1791 automate blands (not 500 ns. or more tred in criteria to the control of the precise more trade in the control of the precise of o

The Japaness usually with a relatively small sample size comparing or al methylergometrine with a Japanese realitional herbal medicine found than onal methylergometrine significantly increased the blood haemoglobin concentration at day one postpartum (Ad D 6.50 g/ old. 195% Cd 0.11 to 0.89) compared to herbal medicine, wherea events were not well-represent in the included studies. We did not find any studies containing homospathic termines with other a placebor on on recurrent.

There was insufficient evidence to appoin the use of prophylactic oral methylergometrine given after delivery of the placents for the prevention of PPH. Additionally, the effectiveness of prophylactic use of berbal medicine or homeopathic remedies for PPH is will underlear as we could not find any clear evidence. Trials to anses the effectiveness of berbal medicines and homeopathic remedies in preventing PPH at warranted.

PLAIN LANGUAGE SUMMARY

Prophylacite interventions after delivery of placena for reducing bleeding during the pestastal period

Hamontuga following chalibrith (postparmum harmortuga) is a major cause of maternal death and health problems in resource-poor serings in both low- and high-insource countries. Prospurator harmortugage is defined at blood loss from the grinds (acts of none than 500 na.), generally covering within the fairs. A bound after definively fuertime anopy), a restained placena, inverted or reported metals of the control of

and adverse events were not well-reported. We did not find any completed trials looking at the effectiveness of homeopathic temedies in reducing haemorthage after childbirth. The effectiveness of such remedies warrants further investigation.

Description of the condition

Perparam hammerhaps (TPFI), or excessive Meeting a or affective to the program hammer of the property of the post of the program hammer of the program of the children's a consequence of the third sugge of bloom that included the administration of especial or as a consequence of the mineral program of the program of the

come (ACCC) 2006 Commission 2010, 100 be the underfine context (ACCC) 2006 Commission 2010, 100 becover, administration of egomentine and underlydergomentine may increase the rist of lazardous side effects in mothers and sub-premension and other complications of vancomentations. Moreover, insociated case with evere complications beliading appeace, casus, and complex context of the complex of t

of for the prevention of pospered Inemandage (PWIO) 2009).
Ord expansition or methyleropenetrine were considered to be possible alternative oxyrocics that were cast of the possible alternative oxyrocics that were cast to express the secondary PWI of the possible and the control of prophystics uncontrols in the data stage of labour (Brocken 2001). Journal of the control of prophystics uncontrols in the data stage of labour (Brocken 2001), and the control of prophystics uncontrols in the data stage of labour (Brocken 2001). Another Cocktrane review, as mainted the faining of prophystics uncontrols in the data stage of labour (Brocken 2001), and the control of prophystics interventions in the data stage of labour (Brocken 2001). Another Cocktrane review, as prompting of the possible and the prophystic data stage of the possible and the prophystic data stage of the placerus. In addition, developed before discrept of the placerus (Brocken 2001) and the control of prophystics intervention of PPH and the uncontrol of prophystics intervention of PPH and the uncontrol of prophystic intervention of PPH and the prophysti

Criteria for considering studies for this review

Why it is important to do this review

PFH considered all annabonized or quasi-candomized fusch as alternate allocation or allocation to a licension by health insurance number, hospital record, each coancided and annabite. Benefits against the method for preventing pFFH that are effective and set are of vital importance. Administration of regularities for employed methods and the prevention of regularities or employed presents in the peapurson profied night to ease such method insurabed. General Godzhan reviews before a criter the delivery of the placental method. Several Godzhan reviews and the profit of the profit of the prevention of regularities of regularities. The results of the regularities of regularities of regularities of regularities. The results of the regularities of regularities of regularities of regularities. The results of the target of the target and homesqualities information and regularities. The results of the target of the targ

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Ergometrine, methyletegometrine, or other agents administered by any route or timing of administration for the prevention of post-partum haemorrhage after delivery of the placenta.

- Ergometrine/methylergometrine versus placebo/no
- treatment.

 2. Ergometine/methylergometine administration viz different routes: oral versus intravenous, oral versus intravenous versus intramuscular or substitutionus, intravenous versus intramuscular
- or subcostaneous.

 3. Herbal medicine versus ergomerine/methylergometrine (une) youte or doesge), or versus placeloslos trestment.

 4. Homopathic remedy versus one of the following ergometrine/methylergometric (any trous or or dosage), herbal medicine, placebolno treatment.

 5. Other agents versus ergometrine/methylergometrine (any tonue or dosage), or versus placebolno teterment.

- Primary outcomes

 Blood loss of 1600 mL or more over the period of observation (a determined by the trial investigator)

 Maternal death or severe morbidity (e.g., major surgery, organ failure, hypertypresia, intensive care unit admission, hysterectomy, compression sutures, artery ligations, or as defuned

- Maternal derthi individual components of severe morbidity (as listed above or as defined by the trial authors)

 Blood loss of 500 mL or more over the period of observation (as determined by the trial investigator)

 Blood transfusion

- information for the trageted evaluation were incorporated into the Studies awaiting classification' caregory until they are published as full reperts.

 Types of participants

 Women who have had a spontaneous vaginal delivery.

 Types of interventions

 Epathemics, methylespanestime, or ether agents administrately are youter or fitting all administrates for the prevention of position of the prevention of positions or the prevention of positions of positions of the prevention of positions of positions or other agents administrately are preventions.

 - Amount of lochia by four weeks postpartum (outcome not prespecified)
 Duration of lochia of more than four weeks (outcome not prespecified)

Electronic tearches
We searched for Cochrane Prepuncy and Childbirth Group's Tisde Register by contacting the Tital Search Co-ordinator (30 April
2013).
The Cochrane Prepuncy and Childbirth Group's Titals Register
instituted by the Tital Search Co-ordinator and consults trials
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2. worldy searchest of Embost;
I. handscarbes of 30 journals and the proceedings of major
conferences:

4. Anadecardes of 30 journals and the proceedings of major conferences:

5. Weekly current avoraces services as the period of observation (as determined by the trutal investigation). The propersion failure, hyperspreak, intensive care unit admission, program failure, hyperspreak, intensive care unit admission, program failure, hyperspreak, intensive care unit admission, program failure, hyperspreak, intensive care unit admission, and the first of journals and conference program failure, hyperspreak, intensive care unit admission, program failure, hyperspreak, intensive care unit admission or as defined by the careful as archive story for the surface. And the first of journals and conference proceedings, and the first of journals and conference programment of the surface strengths of the sarching archive strengths of the sarching archive strengths of paymond are restricted by the sarching archive strengths of the following databases through 30 payin 2013.

1. Use of derequentic uncronous:

2. Macdinical transment for proparatum haemorrhage fuserine that the proposed of the following databases through 30 payin 2013.

2. The Nedictions and Fashbase products Regulatory Agency MRHA) in the EU.

Prophylactic interventions after delivery of placenta for reducing bleeding during the postnatal period (Review)
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The Pharmaceuticals and Medical Devices Agency (PMDA) in Japan
The Therapeutic Goods Administration (TGA) in Austr

- For ongoing trials, we searched the following trial registers through 30 April 2013:

 Climan Frist-gov
 Current Controlled Trids
- Clinical Trisis.gov
 Coursem Counselled Trisis
 The WHO International Clinical Trials Registry Platform (
- HCTR()

 University Hospital Medical Information Network Clinical
 Titals Registry (UMIN-CTR: 19940)

 1 Japan Plarmaceusical Information Center Clinical Titals
 Information (Ight-CTF: 19940)

 1 Japan Medical Association Clinical Tital Registration (
 1848/CCT CTR: 19940)

We also consocies and some services was provided.
We did not apply any language restrictions.

Data collection and analysis

Selection of studies

The inclusion of studies identified through the search strategy was independently assessed by two review authors, Vulati Yaju (YY) and Yacko Xasolas (YR). We resolved any disagreement through discussion among the review authors.

The inclusion of studies identified through the search strategy we independently assessed by two orriew authons, Vidad 1960 (17) (17) we resolved and dependent on the state of the Art of the State of

but received no reply. The review authors were not blinded to the names of authors, journals, or institutions

Assessment of risk of bias in included studies

***sextment of risk of bias in included studies

Two review authors (Ty, XP) independing seases of side of bias
in each included study using The Cochrane Collaboration's tool
for assessing tick of bias, coulined in the Cochrane Heading of
Systematic Review of Interventions (Eligibis 2011) and constained
in RevMan (KexNon 2011), Any disagreement was resolved by
discussion.

For each included study, we described the method used in the se-

- For each included multy, we described the method used in the sequence generation process in millicime detail on allow an assessment of whether is should preduce comparable groups.

 yes flow risk of blad (say tolder, blad on process, e.g., where the of blad (say tolder, blad on process, e.g., which was to the same process, e.g., and the same process, e.g., and the same process, e.g., and the same process of the same process, e.g., and are even there of blant, some neithe based on the orthy of admission, some nathe based on the orthy of admission, some nathe based on the process of the same process, and the same process of the same proces

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Vitamin K supplementation during pregnancy for improving outcomes (Protocol)

Shahrook S, Hanada N, Sawada K, Ota E, Mori R



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HEADER	
ABSTRACT	
BACKGROUND	
OBJECTIVES	
METHODS	
ACKNOWLEDGEMENTS	
REFERENCES	
CONTRIBUTIONS OF AUTHORS	
DECLARATIONS OF INTEREST	
SOURCES OF SUPPORT	

Vitamin K supplementation during pregnancy for improving outcomes (Protocol)
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Vitamin K supplementation during pregnancy for improving

Sadeoua Shahrook¹, Nobursuga Hanada¹, Kimi Sawada², Erika Ota³, Rintaro Mori¹

¹Department of Health Policy, National Cemer for Child Health and Development, Tokyo, Japan, ²Esculty of Health Care, Kiryu University, Midiri-shi, Japan, ³Division of Epidemiology, National Center for Child Health and Development, Tokyo, Japan

Contact address: Rintaro Mori, Department of Health Policy. National Center for Child Health and Development, 2-10-1 Okura, Setagoya-ku, Tokyo, Tokyo, 157 8535. Japan. rintaromoti@gnatl.com.

Editorial group: Cochrane Pregnancy and Childbirth Group. Publication status and date: New, published in Issue 1, 2014.

Citation: Slabrook S, Hanada N, Sawada K, Ota E, Mori R. Vitanin K supplementation during pregnancy for improving outcomes.

Cochrane Database of Systematic Perious 2014, Issue 1, Art. No.: CD010220, DOJ: 10.1002/14651858.CD010220.

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This is the protocol for a review and there is no abstract. The objectives are as follows

To assess the effects of viramin K supplementation administered to pregnant women for improving maternal and reconatal outco

Ingention of certain therapeutic drugs such as endosmacepine and begans anticonvolutants may also imposle viranina K neutholismic pregnant wenters and give rise to viranin K deficiency (Do. Meton 1995; 583.2-(500.) Women's capature to viranin K deficiency Chockston 1995; 583.2-(500.) Women's capature to viranin K andocupal lasts during pregnancy may affect the feron in steen. Section of professionals—as important element of the blood dependent on viranin K for congulation, which were not of the blood dependent on viranin K for congulation with the work of the blood-clottine process and may retain in cercative matternal or research blood dependent on the profession of the profession of the blood dependent on the profession of the prof

Vitamin K supplementation during pregnancy for improving outcomes (Protocol)
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sum women who were administered with commarins, a vitamin K anticozgalant or blood-chimning medicine. 22th experienced ministering (Na Diel 2002). However, there is insufficient vicines in which is a second of the intervention of the intervention of the intervention of the intervention was a constructed medical medically treatment may also experience adverse preparation constructed with vision and unational deficience in a second with vision and uniform post of the properties of the properties

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effects (WHO/Es/G 2000). Symthetic mentalione and in derivatives are not recommended, particularly for vitamin supplementation on a set of neonatal and naturation in mewbors (WHO/Es/G 2004). Moreove, the to linearctions in mewbors (WHO/Es/G 2004). Moreove, the to linearctions with certain drugs and the potential for side effects, vitamin K supplementate services for pregnant and leasting women, as vitamin K passes through the placents and its found in breast milks warfaint consumers and those with a term embeldic disease reality affects of the property of the property

How the intervention might work

How the intervention might work

Antenual administration of visatinis is supplementation for pregular to the control of the co

Why it is important to do this review

The effects of vitamin K deficiency, especially hemorrhapic complications, other dense cursons and the medio of vitamin k and policions, there mostly been reported in relation to necessaries.

We will steak the effects of vitamin K administered orduly, intradictions to reconstruction, have mostly been reported in relation to necessaries. We will steak the effects of vitamin K administered and associated mobilities in women of reproductive age, specifically during presentance and association of the effects, and incomplete and associated as

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To assess the effects of vicamin K supplementation administered to pregnant women for improving maternal and neonatal outcomes.

Criteria for considering studies for this review

All randomised (individual and cluster) or quasi-randomised con-trolled trials assessing the effect of vitamin K supplementation duting pregnancy. We will also consider trials presented only as abstracts. We will exclude cross-over trials.

Types of participants

Types of participants All preguns women in any stage of their pregnancy and their infants. We will include trials in which pregnant women are abster of the participants included in the study, if reported in a way that relevant data can be entracted. This review will enclude another in which whoman Kwangiwen oweners at risk of humanism produced the sixth with which is worked to be abstered in the covered in an existing review by Corochire 2014.

detection bias)

We will destribe for each included ausly the methods used, if any, to hind outcome assessor from knowledge of which intervention a participant received. We will assess blanding separately for different outcomes or classes of outcomes.

We will assess methods used to bland outcome assessment as:

I low, high or under trike of bias.

(4) Incomplete outcome data (checking for possible attrition bias due to the amount, nature and handling of incomplete outcome data)

Types of outcome measures

- Primary outcomes

 1. Perinaud death.
 2. Neonana bleeding.
 3. Maternal bleeding incidence, e.g. during pregrancy.

 ***reapartrum haemorrhage and postpartrum haemorrhage.

Special cate/intensive care admission: length of hospitalisations; length of other treatment care after hospital discharge; and length of mechanical ventilation.

Search methods for identification of studies

Electronic searches

We will connect the Trials Search Co-confinator to search the Cochrane Pregnancy and Childhirth Group's Trials Reginer.
The Cochrane Pregnancy and Childhirth Group's Trials Reginer institutated by the Trials Search Co-confinence and constitution that the Commission of the Confination of the Confinence of the Cochrane Central Reginer of Connolled Trials (CENTRAL).

2. workly searches of the Cochrane Central Reginer of Connolled Trials (CENTRAL).

3. workly searches of Embase:
4. handsearches of Supportant Search Sea

Scarching other resources
We will also search reference has of retrieved trials, included trials and refevant review papers.
We will not apply any language restrictions.
We will contact researchers in the area, if needed.

We will include datase-transformied ritht in the studyze along with individually-transformied trials. To take account of design of with individually-transformied trials. To take account of design of the control of the confidence (COC adversed from the cital (Formish), from a similar ratal or from a study of a similar population. If we use ICCs from outleast COC adversed to the ICCs I was the ICCs from outleast control, with an observation of the ICCs I we identify both clauser-andomister data and individually-areas and individually-

Trials with more than two treatment groups firtial with more than two intervention people (multi-arms real-ies) are identified, only directly relevant arms will be included. If mudest with various relevant arms are identified, groups will be combined to generate a single pair-wise comparison (Priggos 2011), and the diaggegated data in the corresponding subgroup category will be included. If the control group is shared by two or more trudy sum, be counted group over the number of relevant adapting categories will be divided to avoid doubte containing the participants for delictomens data, we will assume the data could population, and for continuous data, we will assume the data-inst. The exhabit will be described in the "Chameteristics of included mudies" table, will be described in the "Chameteristics of included mudies" table.

Trials with more than two treatment groups

Data collection and analysis

- Newborn

 1. Sellbirth.
 2. Neusari death.
 2. Neusari death.
 4. Shoeragaires of meanad hereding a) very early onest (mought no 2d loans after birdh), b) classic hermolytic disease of the newborn (2d hours since birdh), b) classic hermolytic disease of the newborn (2d hours so seen days of life), and c) lare hammolytic disease acquired prosent of declineary (ANCD) of the newborn (two to 12 weeks of life).

 5. Neurer havin lites than 37 weeks of gentation).
 6. Lose hirdweight.
 6. Congenital malformation.
 6. Congenital malformation.
 6. Congenital malformation.
 6. Congenital malformation.
 10. Medabourption of vitamin k, e.g. par recevion.
 11. Billury articul (congenital alternes e-fourmer of the major bild obtact, the ducts that drain his ferfoun the liver).
 12. Other moudo dendisions. e.g. bow Apper arose as free minoses, vitamin & Gefesierus.

- Mothers

 1. Vitamin K deficiency in pregnant women.
 2. Anaemia, e.g. megloblastic anaemia.
 3. Hypoprothombinemia.
 4. Thrombocytojenia.
 5. Other morbid conditions, e.g. spontaneou We will summaria any adverse outcomes repor

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• low risk of bias (where it is clear that all of the study's pre-specified outcomers and all expected outcomes of interest to the revoce have been respected.)
• high risk of bias (where not all of the mudy's pre-specified outcomes have been respected, one or more reported primary outcomes have been reported, one or more reported primary outcomes have been reported, on utomes of inserers are reported incompletely and to cannot be used the mudy fails to include routle of a key neurosme that would have been expected to have been recognition.

(4) Other bias (checking for bias due to problems not covered by (1) to (5) above)

We will describe for each included study any important concerns
we have also under problem courses of bias. We will assess whether each study was fire of other problems that could put it at risk of bias.

• low risk of other bias:

• low risk of other bias:

- ias:

 Iow risk of other bias:

 high risk of other bias:

 unclear whether there is risk of other bias.

(y)-weral risk of Dail. We will make explicit judgements about whether studies are at high risk of Daia, recording to the criteria given in the Coelonus Handlook (Higgs) 2011). With reference to (1) to (6) above, we will assets the likely-magnized and diraction of the bias and whether we consider it is likely to import on the findings. We will explore the impact of the level of bias by undertaking sensitivity analyses are Section(2) analyses.

Measures of treatment effect

For dichotomous data, we will present results as summary risk ratio with 95% confidence intervals.

Continuous data

For continuous data, we will use the mean difference if ourcomes are measured in the same way between trials. We will use the standardised mean difference to combine trials that measure the same ourcome, but use different methods.

Unit of analysis issues

Cluster-randomised trials

Dealing with missing data.

Festicaled mades, we will non-levels of stations. We will explore the finance of inclining matters with high levels of missing data in the occult assument of returnest effect by using sensitivity analysis.

For all outcomes, we will carry our analyses, as far a possible, on an intensition-streat basis is, e. we will ascrepe to include a practical participates and establed in the group or which they were principates will be analysed in or group or which they were principated will be analysed in or group or which they were intervention. The denominant for each sustomic in each trial will be the number andomined misus, any participates while section of the continuous for each sustomic in each trial will be the matter andomined misus, any participations whose outcomes are known to be missing. Assessment of heterogeneity

We will assess statistical heterogeneity in each meta-analysis using the T^2 , I^2 and Chi^2 statistics. We will regard heterogeneity as

Vitamin K supplementation during pregnancy for improving outcomes (Protocol)
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Two review authors (S Shahnook (SS), N Handad (NH), K Sawada (SS), E On (EO) and R Mori (RM) will independently assess for inclusion all the promutil studies we desting a result of live several startegy. We will resolve any disagreement through discussion no. if required we will consult a studie we leave the control of the second of the control of t

Assessment of risk of bias in included studies
Two review authors (SS, NH, KS, EO and RM) will independently
astern risk of bias for each study using the circuit outlined in
the Cachenn Hundless for Systematic Returns of Intervention
(1 Higgors 2011). We will resolve any diagreement by discussion or
by involving a final datestor.

selection bits)

We will describe for each included a rudy the method used to generate the allocation sequence in mifferent dealls on allow an assument of included the control of the con

biss due to the arount, nature and handling of incomplete outcome detail.

We will describe for each included study, and for each outcome detail.

We will describe for each included study, and for each outcome of data including attribution and exclusions from the analysis. We will state whether attribution and exclusions were reported and the numbers included in the analysis at each stage formpared with fits total randomised participation, reasons for sturition or exclusion where reported, and explanation for students or exclusion where reported, as outcomes. Where sufficient information is reported, as outcomes. Where sufficient information is reported, or can be supplied by the cital authors we will be recluded missing data in the analyses which we undertake.

We will assess methods as:

* low tok of bias (e.g. non-insing outcome datas missing has in included to the complete of t We will describe for each included muly the method used to concuel althosism to intervenious prior to surginume an activities whether intervenious prior to surginume and will users whether intervenious prior to surginume and will users whether intervenious prior to surginume and will users whether intervenious allocation could thus been floraten in advance of a ruling recomment, or changed after assignment and the surginum of the surginum o

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'Third wave' cognitive and behavioural therapies versus treatment as usual for depression (Review)

Churchill R, Moore THM, Furukawa TA, Caldwell DM, Davies P, Jones H, Shinohara K, Imai H. Lewis G. Hunot V



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"Third wave" cognitive and behavioural therapies versus treatment as usual for depression (Review)
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ABSTRACT	1
PLAIN LANGUAGE SUMMARY	2
SUMMARY OF FINDINGS FOR THE MAIN COMPARISON	3
BACKGROUND	6
OBJECTIVES	7
METHODS	8
RESULTS	16
Figure 1.	17
Figure 2.	21
DISCUSSION	24
AUTHORS CONCLUSIONS	26
ACKNOWLEDGEMENTS	27
REFERENCES	27
CHARACTERISTICS OF STUDIES	33
DATA AND ANALYSES	45
Analysis 1.1. Comparison 1 Third wave CBT versus TAU, Outcome 1 Clinical response at post-treatment	46
Analysis 1.2, Comparison 1 Third wave CBT versus TAU, Outcome 2 Treatment acceptability (diopout) as post-	
treatment.	47
Analysis 1.3. Comparison 1 Third wave CBT versus TAU, Ourcome 3 Clinical remission at post-treatment	48
Analysis 1.4. Comparison 1 Third wave CBT versus TAU, Outcome 4 Depression levels at post-treatment.	49
Analysis 1.5. Comparison 1 Third wave CBT versus TAU, Outcome 5 Anxiety levels at post-treatment.	50
Analysis 1.6. Comparison 1 Third wave CBT versus TAU, Ourcome 6 Social adjustment levels at post-treatment.	50
Analysis 2.1, Comparison 2 Third wave CBT vs types of control condition, Outcome 1 Clinical response at post-	
treatment.	51
Analysis 2.2. Comparison 2 Third wave CBT vs types of control condition, Outcome 2 Treatment acceptability (dropout)	
at post-treatment.	52
APPENDICES	52
CONTRIBUTIONS OF AUTHORS	56
DECLARATIONS OF INTEREST	57
SOURCES OF SUPPORT	57

"Third wave" cognitive and behavioural therapies versus treatment as usual for depression (Review)
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'Third wave' cognitive and behavioural therapies versus treatment as usual for depression

Ruchel Churchill¹, Theres HM Moore², Tohis A Funkawa³, Deborah M Caldwell², Philippa Davier², Hannah Jone⁴, Kiyemi Shinokara³, Hissei Imai², Glyn Lewis², Viviten Hunot⁴

Samusian, Fasser Inat, Goji ackas Vivier India. Godina Community Medicine, University of Brittol, Brittol, UK. ²School of Social and Community Medicine, University of Brittol, Brittol, UK. ²School of Social and Community Medicine, University of Brittol, Brittol, UK. ³Department of Health Promotion and Behavior Change and of Clinical Engledenidops, Kyno University of Gaster School of Medic Etalsh, Kynoo James Problem of Psychiatry, Institute of Mental Health. The University of Notingham, Nortigham, UK. ²Department of Health Promotion and Human Behavior, Kynoo University Grahatte School of Medicine / School of Public Health, Kynoo, Japan. ³Department of Field Medicine, Kynoo University Grahatte School of Medicine / School of Public Health, Kynoo, Japan. ³Mental Health Sciences Unit, UCL, London, UK

Contact address: Rachel Churchill, Centre for Academic Mental Health, School of Social and Community Medicine, University of Brittol, Oakfield House, Oakfield Grove, Bristol, BS8 2BN, UK. rachelachurchill@cadan.org. eachelachurchill@hartool.ac.tis.

Editorial groups Cochrane Depression, Anxiery and Neutosis Group. Publication status and date: New, published in Issue 10, 2013. Review content assessed as up-to-date: 1 February 2013.

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ABSTRACT

So-called third wave cognitive and behavioural therapies represent a new generation of psychological therapies that are increasingly being used in the treatment of psychological problems. However, the effectiveness and acceptability of fluid-wave cognitive and behavioural therapy (CRT) psychological servations are a new depression remain unclear.

To examine the effects of all third wave CBT approaches compared with treatment as usual/waiting first attention placehological placeho control conditions for acute depression.

Le Se earnise the effects of different third wave CBT appeaches (ACT, compassionate mind training, functional analytic psychotherapy, disclered leberium therapy, MSCT, cerusded behaviour alternation and mesognifier therapy compared with treatment as usual waving indirectional practice springing the compared with treatment as usual as a similar production of the compared with treatment as usual as a similar threatment of the compared with treatment and the compared with treatment and the compared with the compared with different types of comparasons (treatment as usual, no treatment as usual, no treatment as usual, no treatment and treatme

Search methods

We searched the Cochazue Depression Anxiety and Nourois Group Trials Specialised Register (CCDANCTR to 01/81/12), which includes relevant audomised controlled trials from The Cochanu Cibary (all year), EMBASE, (1974), MEDLINE (1956) and TypelNFO (1967). See tho assested CSHALL (May 2010) and relevance into the included studies and relevant review for additional published and supplished sends. As inglosted search of CCDANCTR restricted to search terms relevant to thick was CGT the steppies was contained in Marka 2018 (CCDANCTR no 10/2013).

Third wave' cognitive and behavioural therapies versus treatment as usual for depression (Review)
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Randomised controlled trials that compared third wave CBT therapies with control conditions for acute depression in adults.

Data collection and analysis

Two review authors independently identified studies, assessed trial quality and extracted data. Study authors were contacted for addition information when required. We rated the quality of evidence using GRADE methods.

Main results regularly approximately approxi

Authors' conclusions

Author: conclusions

Very low quality evidence suggests that third wore CBT approaches appear to be more effective than treatment at usual in the treatment of searce depention. The very small number of oralized quality and the divence type of interventions and control comparisons, together with metabological initiatization. Jimin the adological initiatization, limin the displaying data was proceedings used the first in the date return or over a longer term. The increasing popularity of finite work CBT approaches in definical practice underscore the importance of completing finite rundles effectiveness to policy-makers, finitions and users of services. On a share and longeren basis, no procede eithors or data.

PLAIN LANGUAGE SUMMARY

'Third wave' cognitive and behavioural therapies versus treatment as usual for depression

Third wave cognitive and behavioural therapies versus treatment as usual for depression Mgor depression is a very common condition in which people experience a persistently low mood and loss of interest in pleasurable activities, accompanied by a range of prognous including weight loss, insominis, faitput, loss of energy, impropriate guit; poor concentration and morbid thoughts of death. Psychological therapies are an important and oppolar alternative to undergonate the prognous of the prognous of the property of the prognous of the pro

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Third wave CBT versus TAU for depression	AU for depression				
Patient or population: depression Settings: primary, secondary and community care Intervention: third wave CBT	pression lary and community ca 38T	je.			
Outcomes	Ilkustrative compara	likustrative comparative risks* (95% CI)	Relative effect (95% CI)	No of participants (studies)	Quality of the evidence Comments (GRADE)
	Assumed risk	Corresponding risk	1		
	Control	Third wave CBT			
Clinical non-response at Study population	Study population		RR 0.51	170	0000
post-regulem	608 per 1860	408 per 1000 (216 to 760)	(cen m rea)	(cappage c)	Ann Lina
	Moderate				
	688 per 1000	351 per 1080 (186 to 654)			
Treatment acceptability Study population	Study population		BR 1.01	224	COC#
(drapous) at post-treat- mont	206 per 1000	208 per 1000 (16 to 1000)	(0.00 10 12.3)	(spions •)	Viery town
	Moderafe				
	42 per 1000	42 per 1000 (3 to 517)			
Clinical non-remission Study population	Study population		BR 0.77	140	COCH

5 6	953 per 1000	734 per 1000 (639 to 639)			
Mod	Moderate				
938	938 per 1000	722 per 1008 (628 to 825)			
Depression leveis at post-treatment	200	Mean depression levels at post-treatment in the intervention groups were 1.12 standard deviations lower (1.50 to 0.71 lower)	211 (4 studies)	9000 yery low ^{24,14}	SMD -1.12 (-1.53 to -0. 71)
Anxiety levels at post- treatment-behavioural activation vs TAU Beck Anxiety inventory (BA)		Abean anxiety lev- est a post-teamment-to- hariest-ta octo-alon vs ban in the intervention groups \$55 covers (10.01 to 0.99 loves)	30 (1 study)	est lor-u-	
Social adjustment levets at post-treatment. Inc. havioural activation vs TAU Work and Social Aliest- ment Scale (WSAS)		Mean social adjustment brevies at posst-rediment- beterioural astreation vs lau in the intervention groups was 11.56 (was (17.79) to 5.23 (seet)	(Corus I)	Processing from the company of the c	

Description of the condition

Major depression is charactericted by proiseness low mood and loss of interest in pleasurable existing, accompanied by a range of youtpross, including weight lows, incoming, larges, bear of energy of the properties of properties of the properties of th

GRADE Working Group grades at relations.

GRADE Working Group grades at relationship to there or confidence in the selection of effect and my change for estimate of effect and my change for estimate and effect and my change for estimate and effect and my change for estimate the estimate of effect and in silvey to change for estimate the estimate of effect and in silvey to change for estimate the estimate of effect and in silvey to change for estimate the estimate of effect and in silvey to change for estimate the estimate of effect and in silvey to change for estimate the estimate of effects and its silvey to change for estimate the estimate of effects and its silvey to change for estimate the estimate of estimate the estimate of estimate the estimate of estimate the estimate the estimate of estimate the estimate Third wave' cognitive and behavioural therapies versus treatment as usual for depression (Review) Copyright © 2013 The Cochrane Collaboration. Published by John Wiley & Sons, Ltd.

'Third wave' cognitive and behavioural therapies versus other psychological therapies for depression (Review)

Hunot V, Moore THM, Caldwell DM, Furukawa TA, Davies P, Jones H, Honyashiki M, Chen P, Lewis G, Churchill R



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TABLE OF CONTENTS

ABSTRACT			
PLAIN LANGUAGE SUMMARY			
SUMMARY OF FINDINGS FOR THE MAIN COMPARISON			. 3
BACKGROUND			
OBJECTIVES			
METHODS			. 8
RESULTS			. 10
Figure 1.			. 17
Figure 2			. 21
DISCUSSION			. 25
AUTHORS' CONCLUSIONS			. 25
ACKNOWLEDGEMENTS			. 26
REFERENCES		ì	. 26
CHARACTERISTICS OF STUDIES			. 33
DATA AND ANALYSES			. 4.
Analysis 1.1. Comparison 1 Third wave CBT vs other psychological therapies. Outcome 1 Clinical response	at a	po:	8-
treatment			
Analysis 1.2. Comparison 1 Third wave CBT vs other psychological therapies, Outcome 2 Clinical response at	follo	ow	-up. 45
Analysis 1.3. Comparison 1 Third wave CBT vs other psychological therapies, Outcome 3 Treatment accept			
(dropout) at post-treatment			
Analysis 1.4. Comparison 1 Third wave CBT vs other psychological therapies, Outcome 4 Treatment accept			
(dropout) at follow-up.			
Analysis 1.5. Comparison Third wave CBT vs other psychological therapies, Outcome 5 Remission at post-			
Analysis 1.6. Comparison 1 Third wave CBT vs order psychological therapies, Ourcome 6 Depression levels			
tocarment			
Analysis 1.7. Comparison 1 Third wave CBT vs other psychological therapies, Outcome 7 Depression levels at			
APPENDICES			
CONTRIBUTIONS OF AUTHORS			
DECLARATIONS OF INTEREST			
SOURCES OF SUPPORT			

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'Third wave' cognitive and behavioural therapies versus other psychological therapies for depression

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**Centre for Academic Mental Health, School of Social and Community Medicine, University of Britted, Britted UK. **School of Social and Community Medicine, University of Britted, Britted, UK. **Department of Health Transaction and Between Clause and of Clinical Englemental Community Co

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So-called third wave' cognitive and behavioural therapies represents a new generation of psychological therapies that are increasingly being used in the treatment of psychological problems. However, the effectiveness and acceptability of third wave cognitive and classification of the control of the contro

To examine the effects of all third wave CBT approaches compared with all other psychological therapy approaches for scare depression.

2. To examine the effects of different third wave CBT approaches (ACT, compassionate mind retaining, functional analytic psychoberapy, catended behavioural activation and meucogasitive therapy) compared with all other psychological therapy approaches for actue deposition.

3. To examine the effects of all third wave CBT approaches compared with different psychological therapy approaches (psychodynamic, behavioural, humanistic, integrative, cognitive-behavioural) for acute depression.

Search methods

We starched the Cochrane Depression. Anxiety and Neuronis Group Specialised Register (CCDANCTR to 01/01/12), which includes relevant randomized controlled trials from Tre Cochrane University of Ily parin, EMMASE (1974-b). MEDLINE (1959-) and PSYINDCS (1967). We do to accordance University of 1980 and TSYSINDCS (1980 and 5019) and OFFINDCS (1980 and 5019) and OFFINDCS (1980 and 5019) and OFFINDCS (1980 and 5019) and SYSINDCS (1980 and 5019) and 50

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Selection criteris

Randomised controlled trials that compared various third wave CBT with other psychological therapies for acute depression in adults. Data collection and analysis

Two review authors independently identified studies, assessed trial quality and extracted data. Study authors were contacted for additional information where required. We rated the quality of evidence using GRADE methods.

Main results

A road of three mudies involving 144 cligible participants were included in the review. Two of the studies (56 participants) compared an early version of acceptance and commitment therapy (ACT) with CBT, and one study (58 cligible participants) compared extended behavioural accinition with CER. No other mudies of third wors CBT SP were leferalised. The two ACT trustles were assected as being a high rick of performance bias and resembler allegiance. Provincement results, which were based on dropson areas showed on exclusive clinical represses L4 (1998). The control of the

Very low quality existence suggests that third wave CBT and CBT approaches are equally effective and acceptable in the treatment of actual experience. Evidence is limited in quantity, quality and breatho of available studies, precluding at from drawing any conclusions as to their share-se injustment experience in the internating popularly of final wave CBT approaches in distingle procedure understoom the importance of completing further scales to compare values third wave CBT approaches with other psychological disrays approaches to influent psychological of the case of the compare values to the compare values to the compare value to the compare value of the compared value

PLAIN LANGUAGE SUMMARY

"Third wave' cognitive and behavioural therapies versus other psychological therapies for depression

Third ware cognitive and behavioural threspies weats other psychological deraptics for depression Major depression is very common condition, in which people experience persistently low mood and loss of interest in pleasurable activities, accompanied by a range of symptoms including weight loss, intominis, fangor, loss of energy, inappropriate gails, poor concentration and morbel thoughts of clearly. Psychological therepies are an important and popular alternative to midespression in the people of the properties of the properties and popular alternative to midespression in the people of the people of the people of the people of people of the people of people

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infindinces based 'thick ward' cogaline and behavioural therapies compared with other psychological benapies for depostation "Perfect or apparation: behaviour with depostation and advantage and the perfect of the pe	Outcomes Illustrative comparative risks* (195% CI)	Assumed risk Corres	Other psychological Mindulness- therapies based third nities and to therapies	Clinical non-response at Study population	427 per 1000 487 pe (337 to	Moderate	422 per 1000 481 pe (333 t	Clinical non-response at Study population	follow-up: ACI vs other psychological theraples 351 per 1900 Follow-up: 2 months (28 to	Moderate	
heraptes compare	15% CI)	Corresponding risk	Mindfulnass- based Third wave cog- nitive and behavioural theraples		487 per 1008 (337 to 700)		481 per 1000 (333 to 692)		109 per 1000 (28 to 443)		446 4000
id with other psycholog	Relative effect (95% CI)			BR 1.14	(M) 016/0)			BR 8.31	(0.05 to 1.26)		tares
gical therapies for depressi	No of participants (studies)			144	(5 smones)			99	(2 studios)		
E	Quality of the evidence Comments (GRADE)							ဝင်ဝ			
	nents										

	or post-uleannenn Diopout rates 134 per 1090 156 (63	Moderate	133 per 1000 149 (63	Treatment acceptability Study population	Aut Ver- hological 135 per 1090	Uropout rates Follow-up: 2 months Moderate	100 per 1600 101 (10	Non-remission at post- Stady population	102 per 1000 614 (34	Moderate	578 per 1000 514	Megression levels at Mesons- post-realment post (HAM-D) 15.6 (14.6)
	150 per 1000 (63 to 358)		149 per 1060 (63 to 355)		145 per 1000 (14 to 1000)		187 per 1088 (10 to 1009)		514 per 1006 (347 to 751)		514 per 1000 (347 to 751)	Mean depression levels at post-treatment in the intervention groups was 1.65 fower to 0.88 follower to 0.88 holden
HR 1.12	(0.40 to 2.00)			RR 1.07	(C)			RR 0.89	9 9 0 0			
144	(sappare c)			. 26	(5 swates)			88				113 (3 studies)
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merval) is based on the GRADE (Working Group pander of evidence.

GRADE (Working Group pander of evidence to the extension of effect, and the extension of effect, and the extension of effect, and the extension of extension of effect and in yourse the estimate of effect and in yourse the estimate of effect and in yourse the estimate of effect and is largely to the extension of e The basis for the seamed that it is, the median cotical group field across subtent is provided in feetinces. The semespecified into last 65% assumed take the free contemporary of the free of the immension (hest field 55% cit). The contemporary field field free contemporary flag for the free of Confidence free field (field 55%). Mean depression levels at follow-up of ACT vs other psychological threapers in the intervention groups were 4.51 lower (7.47 to 1.55 lower) Depression levels at 101-tow-up: ACT vs. other psychological therapies (HAM-D) Follow-up: 2 months "Third wave" cognitive and behavioural therapies versus other psychological therapies for dep Copyright © 2013 The Cochrane Collaboration, Published by John Wiley & Sons, Ltd.

Description of the condition

Major depression is characterised by persistent low mood and lost of interest in planeathed activities, excompanied by a range of interest in planeathed activities, excompanied by a range of interest in planeathed activities, excompanied by a range of interest in planeathed activities, excompanied by a range of interest in planeathed activities, excompanied by a range of interest in planeathed activities, excompanied by a range of interest in planeathed activities, excompanied by a range of interest in planeathed activities, excompanied by a range of activities of the possibility of the production and mobile disordary of the production and people with screen depression and production and production of the point providers of more of the point providers of majors of the point providers of major depression and polyhoridary and providers of majors of the point providers of majors of the point providers of majors of the point providers of major depression and polyhoridary of the point providers of major depression and polyhoridary of the point providers of major depression and polyhoridary of the point providers of major depression and polyhoridary of the point providers of major depression and polyhoridary of the point providers in terms of workload (PUICE 2009). An ele largest source of more required to the point providers in terms of workload (PUICE 2009). Depression is also associated with a significantly interactive filter for the point providers in terms of workload (PUICE 2009). Depression is also associated with a significantly interactive filter for the point providers in terms of workload (PUICE 2009). Depression is also associated with a significantly interactive filter for major depression and dependent providers in terms of workload (PUICE 2009). Depression is also associated wit

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V章

平成 26 年度総括分担研究報告

平成 26 年度厚生労働科学研究費補助金

(成育疾患克服等次世代育成基盤研究事業(健やか次世代育成総合研究事業)) 「母子保健に関する国際的動向及び情報発信に関する研究」分担研究報告書

総括研究報告書

研究代表者 森 臨太郎 国立成育医療研究センター研究所 政策科学研究部長

研究要旨

根拠に基づく母子保健を実現するために、母子保健分野に関する科学的根拠について、 国内外の情報を網羅的かつ系統的に収集し、定期的に国内外に情報発信する体制を整備することが必要であり、本研究はこのような体制整備を通して、我が国における根拠に基づく母子保健を推進し、かつ世界の母子保健に貢献することを目的としている。

本年度は、所管課と連携して、母子保健行政上重要課題と考えられる自閉症や発達障害の 子どもとアレルギー等の関連について系統的レビューを実施し、政策に寄与した。

われわれは、海外関連機関の支援のもと 17 本の母子保健関連系統的レビューを現在まで出版し、我が国が独立して根拠に基づく母子保健政策・医療を実現するには、人材の強化を通した基盤整備の必要性を明らかにしてきた。本年度は、コクラン系統的レビューの著者数およびコクラン系統的レビューの出版が増加し、日本コクランブランチの活動により、本研究班の基盤整備への成果は着実に示されている。

研究分担者:

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A. 研究目的

根拠に基づく母子保健を実現するために、母子保健分野に関する科学的根拠について、国内外の情報を網羅的かつ系統的に収集し、定期的に国内外に情報発信する体制を整備することが必要であり、

本研究はこのような体制整備を通して、 我が国における根拠に基づく母子保健を 推進し、かつ世界の母子保健に貢献する ことを目的としている。

B. 研究方法

①所管課や国内外の関連機関と協議し、母子保健の現重要課題に関して、接索された研究を系統的に批判的吟味し、検索は出出したうえで統計的に統合(メタ解析)、すなた系統的に批判の方法論に入りを施行する方法論して、対して、力を施行するが、少などの方法論に関して、対が国内外関連機関と連携して、プロトキーの大きに関連をであるが、対して、対が国で系統的レビューを行った。

ている著者や研究者へ方法論や発信手法 などに関するきめ細かい支援も行うこと で、人材強化を行う。③我が国の出生届・ 死亡届等政府統計の分析および小児死因 分析調査を加えることで情報を多角的に 強化する。④日本の母子保健における臨 床研究を世界に発信するための検討を行 う。⑤国内外の機関との関係を強化し、 新たに連携できる人材や組織の発掘や育 成を行う。

(倫理面への配慮)

系統的ビュー(メタ解析)は、一般的に公開されている研究情報をもとに行う 二次データ分析として位置づけられているため、倫理的な問題は少ないが、疫学研究の倫理指針および、コクラン共同計画の国際倫理指針など、国内外の社会的研究に関するガイドラインを順守した。倫理的課題が大きい、ヒトゲノム研究、ヒト幹細胞を用いる研究、遺伝子治療研究、動物事件は行っていない。

C. 研究結果

ネットワークメタアナリシスの応用と 批判的吟味ガイドライン (古川壽亮)

本分担班のこれまでの経験に基づき、 臨床家がネットワークメタアナリシスを 臨床で利用するための批判的吟味のガイ ドラインを作成した。このガイドライン は、メタアナリシスのユーザーズガイド にならい、2部に分かれる。

第1部は、系統的レビューの過程の方法論的妥当性に関するチェックポイントで、通常のペアワイズ・メタアナリシスと同様である。第2部は、得られた結果の質、つまり得られた結果の確実性に関するチェックポイントで、GRADEをネットワークメタアナリシスに適用したものである。ひとつの臨床疑問に関して複数の治療を比較するネットワークメタアナリシスは今後、臨床判断にますます重

要となってくるであろう。今回われわれ はさらに進んで、ネットワークメタアナ リシスを理論的研究に応用する研究を行 った。また、ネットワークメタアナリシ スを臨床家が適切に利用できるためのガ イドラインを作成した。

妊産婦の保健を対象とした系統的レビューに携わる人材発掘の調整と育成(大 槻克文)

コクランレビューワークショップに出 席し、本研究への理解を深めるとともに、 参加者とのコミュニケーションを介して、 周産期領域、特に産科領域からのサポー トを行うこととした。平成27年4月に横 浜で開催される第67回日本産科婦人科 学会(学術集会会長:峰岸 敬教授(群 馬大学))事務局に対して、日本におけ るコクラン共同研究の主旨を説明し、当 該学術集会内での「コクランレビューに 関する説明会の開催」開催許可を依頼し た。また、本邦で開催される周産期領域、 産婦人科領域での学会や研究会主催者に 働きかけ、「周産期領域での学会等にお ける「コクランレビューに関する説明会 の開催」を試みた。周産期領域での各種 学会や医局において、「日本におけるコ クラン共同計画の認知度」を高めるべく、 啓発活動を実施した。上記検討結果を踏 まえて、主任研究者である森臨太郎先生 と問題点の抽出と協議を行い、平成27 年度の方策を検討した。

国際蘇生法連絡委員会(International Liaison Committee on Resuscitation: ILCOR) ガイドライン策定におけるコクランレビュー活用の検討(田村正徳、杉浦崇浩)

ILCOR ワークシートの1例作成にあたり、網羅的文献検索、1次・2次スクリーニングを実施し、最終的に12文献を採用

した。ここで既存のコクランレビューの 採用文献と比較したところ、コクランレビューでは16文献を採用しており、うち 11文献は一致していた。今回我々の採用 文献に含まれなかった5文献の内、臍帯 ミルキングの文献はPICOの観点から除 外されて妥当と考えられた。またコクラ ンレビューで採用されていた文献に代わ り、その後アップデートされた論文が採 用されており、採用文献として内容的に は一致していることが確認できた。その 他の4論文はILCOR の PICO の

Outcome にそぐわず除外されていたことが確認できた。その後コクランには含まれていない非ランダム化試験 3 文献を採用し、各論文につき GRADE システムに従いコクランレビューと照らし合わせながらアウトカム毎に基づいた GRADE bias table および GRADE finding tableを作成し、2014年12月7日のアメリカ合衆国、ワシントン D.C での ILCOR 新生児部門会議にて発表した。会議参加者よりその作成過程でのコクランレビューの有用性が認められ、多くの賛同が得られた。

人材育成および助産ケアに関する科学 的根拠(堀内成子、八重ゆかり、片岡弥 恵子、江藤宏美)

コクラン活動に関連するセミナー、シンポジウム開催およびコクラン・システマティック・レビュー作成を通して、看護・助産分野におけるコクラン・コラボレイション活動に関する知識の普及と人材育成を行った。

平成 26 年度は、コクラン・システマティック・レビューワー育成を目指した聖路加コクラン塾でセミナーを 2 回、第 28 回日本助産学会学術集会(長崎)において、プレコングレス・セミナーを開催した。

レビュー作成の進捗状況は、【分娩第3期における出血に対するホメオパシーの効果】に関するコクラン・システマティック・レビューのタイトル登録申請を行った結果アクセプトされ、プロトコル査読結果を受け取り、現在修正中である。

また、「日本助産学会 エビデンスに基づく助産ガイドライン:分娩期 2012」の改訂作業を進めている。同時に、「ガイドライン-妊娠期」の作成準備が始まっている。妊婦健診では、助産師健診も増加しており、さまな妊婦の疑問にきるよう、適切な情報提供ができるようなガイドラインの作成を目指している。日本産婦人科学会のガイドラインの横に助産学会ガイドラインがならび、多様な CQ に対するエビデンスの紹介ができるよう作業を進めている。

次世代育成のための社会科学分野にお ける科学的根拠(原田隆之)

「Cognitive-behavioural treatment for amphetamine-type stimulants (ATS) use disorders」(アンフェタミン・タイプ刺激剤使用障害に対する認知行動療法)というタイトルで、コクラン薬物・アルコールグループにタイトル登録、プロトコールの執筆を行った。タイトル登録は、平成25年2月に完了し、プロトコールは同年5月に提出した。さらに、キャンベル共同計画への同時登録の許可も双方から得た。

プロトコールについては、同年 10 月に コクラン・ライブラリーにおいて公表さ れた。今後は、プロトコールにしたがっ てレビュー本体の執筆を行う。

キャンベル共同計画の翻訳については、 既に英語で発表されている教育, 刑事司 法, 社会福祉分野等のレビュー本体、お よび抄録の翻訳を実施した。また、既存 のウエブサイトの見直しと整備を行った。 さらに、社会科学分野におけるエビデンス・ベーストの重要性について広く啓蒙するための学会発表や論文執筆を行った。

人材育成および日本コクランブランチ 設立にむけて(大田えりか、エマ・バー バラ、シャルーク・サデクア、佐々木八 十子)

母子保健分野に関する科学的根拠を定期的に国内外に情報発信する基盤整備のため、コクラン共同計画の啓蒙活動の実施、およびコクラン系統的レビュー出版を通した人材育成、を目的とした。

本年度は、コクラン日本支部を設立し、 プレスリリースを行った。5月にコクラ ンの CEO であるマークウィルソンが来 日し、厚生労働省にて記者会見を行った。 また、成育にてコクランのワークショッ プを3回(タイトルレジストレーション 6月、プロトコール9月、フルレビュー2 月) 実施した。また国立精神神経センタ ーと、国立がんセンターと国立成育医療 研究センターと3ナショセン合同で、昨 年度に引き続き12月に第二回メタアナ リシス入門講座を実施した。成育医療研 究センターのセミナー、東京大学大学院、 東京医科歯科大学大学院、大分県立看護 大学にて系統的レビュー作成およびコク ラン共同計画に関する講義を行いワーク ショップ等を含め、延べ300名以上が参 加した。また助産学雑誌に、日本語でコ クラン系統的レビューの解説特集の連載 を1年間行い啓蒙活動を行った。日本か らのコクラン共同計画の著者数は、2015 年2月でおよそ200名となり順調に増加 している。日本からのコクラン Archie 登録者数は300名となった。

本年度の6月には、所管課と連携して、 母子保健行政上重要課題と考えられる自 閉症や発達障害の子どもとアレルギー等 の関連について系統的レビューを実施し、 政策に寄与した。(参考資料1:自閉症 や発達障害の子どもとアレルギー等の関 連について)

国際共同研究としては、WHOの妊娠期の感染症のガイドライン作成のためのコクランレビューを7月から3か月イギリスの妊娠出産グループに行き、関連する20論文updateしすべて出版された。

D. 考察

本年度は、コクラン日本支部のプレス リリースをはじめとして、ワークショップ、講演、講義などでコクラン共同計画 の認知度を高め、系統的レビューの方きた。 ワークショップの開催も、コクランができた。 ワークショップの開催もし、チュータが 的レビューの著者が増加し、持ることができている。また、2月には、成育にてセランレビューの読み方・使い方のセセーをする。6月には、韓国にて日・中・韓・豪合同のレビューコンプリーショップ開催を予定している。

コクラン系統的レビューは、著者の増加に伴い、順調に出版数を増加させている。本年度は、研究班全体でコクランプロトコールが7本、コクランの手法を用いたプロトコールが1本、コクラン系統的レビューが9本出版された。母子プロトコールが7本、コクラン系統のレビューが9本出版された。母子プロトコールが7本、コクラン系統の下生の上が7本、コクラン系統の政策上の重要課題して、最新の科学的根拠を質の高い手法でまとめ発信できた。本研究班のこの基盤整備への成果は着実に示されている。

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E. 引用文献・出典なし

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- G. 知的財産権の出願・登録状況
- 1. 特許取得 なし
- 2. 実用新案登録 なし
- 3. その他 なし