Cochrane Knowledge Translation Taiwan experience

Cliff Chen; Joyce Chen

2019/11/06

Director: Dr. Cliff Chen
Associate Director: Dr. Kelvin Tam
CEO: Dr. Joyce Chen
Advisory: Prof. Ken N. Kuo
Outlines

- Dissemination activities
- Training & Workshops
- Future Activities
- Translation
Dissemination activities

- Training & Workshops
- Future Activities
- Translation
Evidence Based Research Competition

- Time: 2019/10/9 (三)
- Promoting Evidence-Based Medicine and Disseminating Technology Knowledge, Establishing Health and Welfare Biotechnology Electronic Database Sharing Platform in Taiwan
- Evidence Based Medical Competition Award – Between Hospitals which belong to Ministry of Health and Welfare
Internet Celebrity competition for Cochrane Library

- **8/19**: Call for submission
- **9/20**: EBM experts rating
- **9/30**: Awards announced

Total received 12 articles

Contestants choose at least one Cochrane Review from Cochrane Database of Systematic Review (CDSR) and make a video
Awards

Electronic cigarettes for smoking cessation

Music therapy for depression

Psychosocial interventions for erectile dysfunction
The Real World Data of Using MRI for Routine Post-treatment Surveillance in Early Breast Cancer: A Multicenter Evidence

**Background:**

At present, the problem of recurrence of breast cancer still exists, and early diagnosis and treatment are crucial for reducing morbidity and mortality. Early detection and early treatment can help reduce the recurrence and death rate of breast cancer. The exploration of novel methods to effectively measure the occurrences of breast cancer is critical. Traditional mammography, ultrasound, and MRI are the primary screeningmodalities for breast cancer. However, in clinical settings, MRI is not always feasible. The research aims to examine the use of MRI in patients who have been treated for early breast cancer.

**Objectives:**

To investigate the real-world data of using MRI for routine post-treatment surveillance in early breast cancer patients. The aim is to evaluate the significance of MRI in detecting early tumor recurrence and its impact on patient outcomes.

**Methods:**

A retrospective cohort study was conducted, including patients who underwent MRI surveillance after breast cancer treatment. The data was collected from multiple centers across different regions. The primary endpoints were the detection of early tumor recurrence and the impact on patient outcomes.

**Results:**

A total of 2,500 patients received MRI surveillance following breast cancer treatment. The results showed that MRI was superior to mammography in detecting early tumor recurrence. The overall recurrence rate was 10%, with MRI identifying 80% of recurrences compared to 50% for mammography.

**Conclusions:**

MRI surveillance is effective in detecting early tumor recurrence and improving patient outcomes. Further research is needed to validate these findings in larger and more diverse patient populations.

**References:**


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**Effectiveness and Safety of Convex Stoma appliance for ostomy patients: A systematic review**

Ting-Kuang Wang, R.N. Xue-Huan Chen, R.N. PhD, Chen-hsin Chen, M.D.

Nurse practice, Division of Colorectal surgery, Department of Nursing, Wan Fang Hospital, Taipei, Taipei Medical University, Taiwan, Associate Professor, Post-Baccalaureate Program in Nursing, College of Nursing, Taipei Medical University, Taiwan, Chief Executive Officer, Conscience Taiwan, Taiwan, Adjunct Professor, Department of Nursing, Wan Fang Hospital, Taiwan, Director, Evidence-based Knowledge Translation Center, Wan Fang Hospital, Taiwan, Division of Medical surgery, West Fang Hospital, Taiwan, Taipei Medical University, Taiwan.

**Background:**

Among these ostomy patients, experiencing leakage is a common complication. It is also a significant burden on the quality of life. A convex stoma appliance has been widely used to provide clinical practice to reduce the risk of leakage. However, the effects of this device in clinical setting are still controversial. The purpose of this study was to evaluate the effectiveness and safety of convex stoma appliance in leakage, security as well as side-effects.

**Methods:**

A systematic review was performed to identify and report on published studies on the convex stoma appliance. The literature search was conducted using various databases such as PubMed, Embase, Cochrane. A total of 10 articles were included in the review. The results showed that the convex stoma appliance was effective in reducing leakage and improving security. However, there were still some side-effects reported by the patients, such as skin irritation.

**Conclusions:**

The convex stoma appliance is effective in reducing leakage and improving security. However, further research is needed to identify the best practices for its use and to minimize side-effects.

**References:**

2019 Cochrane Colloquium
4 poster submission, 7 participants

Time: 2019/10/22-10/25

With Cochrane Croatia, Poland Group meeting
G-I-N & JBI 2019

• Time: 2019/10/30-11/02
• Adelaide Convention Centre, North Terrace, Adelaide South Australia
• 400 participants
Cochrane Taiwan volunteer translators : 78
Dissemination activities

Training & Workshops

Future Activities

Translation

Engaging partnership
Advanced EBM workshop (SR/GRADE)

• Time: 2019/07/10
• Open to the public
• 37 Participant
• Satisfaction: 4.92(mean)
Evidence Based Medical Seminar - Shared Decision Making

- Time: 2019/08/08
- Open to the public
- 33 Participant
- Satisfaction: 4.98 (mean)
Dissemination activities

Training & Workshops

Future Events

Translation
Future Events

1. 2019/11/22-24  EACA Advanced EBM workshop
   http://www.2019eaca.com

   November 22, 2019
   Frontiers of Systematic Reviewing – latest
   updates to Cochrane Review methodology

   November 23-24, 2019
   Network Meta-analyses (NMA) Workshop
# 2020 Future Events

<table>
<thead>
<tr>
<th>Date</th>
<th>conference</th>
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<tbody>
<tr>
<td>2020/01/08</td>
<td>Choosing Wisely Conference</td>
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<tr>
<td>2020/02/26</td>
<td>A New Vision of Evidence-Based Medicine Conference</td>
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<tr>
<td>2020/3</td>
<td>The Reform of writing and teaching workshop</td>
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<tr>
<td>2020/4</td>
<td>Appraisal tool (RoB 2.0, ROBINS-I) workshop</td>
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<tr>
<td>2020/5</td>
<td>How to search for systematic review workshop</td>
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<tr>
<td>2020/6</td>
<td>Advanced EBM workshop (Systematic Review/ GRADE)</td>
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<tr>
<td>2020/06/09-06/13</td>
<td>Shared Decision Making (Prof. Glyn Elwyn)</td>
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## International Meetings

<table>
<thead>
<tr>
<th>Date</th>
<th>Conference</th>
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<tbody>
<tr>
<td>2020/09/29-10/02</td>
<td>G-I-N (Toronto)</td>
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<tr>
<td>2020/10/04-10/07</td>
<td>Cochrane Colloquium (Toronto)</td>
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<tr>
<td>2020/10/31-11/3</td>
<td>JBI (Shanghai)</td>
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<tr>
<td>2020/11/19-11/20</td>
<td>ICCH 2020 (Paris)</td>
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</table>
2019 Translation activity

- CDSR PLS translations produced and disseminated: 9.7/month (mean)
# Cochrane Library Usage Report

<table>
<thead>
<tr>
<th>Rank</th>
<th>Country</th>
<th>Jan-Aug 2018</th>
<th>Jan-Aug 2019</th>
<th>Change</th>
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<tbody>
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<td>1</td>
<td>Spain*</td>
<td>90,099</td>
<td>530,217</td>
<td>+488.5%</td>
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<tr>
<td>2</td>
<td>Brazil*</td>
<td>186,992</td>
<td>426,231</td>
<td>+127.9%</td>
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<td>3</td>
<td>Taiwan</td>
<td>109,075</td>
<td>215,909</td>
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<td>120,803</td>
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<td>5</td>
<td>India</td>
<td>233,596</td>
<td>382,239</td>
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<td>United States</td>
<td>1,285,319</td>
<td>1,719,048</td>
<td>+33.7%</td>
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*Regions with funded provision

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**Cochrane Library FTA in Taiwan**

![Graph showing Cochrane Library FTA in Taiwan](image)
2019 Media dissemination

- Local social media dissemination: 2019/07/01~2019/10/31

110 Post, 2,971 Click, 54,072 Review, 4,035 Like & Comment
Summary

◆ Language translation is an essential element in knowledge translation.
◆ Multimedia is the future of the presentation of knowledge translation.
Thanks for your attention.