A BMJ article uncovers new analysis on the safety of an antidepressant previously deemed safe for teenagers.
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Setting the record straight

Fourteen years ago, a leading drug maker published a study showing that the antidepressant Paxil was safe and effective for teenagers. Last month, the British Medical Journal published an article with a new analysis of the same data concluding that the opposite is true.

The article, co-authored by JBI Implementation Science Research Fellow Dr Catalin Tufanaru, reports on the re-analysis under the RIAT (Restoring Invisible and Abandoned Trials) initiative of a randomized clinical trial known as Study 329.

Titled ‘Restoring Study 329: efficacy and harms of paroxetine and imipramine in treatment of major depression in adolescence’, it sets the record straight and concludes that ‘neither paroxetine nor high dose imipramine showed efficacy for major depression in adolescents, and there was an increase in harms with both drugs. Access to primary data from trials has important implications for both clinical practice and research, including that published conclusions about efficacy and safety should not be read as authoritative. The reanalysis of Study 329 illustrates the necessity of making primary trial data and protocols available to increase the rigour of the evidence base.’

The article has since ‘gone viral’ and has been discussed in the following:

‘Liberating the data from clinical trials’ (BMJ Editorial)

‘No correction, no retraction, no apology, no comment: paroxetine trial reanalysis raises questions about institutional responsibility’ (Feature in BMJ)

Media coverage on the study

Additionally the article has registered an impressive Altmetric score, which is a quantitative measure of the attention that a scholarly article has received, derived from three main factors: volume, sources and authors.

Background information on Study 329:

The entire story of Study 329

BMJ press release and materials

Indexed in MEDLINE

The JBI Database of Systematic Reviews and Implementation Reports has been accepted for indexing in MEDLINE (Medical Literature Analysis and Retrieval System Online). This will enhance the visibility of papers published in our journal.

MEDLINE is a bibliographic database of references and abstracts on life sciences and biomedical topics. It includes bibliographic information for articles from academic journals covering medicine, nursing, pharmacy, dentistry, veterinary medicine and health care.

The journal is also currently indexed in Mosby’s Nursing Index, Embase, CINAHL and Scopus.
Obese men are much more likely to be infertile

Male obesity is associated with reduced reproductive potential – a systematic review conducted by Dr Jared Campbell, JBI Implementation Science Research Fellow, has established this.

Based on a review of 30 research papers on obesity and male fertility involving 115,000 men, the systematic review, originally published in Reproductive BioMedicine Online, has received considerable media attention. It has been covered in 7 News, Sky News and The Australian.

The article, ‘Paternal obesity negatively affects male fertility and assisted reproduction outcomes’, concluded that obese men were more likely to experience infertility, their rate of live birth per cycle of assisted reproduction technology was reduced and they had a 10% absolute risk increase of pregnancy non-viability.

Dr Campbell was also interviewed on radio on 19 September, on Orbit, 101.5FM Radio Adelaide. His systematic review was a collaboration with researchers at Gamete and Embryo Biology Group at the Robinson Research Institute where he did his PhD.

JBI methodological papers published

A special issue of the International Journal of Evidence-based Healthcare has published a series of methodological papers developed by the JBI methodological working groups. These papers were presented by JBI staff representing their working groups at the recent JBI International Methodology Symposium 2015.

Also featured in that issue is a discussion paper, ‘Now that we’re here, where are we? The JBI approach to evidence-based healthcare 20 years on’, co-authored by Assoc Prof Zoe Jordan, Dr Zachary Munn, Assoc Prof Edoardo Aromataris and Assoc Prof Craig Lockwood.

Cochrane Colloquium and G-I-N Conference

Assoc Prof Craig Lockwood, JBI Director Implementation Science, attended the Cochrane Colloquium Vienna, themed, ‘Filtering the information overload for better decisions’, on 3–7 October. Also in attendance was Dr Hanan Khalil, Director of Centre for Chronic Disease Management, who is presenting a paper on the JBI scoping reviews methodology based on the Scoping Reviews Methodology group’s work.

After Vienna, Assoc Prof Lockwood went to Amsterdam to present at the G-I-N (Guidelines International Network) Conference on 7–10 October. His paper, titled, ‘CAN Implement: facilitating stakeholder engagement in evidence-based guideline adaptation’, was part of the Guideline Development plenary session.

A detailed report of Assoc Prof Lockwood’s trip will be provided in the forthcoming issue of JBI Matters.
Sir Pedersen visits the Queen

Prof Preben Ulrich Pedersen, Director of the Danish Centre of Systematic Reviews, was bestowed the Knight of The Dannebrog Order in April 2015.

On 23 September Sir Pedersen went to the Christiansborg Castle to extend his thanks to Queen Margre II. There he had a seven-minute conversation alone with the Queen and they talked about the importance of implementation of evidence based nursing and she asked about the collaboration of the Danish Center of Systematic Synthesis in Nursing with JBI.

Sir Preben celebrated the rest of day with friends and family.

New JBI appointments

The Institute extends a warm welcome to the following new staff who joined JBI in the last couple of months:

Jason Illicic, IT programmer, who joined the Transfer Science team, has experience with programming in various languages, database administration, building websites and also in support roles as well.

Anna-lee Mason, the new Training and Events Coordinator in Transfer Science, has a background in medical education working in hospitals and universities as well as significant administrative experience.

Kelly Lewis is the new Collaboration Liaison Officer. Kelly comes with international experience in media and communications, and multi-disciplinary research collaboration (see page 11).
Cochrane Nursing Care Field Director’s Report

Much has been happening in Cochrane over the last year, with several significant changes underway that will relate to the Cochrane Nursing Care Field (CNCF). The basis of current discussions is the strategic review leading to the future visions for Cochrane.

At a broad level, Cochrane has defined four strategic goals that underpin the review process:

1. To produce high-quality, relevant, up-to-date systematic reviews and other synthesized research evidence to inform health decision-making.
2. To make Cochrane evidence accessible and useful to everybody, everywhere in the world.
3. To make Cochrane the ‘home of evidence’ to inform health decision-making, build greater recognition of our work, and become the leading advocate for evidence-informed health care.
4. To be a diverse, inclusive and transparent international organisation that effectively harnesses the enthusiasm and skills of our contributors, guided by its principles, governed accountably, managed efficiently and makes optimal use of its resources.

The principles that will underpin the direction for Fields is based on the vision to see Cochrane evidence informing health and healthcare. The focus on systematic reviews will continue, led by review groups. Fields are engaged in a process of consultation via the Fields executive on taking a greater role in knowledge translation. Some of the work of the CNCF will scale back, or discontinue, while other activities will be given greater scope.

Going through to the end of 2015, there will be no further major changes to our Field. You may have already noticed the new look website and newsletters; our organisational structure will continue, as will the leadership group. The Colloquium in Vienna this year is where more detail will be provided on Fields and Field activity. Once we know more from those meetings, further updates on the Field’s direction will be provided.

Assoc Prof Craig Lockwood
CNCF Director
Limited Special Offer!
Course dates have been set for 2016 and we are pleased to announce a Limited Special Offer: **enrol in 2016 courses before 31 October 2015 and secure 2015 pricing!**

Evidence-Based Clinical Fellowship Program
Learn about clinical leadership and how to implement evidence in practice to improve patient outcomes.
The Evidence-Based Clinical Fellowship Program is a six-month workplace, evidence-based, implementation program involving two five-day intensive training workshops in the Joanna Briggs Institute, and a workplace evidence implementation project in the intervening months. Program dates for 2015:

**May intake**
Week 2: 12–16 October

**June intake**
Week 2: 16–20 November

**July intake**
Week 2: 7–11 December

**Program dates for 2016**

**February intake**
Week 1: 22–26 February
Week 2: 8–12 August
Enrol by: 8 January 2016

**May intake**
Week 1: 16–20 May
Week 2: 17–21 October
Enrol by: 1 April 2016

**June intake**
Week 1: 20–24 June
Week 2: 21–25 November
Enrol by: 6 May 2016

**August intake**
Week 1: 22–26 August
Week 2: 30 Jan – 3 Feb 2017
Enrol by: 8 July 2016

Clinical Leadership Program
The Clinical Leadership Program is open to all clinical leaders and leaders-to-be in all health care disciplines. Dates for 2016 are now available for this one-day program delivered by Proteus Leadership:

**Program dates for 2016**

**February intake**
Program: Tuesday 23 February
Enrol by: 8 January 2016

**May intake**
Program: Tuesday 17 May
Enrol by: 1 April 2016

**June intake**
Program: Tuesday 21 June
Enrol by: 6 May 2016

**August intake**
Program: Tuesday 23 August
Enrol by: 8 July 2016

For information on these two programs and to enrol contact [jbieducation@adelaide.edu.au](mailto:jbieducation@adelaide.edu.au).
Comprehensive Systematic Review Full Training Program (Modules 1, 2 and 3)

Five days
Learn how to conduct reviews using qualitative and quantitative data.

Special intake subject to minimum enrolment requirement:
30 Nov – 4 Dec (Enrol by: 6 November)

Program dates for 2016:
4–8 April (Enrol by: 19 February 2016)
2–6 May (Enrol by: 18 March 2016)
18–22 July (Enrol by: 3 June 2016)
5–9 September (Enrol by: 22 July 2016)

For information and to enrol contact jbieducation@adelaide.edu.au

CSR Module 1: Introduction to Evidence-Based Healthcare and the Systematic Review of Evidence
One day (Mandatory pre-requisite for Modules 2 and 3)

CSR Module 2: The Systematic Review of Quantitative Data from Experimental and Non-experimental Studies
Two days
Program dates for 2016:
5-6 April (Enrol by: 19 February 2016)
3-4 May (Enrol by: 18 March 2016)
19-20 July (Enrol by: 3 June 2016)
6-7 September (Enrol by: 22 July 2016)

CSR Module 3: The Systematic Review of Evidence Generated by Qualitative Research, Narrative and Text
Two days
Program dates for 2016:
7-8 April (Enrol by: 19 February 2016)
5-6 May (Enrol by: 18 March 2016)
21-22 July (Enrol by: 3 June 2016)
8-9 September (Enrol by: 22 July 2016)

2015 JBI International Methodology Symposium
Slides from the 2015 JBI International Methodology Symposium held from 3-4 September 2015 at the Crowne Plaza Adelaide are available on the JBI website under ‘Past JBI Events’.

4th Annual Winter Institute for Comprehensive Systematic Review
Examining Economic Evidence in Health Care
6–8 January 2016
Northeast Institute for Evidence Synthesis and Translation
Rutgers Health Sciences Campus at Newark, NJ, USA
Registration deadline: 16 December 2015
Flyer and more information
UCSF Center for Evidence-Based Patient and Family Care

Clinical Fellowship Program

Week 1: 25–29 January 2016
Week 2: 13–17 June 2016

View the flyer for further information and registration.

3rd NUS-NUH International Nursing Conference and 20th Joint Singapore-Malaysia Nursing Conference

Transforming nursing education and practice in meeting the future needs of the community

18–20 November 2015, Singapore

Call for abstracts: 17 July 2015

See flyer and website for more information.

Scottish Centre for Evidence-based Multi-professional Practice

Comprehensive Systematic Review Training is being offered from 5–9 October 2015

Module 1: Introduction to Evidence-Based Health Care and the Systematic Review of Evidence

Module 1: The Systematic Review of Evidence generated through Quantitative Research

Module 1: The Systematic Review of Evidence generated by Qualitative Research, Narrative and Text

Cost: GBP 500

Venue:
Scottish Centre for Evidence-based Multi-professional Practice
Faculty of Health and Social Care
Robert Gordon University
Garthdee Road, Aberdeen
Scotland, UK
AB10 7QG

For further details please contact Dr Kay Cooper, Deputy Director, on k.cooper@rgu.ac.uk or +44 (0) 1224 262677 or Pamela Kirkpatrick, Director, on p.kirkpatrick@rgu.ac.uk or +44 (0) 1224 263276.
Collaboration Matters

Centre changes

**Australian Centre for Evidence Based Community Care (Queensland)**

Brent Hodgkinson has resigned as the Centre Director at the Australian Centre for Evidence Based Community Care and we thank him for all his efforts in leading the centre. We would also like to welcome Prof Helen McCutcheon h mccutcheon@uq.edu.au as the Acting Centre Director.

**Yangon Centre for Evidence Based Health Care (Myanmar)**

Prof Khin Zaw has retired as the Centre Director at the Yangon Centre for Evidence Based Health Care and we thank Prof Zaw for all of the contributions and efforts with the centre. We welcome May Khin Thein as the incoming Centre Director.

**UCSF JBI Centre for Synthesis and Implementation (San Francisco, USA)**

Please note that the UCSF Center for Evidence-Based Patient and Family Care has undergone a name change. It is now called the UCSF JBI Centre for Synthesis and Implementation.

Travel reimbursement

Please continue to email your supporting travel documentation for reimbursement to jbc@adelaide.edu.au. In order for Finance to process your reimbursement, you will need to complete and return a copy of the transfer form and invoice along with your supporting receipt. The deadline for all travel reimbursements is 1 November 2015.

Committee of Directors meetings

All Directors should have received an email notification that the November teleconferences will not take place due to the recent convening in Adelaide for the 53rd Committee of Directors Meeting.

The next scheduling for regional teleconferences will likely take place in the first quarter of 2016 and further information regarding this will be communicated in the coming months.

New Collaboration Liaison Officer

Please welcome Kelly Lewis, who has joined the Joanna Briggs Institute as the new Collaboration Liaison Officer while Bianca Pilla is on maternity leave. Kelly comes with international experience in media and communications, and multi-disciplinary research collaboration. Kelly will work together with Adriana to support the Collaboration, and she looks forward to interacting with Collaborating Centres.
JBI student graduations

It is always a special time in our institute’s academic calendar, when staff and students put on their academic dress and take part in one of the most prestigious academic events of the year, The University of Adelaide’s Graduating Ceremony.

Last month’s University of Adelaide’s student graduations held on 17 September was a particularly special ceremony for us, with both masters and PhD students of the Joanna Briggs Institute Higher Degree by Research Program completing their degree qualification. The following students received their parchment:

**Kate Davis** - Master of Clinical Science
**Kylie Eddy** - Master of Clinical Science
**Drew Dwyer** - Doctor of Philosophy
**Zhili (Deb) Chen** - Doctor of Philosophy
**Morne’ Scheepers** - also completed, but unable to attend ceremony

We were delighted to have Zhili (Deb) Chen return to Adelaide for her graduation ceremony. Deb completed her PhD in June 2014 with her thesis titled, ‘Chikungunya virus: evidence for global policy, practice and research in disease management, surveillance and mosquito control’, for which she received a high distinction and was a recipient of the Dean’s Commendation. Deb is now employed by Monash Health Services in Melbourne, working as a systematic reviewer for clinical effectiveness. Deb is the youngest PhD completion in JBI at the ripe old age of 26, and we hold a particular fondness for Deb’s
Get your research question right: Kylie Eddy


On her higher degree experience, Kylie writes: ‘I was fortunate to be accepted into the Masters by Research Program beginning in 2013. I chose to conduct a qualitative review and looked forward to researching an area that I was passionate about. Refining my question required significant reflection and finally, after a dozen iterations, I created a question and PICO specific enough to continue to the next stage of my systematic review. I think spending time to get your search question right makes the rest of the process easier.

‘My supervision experience was a very positive one. I believe strongly in self-directed adult learning and regular communication. I would endeavour to try and work out any issues myself and then called upon my two supervisors, Assoc Prof Zoe Jordan and Dr Matt Stephenson, only when necessary to solve problems – CREMS and Endnote come to mind!

‘I am proud to have completed the program and most importantly that my research is influencing my work in a very tangible way, that is, changing practice in my workplace in the future.’

HDR Annual Reviews

With the exception of students enrolled in 2015, or those who submit a thesis to the Adelaide Graduate Centre on or before 31 October 2015, or whose candidature lapses on or before 31 October 2015, or who withdraw from candidature on or before 31 October 2015, all students, including those who are full-time, half-time, remote, or on leave of absence or study leave, must participate in the 2015 Annual Review of Progress in October.

Download the Annual Review form

“Believe in yourself! Have faith in your abilities! Without a humble but reasonable confidence in your own powers you cannot be successful or happy.”

~ Norman Vincent Peale (author)
Susan Bellman’s poster wins award at conference

HDR student Susan Bellman (February 2014 intake) recently presented a poster at the Australian Diabetes Society and Australian Diabetes Educators Association (ADS and ADEA) Annual Scientific Meeting.

This year the annual three-day event was hosted in Adelaide, at the Adelaide Convention Centre on 26–28 August. The agenda consisted of national and international experts promoting and exchanging the latest clinical practices and research in the area of diabetes and its management. Those in attendance enjoyed clinical and scientific lectures, oral and physical poster presentations, and a series of formal debates.

Susan’s poster, titled, ‘The effectiveness of GLP-1 analogues compared to DPP-4 inhibitors for beta cell function and diabetes related complications among adults with type 2 diabetes: a systematic review and meta-analysis’, received the prestigious Roche Best Poster Award at the event.

In pursuing a research career, Susan writes: ‘When I was younger, I never had a carefully planned career path. I just loved to learn and over the years, my love for learning has taken me down a “long and winding road”. I have zig- zagged my way from one university to another first studying for a Bachelor of Pharmacy, and then a Master of Nutrition and Dietetics, with lots of “on the job” training in between. While employed as a diabetes dietitian in Brisbane, I was again drawn to university life. I thought a Graduate Certificate in Diabetes Education and Management would be a formal way to enhance my diabetes knowledge. All of a sudden I had the trifecta; all three degrees complimenting each other as I spent my days talking about “all things diabetes”. I would love to say that this was a thoroughly researched, well-orchestrated plan, but really it was just a “fluke”.

‘After I completed my credentialing in diabetes education, I announced to my family, “No more study for me.”. Then one morning I was flicking through the morning paper, when I saw it. Jumping off the page at me was the question, “Are you a medical, nursing allied health graduate interested in evidence-based healthcare?” “Yes,” I thought to myself, “I am that person.” And so with my long-suffering family’s blessing, I began my JBI experience as I embarked on my Masters of Clinical Science. This experience has been one of many contrasts: exciting times, interesting times, difficult times, frustrating times, and perhaps one of the most challenging things that I have attempted. I have an extremely patient and supportive supervisor, whom I think possibly felt like banging his head on the table in despair some days, but happily for me, cracked a joke instead!

‘A highlight was when my abstract was accepted as a poster presentation at the diabetes scientific meeting. Held in a different state each year, this year was Adelaide’s turn to host the event. A number of awards were presented at the conference, and I was very lucky to receive the Roche Best Poster Award.

‘As I near completion of my Masters, I am currently grappling with my thesis writing. I know however that when my JBI experience comes to an end, I will feel tremendously relieved, but also truly grateful that I have had the opportunity to learn and grow in such a wonderful learning environment.’
Christine Hunt to present at Infection Prevention and Control Conference in Hobart

One of JBI’s own, Christine Hunt (February 2013 Intake), will be presenting at the Australasian College for Infection Prevention and Control (ACIPC) in Hobart, Tasmania on 25 November. Christine will be presenting her systematic review, titled, ‘Risk factors associated with antimicrobial resistant organism carriage in residents of residential aged care facilities’.

The ACIPC Conference 2015 will showcase advances and updates on a number of infection prevention and control topics including compliance with national standards, behavioural aspects of infection prevention, surveillance, outbreak management, emerging infectious diseases and multi-drug resistant organism management. There will be opportunities to hear about the latest infection prevention and control research along with infection prevention and control challenges in acute, community, residential aged care and office base practice settings.

This is a prestigious occasion and we are pleased to have one of our own JBI students present at this event. We wish Christine well with her presentation.
What is quality improvement in healthcare and how does it work?

Understanding that people have feelings and emotions about how changes will affect them is important to creating improvements, as is knowing the psychology of decision making and change.

In the first of a two-part series of blogs, Dr Sreeraj Sasi of Access Health International shares interesting insights into the basics of quality improvement and how to build a cadre of improvement experts to lead this work throughout the healthcare sector.

'Improvement comes from the knowledge and creative actions of people. Understanding how people gain knowledge is important,' he says.

In his second instalment, Dr Sasi cites an example of a QI project he is undertaking in India.

As part of our ongoing work to build capacity for continuous quality improvement within the public and private Indian healthcare system, his organisation partnered with the Children’s Investment Fund Foundation and the Institute for Healthcare Improvement to launch the Improvement Advisor Professional Development Program, the first of its kind in India. The ten-month program which began in March 2015 aims to transform 22 chosen candidates into effective QI leaders.

A role playing activity formed part of the learning for the candidates where they played the role of workers, inspectors and inspector general in a black bean factory that is not allowed to produce white beans.

'This activity provided an effective and interactive means of explaining the concept of flaws that are built into the system but may not be visible to the management. Management often blames employees for not performing well, without noticing these system flaws. The participants learned the importance of identifying and addressing such problems in the system before attempting to implement any quality improvement work,' Dr Sasi says.

As JBI alumni, steering change in your workplace is part of your challenge. Hopefully, these blogs can inspire you in your quest for implementing change:

Part 1: What is quality improvement in healthcare and how does it work?
Part 2: Quality improvement: what it takes to build a cadre of experts