JBI - Full Text
database providing
evidence-based
medicine and best
practice information
and JBI Tools



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- Provide an understanding of JBI, Collaboration and the Database
- Highlight the content and key features
- Share resources for additional learning
- 4. How to access from the VA Library and resource page
- Demonstrate live tips on searching JBI
- 6. Introduce you to the JBI Tools
- 7. Take time to answer any questions





### **JBI Evidence-Based Practice Resources**

Healthcare professionals and institutions around the world strive to provide the highest quality care to their patients.

JBI's evidence-based practice model is considered a benchmark in the healthcare industry. JBI's unique suite of evidence-based content and software ensures that health professionals can access high quality evidence, appraise diverse types of evidence and apply evidence at the point of care, to meet today's rigorous quality standards and improve patient outcomes. One of the World's Leading Providers of Evidence- Based Information— Available Exclusively on Ovid



- Content and software that will help your institution implement evidence-based practice
- Systematic reviews, recommended practices, evidence summaries, and more
- Evidence to inform clinical practice—derived from JBI's global collaborating Centres of Excellence in 40+ countries.
- Resources designed to help assess the quality of research

### Why JBI EBP Resources on Ovid?

- Evidence-based content and software from a leading evidence-based practice organization—only available on Ovid
- · Summarized research in a format that is easy to locate, understand, and distribute
- Diverse range of resources that go beyond therapeutic medical interventions, to look at patient and caregiver experiences, report on costs, diagnostics, and prognostics.
- Improved patient outcomes by extending the reach of clinical practice guidelines tailored for your institution or community

### Evidence to Inform Clinical Practice

### JBI Evidence Synthesis

An international peer-reviewed, online journal that publishes rigorous evidence syntheses relevant to a range of healthcare contexts and health conditions. JBI Evidence Synthesis is the premier channel for diverse systematic reviews that move beyond inclusion of

RCTs and experimental studies, providing the best available evidence for health professionals to aid point of care decision making and healthcare administrators to inform health policy and practice.

The journal publishes systematic and scoping review protocols, diverse types of systematic reviews, and scoping reviews covering multi-disciplinary healthcarerelated topics that follow rigorous methodology and methods developed by JBI. Fully indexed in Embase®, MEDLINE®, and CINAHL®.

# Click on the image to oper





- Evidence Based Practice
- Research Institute since 1996
- Royal Adelaide Hospital and the University of Adelaide
- Not-for-profit
- 70+ Centres and Groups
- >7000 members in over 47 countries
- International collaboration of health scientists, health professionals and health researchers
- To improve global health through providing point-ofcare access to:
  - Evidence databases
  - Decision support systesm
  - Implementation, evaluation and continuous improvement tools

# Why JBI?



- JBI's synthesis work helps providers understand the content and put it in their context.
- Healthcare organizations are facing many pressures – evidence-based information saves time and money.
- Up-to-date and practical evidence informs clinical decision making.
- Used as a tool for teaching EBP and it provides a connection between research and practice that is excellent.



# JBI Nodes (Groups)

\* Click in the <u>Aged Care</u> mode to see the experts that have been assigned to manage its content.

1. <u>Aged Care</u>\*



2. Burn Care

3. Cancer Care

4. Diagnostic Imaging

5. Emergency and Trauma

6. Health Policy

7. Infection Control

8. Mental Health

9. Musculoskeletal

10. Pediatrics

11. Palliative Care

12. Reproductive Health

13. Surgical Services

14. Urinary

15. Wound and Skin Care

New

Adolescents

**Blood Disorders** 

Cardiovascular

Critical Care

Dental and Oral Care

**Endcrine and Diabetes** 

Family Health

**Informatics** 

Neonatal

Nervous System

Respiratory



# 5 full text publications

- Guidelines to implement in clinical practice
  - Evidence Summaries
  - Evidence Based Recommended Practice
  - Best Practice Information Sheets

### Detailed documents for further investigation

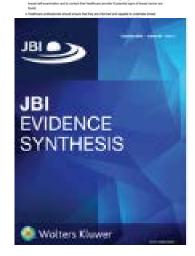
- JBI Systematic Reviews-Journal Linking
  - Article as PDF (650KB)
- JBI Systematic Review Protocols
  - TATICLE as PDF (650KB)
- JBI Evidence Synthesis







. Healthcare professionals should educate and inform at risk clients regarding how to u







# **Evidence Summaries**

- Short abstracts starting with a PICO question that summarize existing international evidence on common health care interventions and activities
- Based on structured searches of the literature and selected evidence-based health care databases

JBI Grades of Recommendation				
A 'strong' recommendation for a certain health management strategy where:				
Grade A	it is clear that desirable effects outweigh undesirable effects of the strategy;			
	2. where there is evidence of adequate quality supporting its use;			
	3. there is a benefit or no impact on resource use, and			
	values, preferences and the patient experience have been taken into account.			
A 'weak' recommendation for a certain health management strategy where:				
Grade B	1. desirable effects appear to outweigh undesirable effects of the strategy, although this is not as clear;			
	2. where there is evidence supporting its use, although this may not be of high quality;			
	3. there is a benefit, no impact or minimal impact on resource use, and			
	4. values, preferences and the patient experience may or may not have been taken into account.			



### LOW BACK AND PELVIC PAIN (PREGNANCY): PREVENTION

### Autho

Dr Ashley Whitehorn BAppSc BHlthSc (Hons) PhD

### **Publication date**

08/04/2020

### Question

What is the best available evidence regarding interventions to prevent low back and/or pelvic pain in pregnant women?

### Clinical Bottom Line

It is estimated that around half of all pregnant women experience low back pain (LBP), or pelvic girdle pain (PGP), together known as lumbopelvic pain (LBPP) during pregnancy. LBP is pain or discomfort between the 12" rib and the gluteal fold, while PGP is pain experienced between the iliac crest and gluteal fold, particularly around the sacroiliac joints. LGPP can negatively affect sleep, social and sexual life, work and mental health. A systematic review and meta-analysis investigated the effect of prenatal exercise (frequency, intensity, type and volume) on maternal LBP, PGP, and LBPP during pregnancy and in the postpartum period. Exercises included yoga, aerobic exercise, strength training and combination resistance and aerobic exercise, with the majority of interventions starting in the second and ending late in the third trimester. Exercise frequency ranged from one to 14 times per week, duration ranged from 20 to 75 minutes per session and exercise intensity ranged from low to vigorous. The meta-analysis of randomized controlled trials (RCTs) (n=13) found that overall prenatal exercise was not associated with lower risk of pain (LBP, PGP or LBPP) during pregnancy compared to no exercise. A single study found lower risk of LBP when participating in water based exercise compared to land based exercise, although there was no effect on PGP. The meta-analysis did find an inverse association between prenatal exercise and pain severity suggesting that although women who exercised did experience pain, the severity was less than women who did not exercise. Authors concluded that there is very low level evidence supporting exercise to reduce the severity of pregnancy related LBP, PGP and LBPP. (Level 1)

 A systematic review and meta-analysis investigated the effect of exercise for the prevention of low back and pelvic girdle pain (and associated sick leave) during pregnancy. The exercise interventions included water gymnastics, sitting pelvic tilt exercises, an energy expenditure exercise, strength training (general

### **Best Practice Recommendations**

- Best Practice Recommendations
- Women should be encouraged to participate in regular exercise during pregnancy as there may be a small protective effect for low back pain. (Grade B)

# Recommended Practices

Interventions or procedures that describe step by step and recommend a practice on a selected clinical topic; developed by an expert clinical review panel to confirm clinical relevance and currency; based on Evidence Summary.

- Recommended Practice
- Equipment List
- Occupational Health & Safety Provisions

Occupational Health and Safety Considerations















### JBI RECOMMENDED PRACTICE

### NON-SPECIFIC LOW BACK PAIN: SUPERFICIAL HEAT

### **Publication date**

10/04/2020

### Equipment

- · Patient's medical record
- Sensation testing equipment
- Heat Wrap/Hot Pack

### **Recommended Practice**

PRECAUTIONS:

- Neurological disorders
- Kidney problems
- Diabetes mellitus
- Bleeding diseases
- Inflammatory disease
- · Abnormal heat sensitivity
- Peripheral vascular disorders
- Active tuberculosis
- · Skin lesions (e.g. rash, bruising, laceration)
- · Areas where heat rub was applied
- · May refer to manufacturer's guidelines for precautions

### CONTRAINDICATIONS:

- Circulatory insufficiency
- · Risk of dissemination (malignancy, systemic disease)
- · Possible exacerbation of existing conditions
- · Loss of skin sensation (hot or cold)

PROCEDURE:

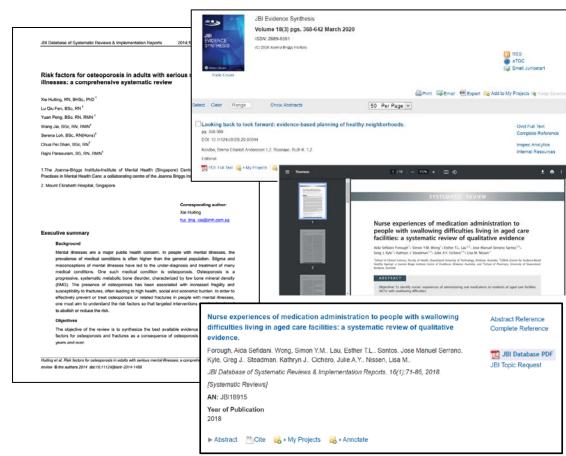
1. Conduct an appropriate assessment to determine individual patient needs and any contraindications/

2. Explain procedure to patient and gain consent. Warn patient regarding potential risks (e.g. burns), and that the sensation must be comfortable. Therapist should monitor the effects during the treatment and stay present. If therapist needs to leave the patient, he/she should be provided with a warning device or if able

# Systematic Reviews and Systematic Review Protocols

- Systematic Reviews
   Analysis of all the available literature
  - Develop a question
  - Establish inclusion/exclusion criteria
  - Develop a strategy to comprehensively search for the evidence
  - Appraising the quality of each paper
  - Extracting the findings of included papers
  - Synthesizing the findings of included papers
- Systematic Review Protocols
  - A document that will become a systematic review

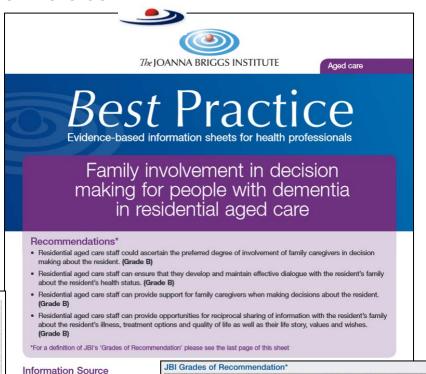
Links from the record open the article in the JBI journals



# Best Practice Information Sheets

- Based on the results and recommendations of many systematic reviews.
- Provides access to key issues
   & recommendations that have
   been collected from a
   large amount of material





This Best Practice Information Sheet has been

systematic review published in 2013 in the

Systematic Reviews and Implementation Reports review report is available from the Joanna

(www.joannabriggs.org)

Grade A A 'strong' recommendation for a certain health management strategy where (1) it is clear that desirable effects outweigh

preferences and the patient experience may or may not have been taken into account

undesirable effects of the strategy: (2) where there is evidence of adequate quality supporting its use: (3) there is a benefit

undesirable effects of the strategy, although this is not as clear; (2) where there is evidence supporting its use, although

this may not be of high quality; (3) there is a benefit, no impact or minimal impact on resource use, and (4) values,

or no impact on resource use, and (4) values, preferences and the patient experience have been taken into account.

# JBI levels of evidence

### •<u>JBI Levels of Evidence</u> (PDF)

The JBI levels of evidence help describe the strength of the evidence found in the Evidence Summaries. JBI assigns levels 1 to 5 [1 systematic reviews, 5 expert opinions].

### •JBI Grades of Recommendation (PDF)

Grading system that helps professionals to quickly establish the importance of the evidence. JBI assigns a level \*[A or B] to its recommendations found within the Best Practice Sheets and the Evidence Summaries

\* Some older Best Practice Sheets will continue to show A, B, C, D grades.

THE UNIVERSITY
INSTITUTE

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New JBI Levels of Evidence

Developed by the Joanna Briggs Institute Levels of Evidence and Grades of Recommendation Working Party October 2013

PLEASE NOTE: These levels are intended to be used alongside the supporting document outlining their use. Using Levels of Evidence dose not preclude the need for careful reading, orbical appraisal and clinical reasoning when applying evidence.

Levels of Evidence For EffectiveNess Level 1 – Experimental Designs

Level 1.6 – Systematic review of Randonized Controlled Trials (RCTs)

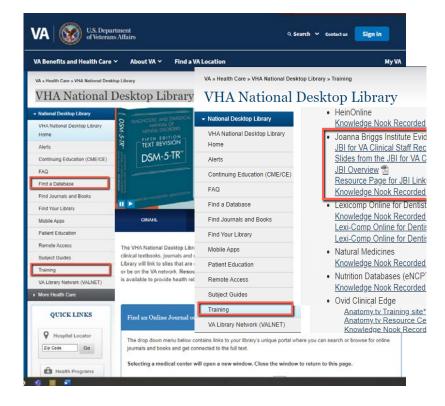
Level 1.6 – RCT

Level 1.6 – Pseudo-RCTs

Level 2.7 Quasi-experimental Designs

	7% (CANNA BRIGGS INSTITUTE THE UNIVERSITY S'ADELAIDE Sono et transitions Heat Science			
Ne	w JBI Grades of Recommendation			
	oped by the Joanna Briggs Institute Levels of Evidence and Grades ommendation Working Party October 2013			
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Grade A	A strong recommendation for a certain health management strategy where (1) it is clear that decirable effects outweigh undecirable effects of the strategy, (2) where there is evidence of adequate quality supporting its use, (3) there is a benefit or no impact on resource use, and (4) values, preferences and the patient experience have been taken into account.			
Grade B	A 'weak' recommendation for a certain health management strategy where (1) desirable effects appear to outweigh undesirable effects of the strategy, although this is not as clear, (2) where there is evidence supporting its use, although this may not be of high quality, (3) there is a benefit, no impact or minimal impact on resource use, and (4) values, preferences and the patient experience may or may not have been taken into account.			

# VHA National Desktop Libra





### **JBI Resource Page**

JBI is one of the world's leading evidence-based practice (EBP) organizations. JBI's evidence-based practice resources assist healthcare professionals to implement an effective evidence-based practice program to provide the best possible patient care. View a list of new JBI Reports added last month Email the Monthly flyer of new JBI Reports to me JBI Evidence Synthesis JBI Overview for Clinicians - Session Recording JBI Resource Center Athens Login to JBI Search JBI EBP Database: Search Publication Types: Popular Searches: Click to search the JBI EBP database for these topics: The JBI EBP Databa PTSD - Evidence Summaries on Ovid **Diabetes Prevention - Evidence Summaries** Falls - Recommended Practices



Wolters Kluwer



# JBI Resource Center

### IBI Resource Center

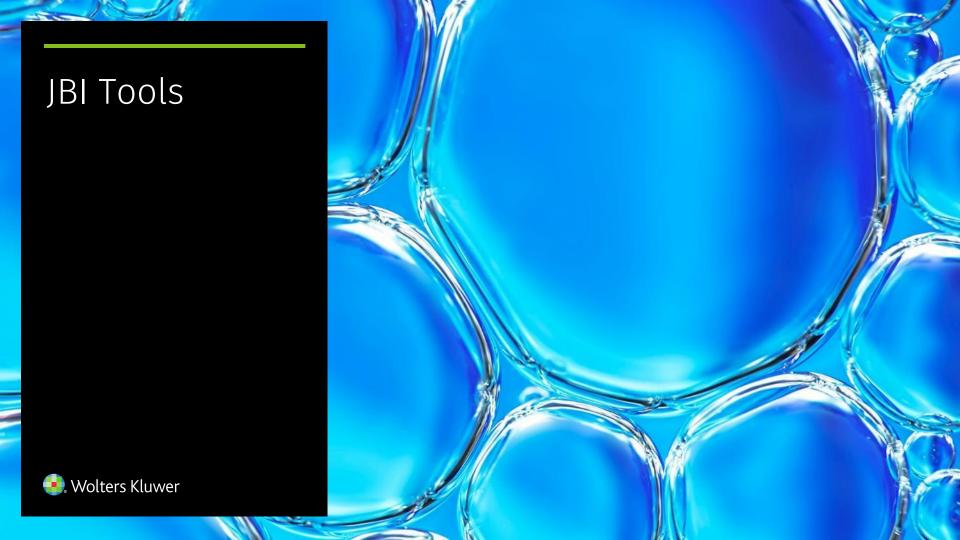
Access additional JBI information, videos, widgets...

### COVID-19 Training Videos User Guides Access Options Contact About JBI Welcome to the JBI Resource Center This site provides many support and training options to you as a JBI member. JBI There are pre-recorded training videos for the JBI database and tools. You can view these videos directly from Resource this webpage or, copy the video links for your own site. Center There are also a range of intuitive JBI manuals and Ovid quick reference cards available for direct download. The Ovid Support team can help to simplify the access to your JBI subscription by offering a selection of personalised JBI portals and widgets for your specific institution. If you have any questions or requests, please don't hesitate to contact Ovid Support team.

JBI Resource Center







# JBI Tools Factsheets – click image to access



Ovid®

# **JBISUMARI**







The new and improved IBI SUMARI includes features such as automatic generation of PRISMA 2020 flow diagram; the ability to screen studies within multiple study screeners. including logic to resolve conflicts, and to merge studies; separation of study screening to facilitate both title and abstract screening, and screening at the full text level; and proportional meta-analysis.

### JBI's premier software for the systematic review of literature

The System for the Unified Management, Assessment and Review of Information (SUMARI) is JBI's premier software program that provides end-to-end support for researchers and health professionals to conduct a systematic review from anywhere in the world. JBI SUMARI is designed to assist researchers and practitioners in fields such as health, social sciences and humanities in an easy-to-use web application.

JBI SUMARI supports the entire review process, from protocol development to writing the review report, and includes team and contributor management for effective and efficient collaboration.



Ovid®

### **JBI PACES**

(Practical Application of Clinical Evidence System)



Streamlining healthcare quality improvement projects for better patient care



Developed by JBI—world leaders in helping organizations use evidence to inform clinical decision-making—JBI PACES is an all-in-one evidence-based audit and feedback software solution perfect for quality improvement, audit, or evidence-based practice projects.

### JBI's Intuitive, Customizable Software for Improving Outcomes

- Ideal for healthcare practitioners, researchers, and students and faculty at hospitals, clinicals, long-term care facilities, and other institutions
- Step-by-step approach to implementing behavior and practice change
- Rapid access to the best available evidence in the JBI EBP Database (also on Ovid)
- Easily searchable audit criteria, including outcome measurements, quality indicators, and other performance measures—modify and create your own!
- · Built-in calculators make statistics easy!
- Customizable data presentations, plus automatic reporting
- Accommodates large-scale, organization-wide initiatives plus smaller, more individual projects
- Integrated with JBI Evidence Based Summaries, Recommended Practices, and BPI Sheets

# JBI on Ovid®: JBI EBP Tools









# The JBI Systematic Review Suite





 A tool that permits researchers to undertake indepth quality systematic reviews of the literature for a particular topic

SUMARI Video Tutorial



# JBI PACES





- A tool that allows users to undertake a clinical audit for evidence-based interventions.
- There are currently 160 predefined interventions available.

PACES Video Tutorial

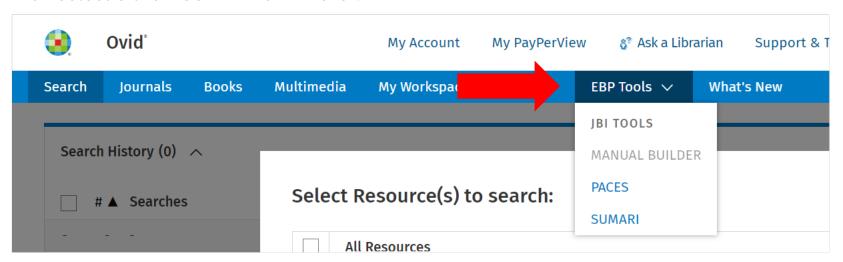


# JBI Tools login options

Step 1: Log into Ovid via your institution or library.

Step 2: Within Ovid Select "EBP Tools" from the Dark blue navigation bar at the top of the Ovid screen

Then select either "SUMARI" or "PACES".





# JBI Tools login options

<u>Click here</u> for step-by-step instructions for each option

	JBI Login				
	Username:	Option 4			
	Password:				
_	Submit Reset				
Option 2	Forgot Password? Register New User	Option 1			
Already have a JBI user account? Request Access					
	Option 3				



# What is SUMARI?

What is SUMARI?

The System for the Unified Management, Assessment and Review of Information

• The JBI SUMARI is designed to facilitate the entire review process, from protocol development, team management, study selection, critical appraisal, data extraction, data synthesis and writing a systematic review report

The process of creating a systematic review involves the phases listed across the top of the screen



• JBI SUMARI supports the entire review process, including allowing you to manage review teams and contributors to your review. It's now an online web-based application so there's no need to download and install any software. The new SUMARI supports more review types

# JBI PACES





A tool that allows users to undertake a clinical audit for evidence based interventions.

There are currently 160 predefined interventions available.



# **JBIPACES**



```
Practical
Application of
Clinical
Evidence
System
```

# **JBIPACES**

# Simple to use software to support:

- Evidence-based practice
- Quality improvement projects
- Different types of research projects
- Audit and feedback cycles
- Evidence implementation
- Collection of outcome data



# What has changed?

### **MODERN**

 Complete rebuild with new, modern interface tech

### INTUITIVE

Simpler interface, less 'clunky'

### FLEXIBLE AND CUSTOMISABLE

- Can modify or create your own outcome measurements, quality indicators, performance measures or audit criteria
- Can be used for a broad range of

## projects

- Can export data into various formats
- Customise presentation of reports and run multiple analyses

### LATEST EVIDENCE AND APPROACHES

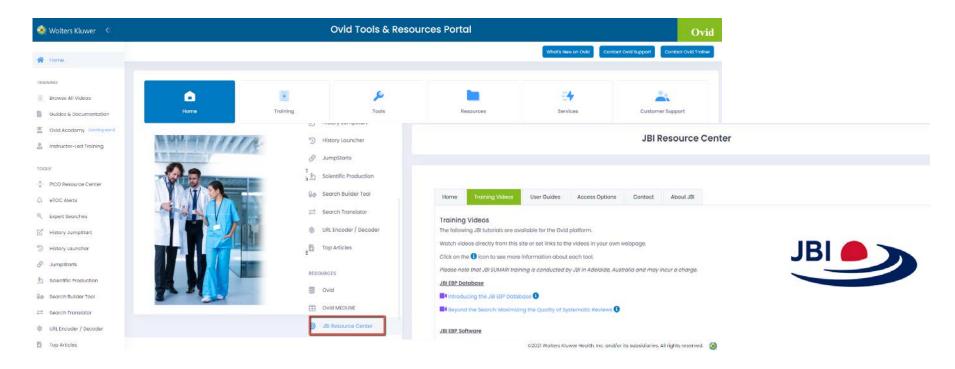
- Fully integrated with JBI EBP Database
- Facilitates the implementation of evidence into practice

# Where to find out more...

- SUMRI
- http://joannabriggs.org/sumari.html
- <u>https://www.jbisumari.org/</u> and
- https://www.jbisumari.org/#tutorials
- PACES
- https://www.youtube.com/watch?v=wU\_lz0jCJbg
- https://www.youtube.com/watch?v=mJfYVDieZms
- https://paces.jbi.global/



# Ovid Tools & JBI Resources Portal



https://tools.ovid.com

For additional information or assistance contact our sales or support teams:

support@ovid.com

# Thank you

Kathi.grainger@wolterskluwer.com



