A Description of Motivation and Medication-Taking Behaviors toward Sheng-Hwa-Tang

Hsin-Ying Mao
Department of Midwifery, Fooyin University, Kaohsiung City, Taiwan
Fan-Hao Chou, RN, PhD
School of Nursing, Kaohsiung Medical University, Kaohsiung, Taiwan
Meng-Yu Chen
Department of Nursing, Fooyin University, Kaohsiung City, Taiwan
Shih-Hsien Kuo, RPh, PhD

Basic Medical Science Education Center, Fooyin University, Kaohsiung, Taiwan
Outline

- Research motive
- Research purpose
- Research methods
Outline

- Literature verify
- Research frame
- Research devise
- Assemble assemble
- Exclude assemble
- Research tool
- Research Result
- Research conclusion
- Discuss
- Q&A
Sheng-Hwa-Tang is used to cultivate blood, activate circulation, and “clean blood” for post-partum women in Chinese society. Since its frequent use and valued efficacy in Chinese post-partum care, it’s hard to ignore the profile of post-partum women taking Sheng-Hwa-Tang, especially toward their motivation and medication-taking behaviors. The aim of this study was to describe motivation and medication-taking behaviors toward Sheng-Hwa-Tang among post-partum women.
Research methods

We collected data by a cross-sectional study design with questionnaires. We surveyed 1008 postpartum women which contained natural spontaneous delivery (NSD) and cesarean section (C/S) women (including primipara and multipara) from the northern, midland, and southern Taiwan.
In Chinese traditional, ‘’Sits the time of childbirth ‘’ is mean the postpartum women must at home to rest to advance body recovery.

Traditional Chinese medical opinion postpartum women is week and bad circulated constitution.
Literature verify

- Sheng-Hwa-Tang essential Chinese herbal medicine to from Angelica sinensis (Dang gui), Carthamus tinctorius (Hong hua) and Ligusticum chuanxiong.

- It also can promote uterine conraction and lochia discharge.
In Addition, Sheng-Hwa-Tang have blood cultivation, circulation activation and extravagated blood clean effect,
Posterpartum recuperate emphasize from Sheng-Hwa-Tang
This study use descriptive research to questionnaire postpartum women about motivation and Medication-Taking Behaviors toward Sheng-Hwa-Tang.
Assemble

1. Postpartum women of one month
2. Have no postpartum bleeding or any obstetrics and gynecology complication
3. Vital sign stable
4. Have no medical or hereditary disease
5. Conscious clear and can use Chinese and mother language to express herself
6. Agree to join researcher
Exclude assemble

- Foreign nationality women
- hinder about hearing, psychosis and intellect
# Research Result-Fundamental data

N=1218

<table>
<thead>
<tr>
<th>Age</th>
<th>head count (n, %)</th>
<th>Mean</th>
<th>Standard Deviation</th>
<th>F or t data</th>
<th>P data</th>
<th>LSD</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt; 25 years</td>
<td>114 (9.4)</td>
<td>18.10</td>
<td>3.607</td>
<td>3.989</td>
<td>0.003</td>
<td>1&lt;3</td>
</tr>
<tr>
<td>26-30 years</td>
<td>444 (36.5)</td>
<td>17.26</td>
<td>3.839</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>31-35 years</td>
<td>483 (39.7)</td>
<td>16.67</td>
<td>3.706</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>36-40 years</td>
<td>157 (12.9)</td>
<td>16.94</td>
<td>3.448</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>&gt;41 years</td>
<td>20 (1.6)</td>
<td>16.60</td>
<td>4.558</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Research Result-Fundamental data

N=1218

<table>
<thead>
<tr>
<th>Education</th>
<th>Head Count (n,%)</th>
<th>Mean</th>
<th>Standard Deviation</th>
<th>F for t data</th>
<th>P data</th>
<th>LSD</th>
</tr>
</thead>
<tbody>
<tr>
<td>junior high school (1)</td>
<td>19 (1.6)</td>
<td>17.74</td>
<td>4.581</td>
<td>3.528</td>
<td>0.007</td>
<td>2&gt;4</td>
</tr>
<tr>
<td>senior high school (2)</td>
<td>331 (27.2)</td>
<td>17.57</td>
<td>3.859</td>
<td></td>
<td></td>
<td>2&gt;5</td>
</tr>
<tr>
<td>junior college (3)</td>
<td>326 (26.7)</td>
<td>17.17</td>
<td>3.868</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>College (4)</td>
<td>421 (34.5)</td>
<td>16.68</td>
<td>3.585</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>graduate School (5)</td>
<td>121 (9.9)</td>
<td>16.50</td>
<td>3.344</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Research Result - Fundamental data

N=1218

<table>
<thead>
<tr>
<th>Religion</th>
<th>head count (n, %)</th>
<th>Mean</th>
<th>Standard Deviation</th>
<th>F or t data</th>
<th>P data</th>
<th>LSD</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>604 (49.5)</td>
<td>11.17</td>
<td>1.925</td>
<td>5.075</td>
<td>0.000</td>
<td>1&lt;4</td>
</tr>
<tr>
<td>Christian</td>
<td>53 (4.3)</td>
<td>11.50</td>
<td>1.847</td>
<td></td>
<td></td>
<td>1&lt;5</td>
</tr>
<tr>
<td>Catholicism</td>
<td>16 (1.3)</td>
<td>11.40</td>
<td>2.165</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Buddhism</td>
<td>302 (24.9)</td>
<td>11.76</td>
<td>1.695</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Taoism</td>
<td>243 (19.9)</td>
<td>11.55</td>
<td>1.704</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Research results

This study found that the most motivation were efficacy to participants’ body of Sheng-Hwa-Tang and to promote health and prevent diseases subsequently (11.41±1.84 vs. 15 of total score and 17.06 vs. 30 of total score, respectively). Factors that affect behaviors of taking Sheng-Hwa-Tang were self-initiated to use, mother or mother-in-law driving to use, and follow the tradition to use Sheng-Hwa-Tang. Yet, was there noteworthy that post-partum women revealed the “negotiation” behavior that take uterine contractives (such as ergonovine) and Sheng-Hwa-Tang at the same time (9.1±2.43 vs. 15 of total score), even both has the same effects of uterus contraction that will be dangerous to post-partum women.
The results showed that Chinese post-partum women have strong motivation to use Sheng-Hwa-Tang, such as they valued the efficacy to the reconstruction women body constitution and promotion of health, yet controversially, more “passive” behavior to medication-taking behaviors, such as being drived to use and “negotiation” between traditional medicine and modern western medicine conflict. These results may be adapted into post-partum nursing care to ensure women health condition in post-partum period.
Thank you for attention!