

Appendix 1. Electronic databases and manually searched journals for literature search

| Title   | URL  | Feature   |
|---|--|---|
| <b>Electronic database</b>                            |  |   |
| National Assembly Library                             | <a href="http://www.nanet.go.kr">www.nanet.go.kr</a>         | Books, articles, dissertations, electronic data, etc. in all fields   |
| Research Information Sharing Service                  | <a href="http://www.riss4u.net">www.riss4u.net</a>           | Journals articles and dissertations of nationwide universities        |
| Korean Studies Information Service System             | <a href="http://kiss.kstudy.com">kiss.kstudy.com</a>         | Domestic journal articles in all fields                               |
| DBPIA   | <a href="http://www.dbpia.co.kr">www.dbpia.co.kr</a>         | Domestic journal articles in all fields                               |
| Korean Medical Database                               | <a href="http://kmbase.medric.or.kr">kmbase.medric.or.kr</a> | Domestic journal articles in health and medical fields                |
| KoreaMed  | <a href="http://www.koreamed.org">www.koreamed.org</a>       | Bibliography and abstract of domestic medical journals in English     |
| Korea Institute of Science and Technology Information | <a href="http://www.kisti.re.kr">www.kisti.re.kr</a>         | Domestic and international journal articles in science and technology |
| OASIS   | <a href="http://oasis.kiom.re.kr">oasis.kiom.re.kr</a>       | Journal articles and statistical reports in Korean medicine           |
| National Digital Library                              | <a href="http://www.dlibrary.go.kr">www.dlibrary.go.kr</a>   | Integrated linkage of main libraries and databases of Korea           |

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| Korean Traditional Knowledge Portal                           | <a href="http://www.koreantk.com">www.koreantk.com</a>     | Articles and information in Korean medical field       |
| Research Information Center for Health                        | <a href="http://www.richis.org">www.richis.org</a>         | Articles of 90 journals in nursing or health           |
| <b>Journal</b>  |  |  |
| The Journal of Korean Acupuncture & Moxibustion Society       | <a href="http://www.acumoxa.or.kr">www.acumoxa.or.kr</a>   | Articles related to Korean acupuncture and moxibustion |
| Journal of Oriental Rehabilitation Medicine                   | <a href="http://www.ormkorea.org">www.ormkorea.org</a>     | Articles related to Korean rehabilitation medicine     |
| Journal of Korean Oriental Medical Society                    | <a href="http://www.koms.or.kr">www.koms.or.kr</a>         | Articles in all fields of Korean medicine              |
| Journal of Meridian & Acupoint                                | <a href="http://www.acupoint.org">www.acupoint.org</a>     | Articles related to meridian & acupuncture point       |
| The Journal of Korea CHUNA Manual Medicine for Spine & Nerves | <a href="http://www.chuna.or.kr">www.chuna.or.kr</a>       | Articles related to <i>Chuna</i> manipulation          |
| Korean Journal of Oriental Physiology & Pathology             | <a href="http://www.ksomp.or.kr">www.ksomp.or.kr</a>       | Articles related to Oriental Physiology & Pathology    |
| The Journal of Oriental Obstetrics & Gynecology               | <a href="http://www.oobgy.or.kr">www.oobgy.or.kr</a>       | Articles related to Oriental Obstetrics & Gynecology   |
| Journal of Ginseng Research                                   | <a href="http://www.ginsengres.org">www.ginsengres.org</a> | Articles related to Ginseng therapy                    |
| Journal of Korean Oriental Internal Medicine                  | <a href="http://www.oim.or.kr">www.oim.or.kr</a>           | Articles related to Korean internal medicine           |

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| The Korea Association of Herbology                       | <a href="http://www.herbology.or.kr">www.herbology.or.kr</a>               | Articles related to Herbal medicine        |
| The Journal of Korean Academy of Medical Gi-gong         | <a href="http://www.gigong.or.kr">www.gigong.or.kr</a>                     | Articles related to medical gi-gong        |
| Korean Academy of University Trained Physical Therapists | <a href="http://www.kosome.or.kr">www.kosome.or.kr</a>                     | Articles related to physical therapy       |
| The Korean Academy of Physical Therapy Science           | <a href="http://www.kpt.or.kr">www.kpt.or.kr</a>                           | Articles related to physical therapy       |
| Journal of Biomedical Engineering Research               | <a href="http://www.kosome.or.kr">www.kosome.or.kr</a>                     | Articles related to biomedical engineering |
| Journal of Pharmacopuncture                              | <a href="http://www.pharmacopuncture.co.kr">www.pharmacopuncture.co.kr</a> | Articles related to pharmacopuncture       |
| The Korean Pain Society                                  | <a href="http://www.painfree.or.kr">www.painfree.or.kr</a>                 | Articles related to pain                   |

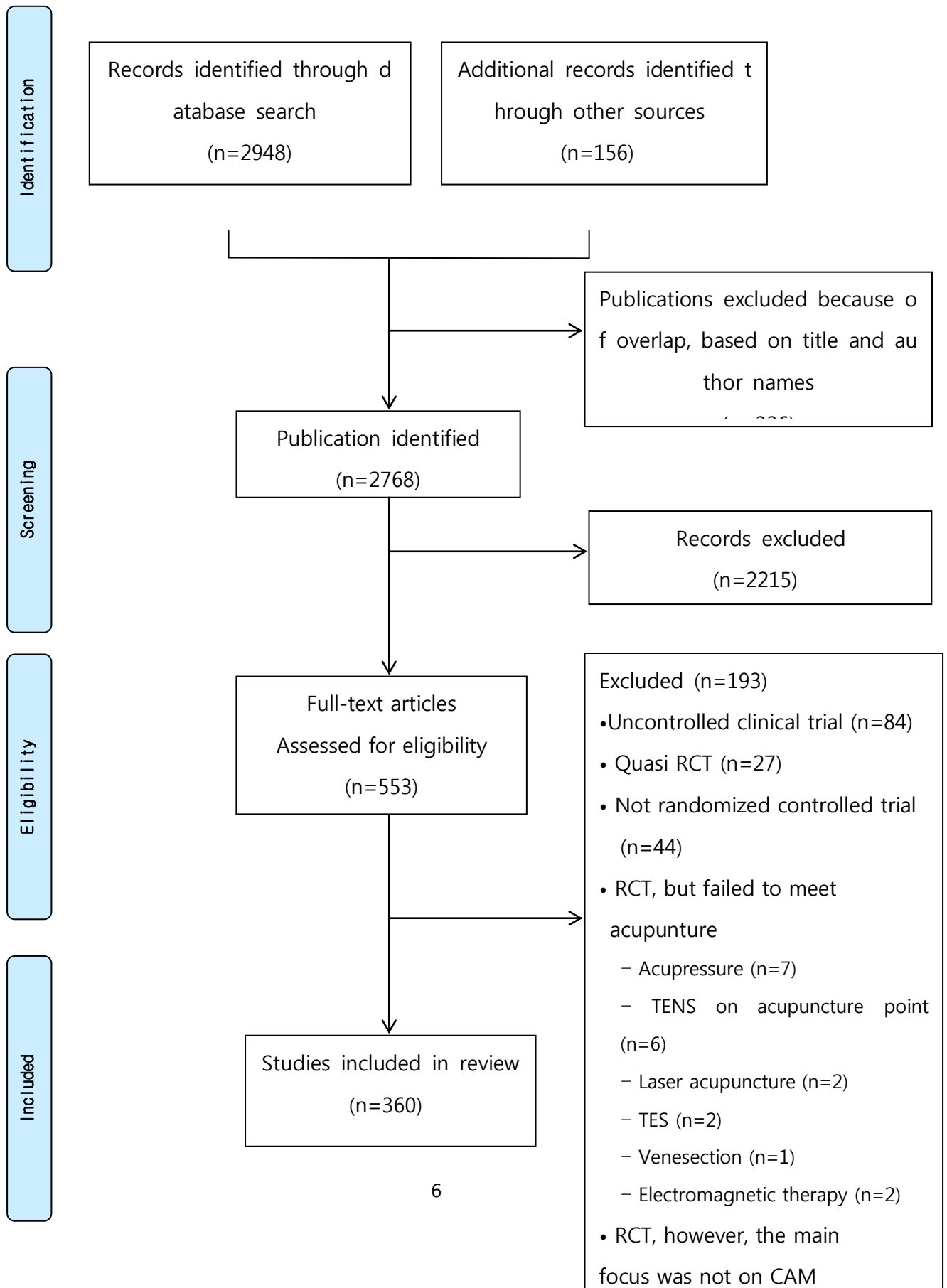
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Appendix 2. Search term for used electronic databases

| <b>CAM category</b>               | <b>SEARCH TERM USED FOR ELECTRONIC DATABASE</b>                                   |
|-----------------------------------|---|
| <b>1. Natural Products</b>        |   |
| Herbal medicine                   | '(herbal medicine OR herb OR herbal) AND (randomized OR controlled)'              |
| Ginseng therapy                   | '(ginseng) AND (randomized OR controlled)'  |
| Vitamin                           | '(vitamin) AND (randomized OR controlled)'  |
| Diet-based therapy                | '(diet OR biological) AND (randomized OR controlled)'                             |
| <b>2. Mind and Body Practices</b> |   |
| Acupuncture                       | '(acupuncture OR acupuncture point OR meridian)<br>AND (random OR control)'       |
| Pharmaco acupuncture              | '(Pharmaco acupuncture OR Pharmaco acup* OR meridian)<br>AND (random OR control)' |
| Qigong                            | '(energy therapy OR qigong OR training) AND (randomized OR controlled)'           |
| Magnet                            | '(magnet) AND (randomized OR controlled)'   |
| Tuina technique                   | '(tunia OR chuna ) AND (randomized OR controlled)'                                |
| Moxibustion therapy               | '(moxibustion ) AND (random OR control)'  |
| Massage                           | '(massage ) AND (randomized OR controlled)'                                       |
| Taping technique                  | '(taping ) AND (randomized OR controlled)'  |
| Cupping therapy                   | '(cupping ) AND (random OR control)'  |
| Meditation                        | '(meditation OR mind-body) AND (randomized OR controlled)'                        |
| Yoga                              | '(yoga ) AND (randomized OR controlled)'  |
| Aroma therapy                     | '(aroma ) AND (randomized OR controlled)'   |
| Tai chi                           | '(tai-chi) AND (randomized OR controlled)'  |



Appendix3. PRISMA flow diagram of the literature search



Appendix 4. Number of complementary and traditional medicine randomised clinical trials in the Korean literature published by journal.

| Journal field   | Natural Products |                 |                            | Mind and Body Practices |                      |               |                 |                     |          |                  |                 |  | Total      |
|---|------------------|-----------------|----------------------------|-------------------------|----------------------|---------------|-----------------|---------------------|----------|------------------|-----------------|--|------------|
|   | Herbal medicine  | Ginseng therapy | Vitamin diet-based therapy | Acupuncture             | Pharmaco acupuncture | Qigong Magnet | Tuina technique | Moxibustion therapy | Massage  | Taping technique | Cupping therapy | Meditation<br>Tai chi<br>Yoga<br>Aroma therapy |            |
| <b>Traditional Korean medicine</b>                              | <b>30</b>        | <b>14</b>       | <b>2</b>                   | <b>122</b>              | <b>67</b>            | <b>6</b>      | <b>17</b>       | <b>11</b>           | <b>2</b> | <b>4</b>         | <b>5</b>        | <b>2</b>                                       | <b>282</b> |
| The Journal of Korean Acupuncture and Moxibustion society       |                  |                 |                            | 64                      | 30                   |               | 2               | 3                   |          | 1                | 1               |  | 101        |
| Journal of Oriental Rehabilitation Medicine                     | 3                |                 | 1                          | 19                      | 6                    | 3             | 8               |                     |          | 2                | 2               | 1  | 45         |
| Korean Pharmacopuncture institute                               |                  |                 |                            |                         |                      | 24            |                 |                     |          |                  |                 |  | 24         |
| Journal of Korean Oriental Medical Society                      | 6                |                 |                            | 8                       | 1                    |               |                 | 2                   |          | 1                | 2               |  | 20         |
| Journal of Korean Oriental Internal Medicine                    | 7                |                 |                            | 5                       | 1                    |               |                 | 2                   |          |                  |                 | 1  | 16         |
| Journal of Meridian and Acupoint                                |                  |                 |                            | 10                      | 1                    |               |                 |                     |          |                  |                 |  | 11         |
| The Journal of Korea Chuna Manual Medicine for Spine and Nerves |                  |                 |                            | 3                       | 1                    |               | 6               |                     |          |                  |                 |  | 10         |
| Korean Journal of Oriental Physiology & Pathology               | 4                | 3               |                            | 1                       |                      |               |                 | 1                   |          |                  |                 |  | 9          |
| The Journal of Oriental Obstetrics and Gynecology               | 1                | 1               |                            | 4                       | 2                    |               |                 | 1                   |          |                  |                 |  | 9          |
| Journal of Ginseng Research                                     |                  | 7               |                            |                         |                      |               |                 |                     |          |                  |                 |  | 7          |



|  |   |   |  |   |   |   |           |  |   |  |  |  |           |
|--|---|---|--|---|---|---|-----------|--|---|--|--|--|-----------|
| Journal of Oriental Neuropsychiatry  |   |   |  | 6 | 1 |   |           |  |   |  |  |  | 7         |
| The Korean Oriental Medical Ophthalmology & Otolaryngology & Dermatology Society | 5 |   |  |   |   |   |           |  | 1 |  |  |  | 6         |
| Society of Korean Medicine for Obesity Research                                  | 2 | 1 |  |   |   |   |           |  |   |  |  |  | 3         |
| The Journal of Korean Academy of Medical Gi-gong                                 |   |   |  |   |   | 3 |           |  |   |  |  |  | 3         |
| The Korea Association of Herbology   | 1 | 1 |  |   |   |   |           |  |   |  |  |  | 2         |
| The Korean Society for Oriental Preventive Medicine                              |   |   |  |   |   |   |           |  | 2 |  |  |  | 2         |
| Korean Journal of Oriental Medicine  |   |   |  | 1 |   |   |           |  |   |  |  |  | 1         |
| Journal of Oriental Medicine   |   |   |  | 1 |   |   |           |  |   |  |  |  | 1         |
| The Korean Journal Of Oriental Medical Prescription                              | 1 |   |  |   |   |   |           |  |   |  |  |  | 1         |
| Society of Sports Korean Medicine  |   |   |  |   |   |   | 1         |  |   |  |  |  | 1         |
| Korean Pharmacopuncture institute  |   |   |  |   |   |   |           |  | 1 |  |  |  | 1         |
| Ginseng society  |   | 1 |  |   |   |   |           |  |   |  |  |  | 1         |
| Traditional Medicine Research of Deajeon University                              |   |   |  | 1 |   |   |           |  |   |  |  |  | 1         |
| <b>Sports society</b>  |   |   |  |   |   |   | <b>16</b> |  |   |  |  |  | <b>16</b> |
| Korea Sports Research  |   |   |  |   |   |   | 7         |  |   |  |  |  | 7         |
| Korean Society of Sport And Leisure Studies                                      |   |   |  |   |   |   | 4         |  |   |  |  |  | 4         |



|   |  |  |  |           |  |          |          |  |          |          |  |  |          |           |
|---|--|--|--|-----------|--|----------|----------|--|----------|----------|--|--|----------|-----------|
| Korean Society For Hospice And Palliative Care            |  |  |  |           |  |          |          |  | 1        |          |  |  |          | 1         |
| The Korean Journal of Thoracic and Cardiovascular Surgery |  |  |  | 1         |  |          |          |  |          |          |  |  |          | 1         |
| <b>Physical therapy</b>                                   |  |  |  | <b>3</b>  |  |          |          |  | <b>1</b> |          |  |  |          | <b>4</b>  |
| The Korean Academy of Physical Therapy Science            |  |  |  | 2         |  |          |          |  | 1        |          |  |  |          | 3         |
| Korean Academy of University Trained Physical Therapists  |  |  |  | 1         |  |          |          |  |          |          |  |  |          | 1         |
| <b>Nutrition society</b>                                  |  |  |  | <b>3</b>  |  |          |          |  |          |          |  |  |          | <b>3</b>  |
| The Korean Society of Food Science and Nutrition          |  |  |  | 1         |  |          |          |  |          |          |  |  |          | 1         |
| The Korean journal of Nutrition                           |  |  |  | 2         |  |          |          |  |          |          |  |  |          | 2         |
| <b>Others</b>   |  |  |  | <b>1</b>  |  |          | <b>3</b> |  | <b>3</b> | <b>2</b> |  |  | <b>2</b> | <b>11</b> |
| The Korea Academia-Industrial cooperation Society         |  |  |  |           |  |          |          |  | 1        | 2        |  |  | 1        | 4         |
| The Korean Society of Jungshin Science                    |  |  |  |           |  |          | 3        |  |          |          |  |  |          | 3         |
| Journal of Biomedical Engineering Research                |  |  |  | 1         |  |          |          |  | 1        |          |  |  |          | 2         |
| Korean Society for Emotion & Sensibility                  |  |  |  |           |  |          |          |  |          |          |  |  | 1        | 1         |
| Korea Coaching Development Research                       |  |  |  |           |  |          |          |  | 1        |          |  |  |          | 1         |
| <b>Studies not published in journals</b>                  |  |  |  | <b>15</b> |  | <b>3</b> | <b>5</b> |  |          |          |  |  | <b>1</b> | <b>24</b> |
| Master's thesis   |  |  |  | 11        |  | 3        | 2        |  |          |          |  |  | 1        | 17        |
| PhD thesis  |  |  |  | 4         |  |          | 3        |  |          |          |  |  |          | 7         |

|       |    |    |   |     |    |    |    |    |    |   |   |    |     |
|-------|----|----|---|-----|----|----|----|----|----|---|---|----|-----|
| total | 30 | 19 | 5 | 144 | 70 | 31 | 17 | 12 | 10 | 7 | 5 | 10 | 360 |
|-------|----|----|---|-----|----|----|----|----|----|---|---|----|-----|

Appendix 5. Complementary and Traditional medicine RCTs included in bibliometric analysis and quality assessment ( N = 360 )

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**Randomized Clinical Trials on Acupuncture in Korean Literature:**

**Bibliometric Analysis and Methodological Quality (N=144)**

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| No | Included article  |
|----|---|
| 1  | C. W. Seung, "Clinical Report on the Comparing with Acupuncture and Herb-Decoction Treatment of Aural Vertigo Causes by Phlegm and Dampness [in English]," <i>The Journal of Korean Acupuncture &amp; Moxibustion Society</i> , vol. 6, no. 1, pp. 41-50, 1989. |
| 2  | Y. S. Kim, C. H. Kim, and K. S. Kim, "Effect of Auricular Acupuncture on Postoperative Nausea and Vomiting [in English]," <i>The Journal of Korean Oriental Medical Society</i> , vol. 17, no. 2, pp. 331-336, 1996.  |
| 3  | K. S. Cho, S. C. Kim, J. Y. Lee, S. S. Sohn, and D. S. Park, "The Effect of Acupuncture on the Post-Thoracotomy Pain Control [in Korean]," <i>The Korean Journal of Thoracic and Cardiovascular Surgery</i> , vol. 30, no. 2, pp. 187-194, 1997.                |
| 4  | H. C. Ko, W. H. Cho, and S. S. Han, "Effect of Microcurrent Electrical Neuromuscular Stimulation of Auricular and Somatic Acupuncture Points on Experimental Pressure Threshold [in Korean]," <i>Physical Therapy Korea</i> , vol. 4, no. 2, pp. 36-50, 1997.   |
| 5  | S. H. Lee, and Y. H. Lee, "Clinical Study with Thermography on Shoulder Hand Syndrome after Stroke [in Korean]," <i>The Journal of Korean Oriental Medical Society</i> , vol. 18, no. 1, pp. 25-39, 1997.   |
| 6  | S. R. Cheon, and E. S. Lee, "The Effects of the Magnetic Therapy Treated on Acupuncture Points for Recovery from Fatigue with before and after Exercise [in Korean]," <i>Journal of Oriental Rehabilitation Medicine</i> , vol. 8, no. 1, pp. 158-170, 1998.    |
| 7  | J. C. Seo, W. J. Chung, J. H. Kim, et al., "The Effect of Cranial and Penetrational Acupuncture on Recovery of Motor Disorder due to Stroke [in English]," <i>Journal of Oriental Medicine</i> , vol. 3, no. 1, pp. 19-27, 1998.                                |
| 8  | T. S. Park, J. S. Park, and M. Y. Ko, "A Clinical Effect of Electro-Acupuncture Stimulation Therapy on TMD Patients [in English]," <i>The Journal of Korean Academy of Craniomandibular Disorders</i> , vol. 11, no. 2, pp. 103-111, 1999.                      |
| 9  | Y. S. Kim, "Antispastic Effects of Electroacupuncture, TENS and NMES in Stroke Patient [in Korean]," <i>The Journal of Korean Acupuncture &amp; Moxibustion Society</i> , vol. 17, no. 2, pp. 209-220, 2000.  |
| 10 | W. K. You, and M. J. Lee, "The Effects of Auricular Acupuncture for Obesity on the Change of Hormone and Energy Metabolism during Weight Control of Veteran Taekwondo Players [in Korean]," <i>Journal of Oriental Rehabilitation Medicine</i> , vol. 10,       |

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no. 1, pp. 133-145, 2000.

- 11 S. J. Chae, N. O. Kim, Y. C. Park and S. S. Son, "Comparison of the Improvement of Subjective Symptoms between Body Acupuncture Group & 8 Constitution Acupuncture Group [in Korean]," *The Journal of Korean Acupuncture & Moxibustion Society*, vol. 18, no. 3, pp. 48-55, 2001.
- 12 S. I. Kang, C. W. Lim, W. T. Park, W. R. So, M. J. Song, and Y. S. Kim, "The Clinical study of acupuncture and moxibustion therapy on ch'ŏnch'u(ST25) for constipation [in Korean]," *The Journal of Korean Acupuncture & Moxibustion Society*, vol. 18, no. 6, pp. 125-134, 2001.
- 13 S. H. Ryu, "Effect of Electroacupuncture Stimulation on the Hemiplegic Upper Extremity after Stroke [in Korean]," *Master's thesis: KyungHee Univeristy*, 2001.
- 14 S. M. Ryu, J. S. Hwang, and E. K. Rhu, "The Clinical Effect on Low Back Pain by Young-gol and Dae-back Acupuncture Points [in Korean]," *Journal of Oriental Rehabilitation Medicine*, vol. 12, no. 4, pp. 1-10, 2001.
- 15 B. S. Chang, K. S. Jin, J. W. Kim, et al., "Clinical Study on The Remedial Effect of Oriental Medicine Used EAV(Meridian) [in Korean]," *The Journal of Korean Acupuncture & Moxibustion Society*, vol. 19, no. 6, pp. 80-96, 2002.
- 16 J. S. Hwang, S. M. Ryu, and E. K. Rhu, "The Clinical Study on the Dong-Si Acupuncture Treatment at the Acute Ankle Sprain [in Korean]," *Journal of Oriental Rehabilitation Medicine*, vol. 12, no. 3, pp. 123-129, 2002.
- 17 H. B. Joung, and S. B. Bang, "Effects of Electrotherapy on the Deactivation of Trigger points [in Korean]," *The Korean Academy of Physical Therapy Science*, vol. 9, no. 2, pp. 123-131, 2002.

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**Randomized Clinical Trials on Acupuncture in Korean Literature:**

**Bibliometric Analysis and Methodological Quality**

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| No | Included article  |
|----|---|
| 18 | K. O. Min, S. H. Kim, and S. J. Park, "The Effect of the Needle Electrode Electrical Stimulation in the Auricular Therapy on the smokers and non-smokers with Low Back Pain [in Korean]," <i>The Korean Academy of Physical Therapy Science</i> , vol. 9, no. 1, pp. 45-52, 2002. |
| 19 | S. H. Ryu, K. S. Lee, T. K. Kim, et al., "Effects of Electroacupuncture on the Hemiplegic Upper Extremity after Stroke [in Korean]," <i>The Journal of Korean Oriental Medical Society</i> , vol. 23, no. 2, pp. 180-189, 2002.   |
| 20 | D. Y. Choi, D. I. Lee, S. Y. Kim, K. S. Kim, J. D. Lee, and Y. H. Lee, "Specific Electric   |

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- Acupuncture for the Management of Central Poststroke Pain [in Korean]," *The Korean Pain Society*, vol. 13, no. 1, pp. 74-80, 2003.
- 21 S. J. Kim, M. S. Kim, D. Y. Son, et al., "Effects of Acupuncture Stimulation on Current Perception Threshold in Healthy Adults : Single-blind, Randomized Controlled Trial [in Korean]," *Journal of Oriental Rehabilitation Medicine*, vol. 13, no. 3, pp. 29-38, 2003.
- 22 S. U. Kim, J. S. Lee, S. S. Kim, H. D. Shin, and S. H. Chung, "The Effect of Microcurrent Electrical Neuromuscular Stimulation on Stress-related Hormones [in Korean]," *Journal of Oriental Rehabilitation Medicine*, vol. 13, no. 4, pp. 1-18, 2003.
- 23 K. M. Lee, S. Y. Lee, S. W. Kim, et al., "Is It possible To Apply Placebo Auricular Acupuncture to Korean? [in Korean]," *The Journal of Korean Acupuncture & Moxibustion Society*, vol. 20, no. 2, pp. 145-160, 2003.
- 24 W. J. Sim, S. H. Jung, and S. S. Kim, , "Specific Electric Acupuncture for the Management of Central Poststroke Pain [in Korean]," *The Journal of Oriental Rehabilitation Medicine*, vol. 13, no. 1, pp. 95-111, 2003.
- 25 S. J. Chae, and H. S. Song "The Effect of 8 Constitution Acupuncture on degenerative arthritis of knee joint [in Korean]," *Journal of Korean Acupuncture & Moxibustion Society*, vol. 21, no. 4, pp. 65-73, 2004.
- 26 I. T. Jung, S. Y. Kim, K. S. Kim, et al., "A clinical study of Aroma Acupuncture on chronic headache patients [in Korean]," *Journal of Korean Acupuncture & Moxibustion Society*, vol. 21, no. 5, pp. 123-136, 2004.
- 27 S. Kwak, W. J. Choi, S. G. Lee, and K. M. Park, "The Effects of Acupuncture Stimulation and Progressive Relaxation Therapy on Examination Stress of Students [in Korean]," *The Korean Journal of Meridian & Acupoint*, vol. 21, no. 2, pp. 161-176, 2004.
- 28 C. W. Lee, I. B. Park, S. W. Kim, et al., "The Effect of Acupuncture and Dong's Acupuncture about Bell'palsy [in Korean]," *Journal of Korean Acupuncture & Moxibustion Society*, vol. 21, no. 2, pp. 287-300, 2004.
- 29 S. H. Lee, E. J. Kim, S. P. Yun, et al., "The Effect of Intradermal Acupuncture on The Patients suffering from Insomnia after Stroke [in Korean]," *Journal of Korean Oriental Internal Medicine*, vol. 25, no. 1, pp. 138-148, 2004.
- 30 S. C. Lim, J. C. Seo, K. U. Kim, et al., "The Comparison Of Acupuncture Sensation Index Among Three Different Acupuncture Devices [in Korean]," *Journal of Korean Acupuncture & Moxibustion Society*, vol. 21, no. 6, pp. 209-219, 2004.
- 31 J. S. Park, W. Y. Kim, S. T. Baek, S. D. Lee and K. S. Kim, "Comparison of Superficial and Deep Acupuncture in the Treatment of Ankle sprain : A Randomized Controlled Trial-Pilot study [in Korean]," *Journal of Korean Acupuncture & Moxibustion Society*,
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vol. 21, no. 5, pp. 137-147, 2004.

- 32 B. J. An, and H. S. Song, "Effect of Electroacupuncture on Patients with Peripheral Facial Paralysis [in Korean]," *Journal of Korean Acupuncture & Moxibustion Society*, vol. 22, no. 4, pp. 121-129, 2005.
- 33 D. T. Choi, S. Lim, M. H. Cha, et al., "Effect on pain behavior in non-medicinal treatment applied to chronic headache patients [in Korean]," *The Korean Journal of Meridian & Acupoint*, vol. 22, no. 1, pp. 55-66, 2005.
- 34 M. B. Kim, H. D. Shin, and S. S. Kim, "The Influences of Electroacupuncture at Interosseous Muscle for Hand Function in Hemiplegic Patients after Stroke [in Korean]," *The Journal of Oriental Rehabilitation Medicine*, vol. 15, no. 4, pp. 17-28, 2005.

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**Randomized Clinical Trials on Acupuncture in Korean Literature:**

**Bibliometric Analysis and Methodological Quality**

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| No | Included article   |
|----|--|
| 35 | S. C. Kim, S. N. Kim, J. A. Lim, et al., "Effect of Acupuncture Treatment on the Premenstrual Syndrome : Controlled Clinical Trial [in Korean]," <i>Journal of Korean Acupuncture &amp; Moxibustion Society</i> , vol. 22, no. 1, pp. 41-60, 2005.                                       |
| 36 | S. K. Ko, H. G. Song, E. M. Kim, et al., "The Effect of Acupuncture Treatment on the Lumbar Extensor Muscle Flexibility [in Korean]," <i>Journal of Korean Acupuncture &amp; Moxibustion Society</i> , vol. 22, no. 5, pp. 79-90, 2005.  |
| 37 | H. S. Lee, J. S. Lee, and S. S. Kim, "The Comparison of Effectiveness in Electroacupuncture between Dong-si Acupoint and Body Acupoint in Hemiplegic Patients after Acute Stroke [in Korean]," <i>The Journal of Oriental Rehabilitation Medicine</i> , vol. 15, no. 4, pp. 55-64, 2005. |
| 38 | J. H. Lee, "The effect of combined treatment with ultrasound and electro-lipolysis acupuncture on the change of figure in obese women [in Korean]," <i>Master's thesis: YongIn University</i> , 2005   |
| 39 | J. W. Lee, "A Randomized Controlled Trial of Acupuncture Effect of Kuesu-point(快愈穴) on Lower back pain and sciatica [in Korean]," <i>Master's thesis: DongGuk University</i> , 2005.   |
| 40 | K. H. Lee, M. S. Kang, and H. S. Song, "A Clinical Study on the Effects of Acupuncture at Sang-Baek for Patients with Sprain of the Wrist Joint [in Korean]," <i>The Journal of Korean Acupuncture &amp; Moxibustion Society</i> , vol. 22, no. 6, pp. 211-217, 2005.                    |

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- 9 C.S.Y, L.C.H, J.J.Y, et al, " Effects of Ephedra on Weight Loss and Heart Rate Variability : A Double-Blind Randomized Controlled Pilot Study [in Korean]," *The Journal of Korean Oriental Internal Medicine*, vol.27, no,4, pp.836-844, 2006.
- 10 D.S.H, M.W.P, H.N.C, et al, " Effects of Mokhyangsaenghwa-tang geverage on Postpartum Recovery and Lactation [in Korean]," *The Journal of Oriental Obstetrics and Gynecology*, vol.19, no.4, pp.216-224, 2006.
- 11 D.H.S, L.C.H, L.H.K, et al, " Effect of Mahuang on Heart Rate Variability in Adults: a Double-Blind, Placebo-Controlled, Randomized Trial [in Korean]," *Journal of Korean Oriental Internal Medicine*, vol. 28, no. 1, pp. 105-116, 2007.
- 12 S.H.S, J.H.K, M.B.K, et al, " A Clinical Research about the Effects of Seunggaltang on Patients with Atopic Dermatitis [in Korean]," *The Journal of Korean Oriental Medical Ophthalmology & Otolaryngology & Dermatology* vol.20, no.2, pp.199-212, 2007.
- 13 C.H.K, D.S.H, J.T.K, et al, " A Randomized Study, Double-Blind, Placebo-Controlled Study to Herbal Shampoo & Essence about Dandruff [in Korean]," *The Journal of Korean Oriental Medical Ophthalmology & Otolaryngology & Dermatology*, vol.20, no.3, pp.222-235,2007.
- 14 J.J.Y, L.C.H, C.S.Y, et al, " Effects of Mahuang fo Weight Loss in Healthy Adults : A Double-Blind, Controlled, Randomized, Clinical Trial [in Korean]," *Journal of Korean Oriental Medical Society*, vol.28, no.1, pp.63-71, 2007.
- 15 L.C.H, C.S.Y, T.H.L, et al, " Short-Term Effects of Mahuang on State-Trait Anxiety According to Sasang Constitution Classification : A Double-Blind Randomized Controlled Trial [in Korean]," *Journal of Korean Oriental Internal Medicine*, vol.28, no.1, pp.106-114, 2007.
- 16 C.S.Y, L.C.H, H.S.J, et al, " Effects of Ephedra on the State-Trait Anxiety in Female Adults : A Double-Blind Randomized Controlled Study [in Korean]," *Journal of Korean Oriental Internal Medicine*, vol.28, no.2, pp.346-353, 2007.
- 17 D.C.Y, H.T.K, E.H.K, et al, " Clinical Research of Atopic Dermatitis Treated by Hwangryeonhaedok-Tang in Cosmetics [in Korean]," *Korean Journal of Oriental Physiology & Pathology e*, vol. 22, no. 6, pp. 1611-1620, 2008.

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**Randomized Clinical Trials on Herbal Medicine in Korean Literature:**

**Bibliometric Analysis and Methodological Quality**

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No

Included article

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- 18 S.H.K, D.C.Y, H.T.K, et al., " A Clinical Research of Atopic Dermatitis treated by Yeongyuseungmatang in cosmetics [in Korean]," *The Journal of Korean Oriental Medical Ophthalmology & Otolaryngology & Dermatology*, vol. 21, no. 2, pp. 126-141, 2008.
- 19 H.H.B, W.C.K, Y.C.P, et al, " Effectiveness of a Yeonkyopaedok-san Extract in the Treatment of The Common Cold : Results of a Community-based, Double Blind, Randomized Placebo Controlled Trial [in Korean]," *Korean Journal of Oriental Physiology & Pathology*, vol.22, no.1, pp.234-245, 2008.
- 20 S.B.H, S.M.P, M.J.O, et al, " A Double-blind, Randomized, Placebo-controlled Intervention Study of the Efficacy and Safety of 'Atomento solution & cream' in patients with Atopic Dermatitis [in English]," *The Journal of Korean Oriental Medical Ophthalmology & Otolaryngology & Dermatology*, vol. 22, no. 2, pp. 223-237, 2009.
- 21 T.H.L, L.C.H, C.S.Y, et al, " Adverse Effects of Ephedra According to SaasngTypologyin Healthy Adults : A Double-Blind Randomized Controlled Trial " [in Korean]," *Journal of Korean Oriental Internal Medicine*, vol.30, no.1, pp.144-152, 2009.
- 22 J.E.L, Y.K.S, H.H.L, et al, " Randomized, Double Blind, Placebo-Controlled Study of Bofu-tsusho-san on Obese Patients [in Korean]," *Journal of Society of Korean Medicine for Obesity Research*, vol.10, no 1, pp.1-16, 2010.
- 23 J.E.L, Y.K.S, H.H.L, et al, " Clinical Trial of Taeumjowui-Tang(Taiyintiaowei-tang) on Obese Patients - Randomized, Double Blind, Placebo-Controlled Study [in Korean]," *Journal of Oriental Rehabilitation Medicine*, vol. 20, no. 2, pp. 145-160, 2010.
- 24 Y.M.K, Y.C.P, J.H.J, et al, " Effect of Herb Medicine Treatment for Functional Dyspepsia : A Randomized Placebo-Controlled and Compared Standard Treatment Trial [in Korean]," *Journal of Korean Oriental Medical Society*, vol.31, no.1, pp.01-13, 2010.
- 25 I.H.C, S.H.K, Y.C.K, et al, "The A Clinical Study of Shi Ho Cheong Gan-San on Blood Heat Pattern Atopic Dermatitis: a randomized, double-blind clinical trial [in English]," *The Journal of Korean Oriental Medical Ophthalmology & Otolaryngology & Dermatology*, vol.24, no.1, pp.96-110, 2011.
- 26 J.H.Park, C.Y.L, H.J.K, et al, " Impact of GNB3, ADRB3, UCP2, and PPAR $\gamma$ -Pro12Ala polymorphisms on Boiogito response in obese subjects : A randomized, double-blind, placebo-controlled trial [in Korean]," *Journal of Oriental Rehabilitation Medicine*, vol.21, no.2, pp.265-278, 2011.
- 27 D.H.L, H.J.H, L.H.K, et al, " Effect of Saengmaeg-san Extract on Xerostomia in Stroke Patients : A Double-Blind Randomized Controlled Study [in Korean]," *Journal of Korean Oriental Internal Medicine*, vol.32, no.4, pp.542-549, 2011.
- 28 J.S.L, E.J.D, M.A,K, et al, " Clinical Trial to Evaluate the Efficacy of Extract of Citri
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Pericarpium on Serum Lipid Profiles in Subjects : a Randomized, Double-blind [in Korean]," *The Korea Association of Herbology*, vol.26, no.1, pp.125-132, 2011.

- 29 H.S.J, S.Y.K, H.J.H, et al, " The Effects of SBD-1 on Hangover Syndrome : a Randomized Double-blind Crossover Preliminary Study [in Korean]," *Journal of Korean Oriental Internal Medicine*, vol.33, no.4, pp.511-519, 2012.
- 30 J.H. Park, S Boss, C.Y. Lim et al "Impact of GNB3, ADRB3, UCP2, and PPAR $\gamma$ -Pro12Ala polymorphisms on Boiogito response in obese subjects : A randomized, double-blind, placebo-controlled trial[in Korean]" *Journal of Society of Korean Medicine for Obesity Research*, vol.12, no. 2, 2012.
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### **Randomized Clinical Trials on Moxibustion Therapy in Korean Literature:**

#### **Bibliometric Analysis and Methodological Quality (N=12)**

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| <b>No</b> | <b>Included article</b>   |
|-----------|---|
| 1         | K. S. Kang, E. J. Jeong, S. K. Moon et al, "Clinical Study on the Effects of Moxibustion for Post-stroke Voiding Dysfunction [in Korean]," <i>Journal of Korean Oriental Medical Society</i> , vol. 21, no. 4, pp. 236-241, 2000.                               |
| 2         | S. I. Kang, C. W. Lim, W. T. Park et al, "The Clinical study of acupuncture and moxibustion therapy on ch'ŏnch'u (ST25) for constipation [in Korean]," <i>The Journal of Korean Acupuncture and Moxibustion society</i> , vol. 18, no. 6, pp. 125-134, 2001.    |
| 3         | Y. S. Kim, C. H. Kim, and K. S. Kim, "Effect of Auricular Acupuncture on Postoperative Nausea and Vomiting [in Korean]," <i>Korean Academy of Fundamentals of Nursing</i> , vol. 10, no. 2, pp. 244-253, 2003.  |
| 4         | Y. S. Choi, T. K. Kim, W. S. Jung et al, "Effects of Moxibustion on the Hemiplegic Upper Extremity After Stroke [in Korean]," <i>Journal of Korean Oriental Internal Medicine</i> , vol. 24, no. 2, pp. 283-289, 2003.  |
| 5         | B. S. Kim, I. S. Jang, J. J. Yeo et al, "Effect of Choksamni(足三里, ST36) Moxibustion on Blood Pressure Elevation in Hypertensive Patients: A Randomized Controlled Trial [in Korean]," <i>Journal of Korean Oriental Medical Society</i> , vol. 26 no. 3 pp. 66- |

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- 6 S. H. Lee, J. K. Kim, Y. H. Son et al, "A Clinical Study of Moxibustion Therapy's Effect on Functional Recovery in Hemiplegia on Stroke [in Korean]," *Journal of Korean Oriental Internal Medicine*, vol. 29, no. 1, pp. 278-284, 2008.
  - 7 J. H. Cho, H.S. Kim, D. Y. Choi, et al., "A Clinical Study on the Effect of Aroma Ceramic Moxibustion for Primary Dysmenorrhea [in Korean]," *The Journal of Oriental Obstetrics and Gynecology*, vol. 22, no. 1, pp. 19-27, 2009.
  - 8 G. C. Kim, Y. S. Kim and H. W. Lee, "A Comparative Study on The Effect of Cupping and Moxibustion Therapy on Treating Constipation of Stroke Patients [in Korean]," *The Korean Society for Oriental Preventive Medicine*, vol. 13, no. 3, pp. 101-112, 2009.
  - 9 Y. S. Kim, K. B. Kim, G. C. Kim et al, "Effects of the BUDDEUMI Therapy on the Relief of Shoulder Pain among Middle Aged Women [in Korean]," *Korean Journal of Oriental Physiology & Pathology*, vol.23 , no. 5, pp. 1172-1177, 2009.
  - 10 J. S. Park, S. N. Woo, H. J. Yeo et al, "The Effects of Hand Moxibustion Therapy on Knee Joint Pain Joint Range of Motion and Discomfort during ADL in Elderly People[in Korea]," *The Korean Society for Oriental Preventive Medicine*, vol. 13, no. 1, pp.81-92, 2009.
  - 11 S. Y. Cho, J. Y. Jang, S. J. Kim et al, "Effect of PC6 Moxibustion for Mental Stress on Short-term Analysis of Heart Rate Variability [in Korean]," *The Journal of Korean Acupuncture and Moxibustion Society*, vol. 27, no. 2, pp. 51-58, 2010.
  - 12 J. J. Lee, S. J. Kim, O. J. Park et al, "The Effect of Moxibustion at Jeonjung(CV17) on the Heart Rate Variability in Healthy Adults [in Korean]," *The Journal of Korean Acupuncture and Moxibustion society*, vol. 29, no. 4, pp. 43-53, 2012.
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Appendix S5. RCTs included in bibliometric analysis and quality assessment

| <b>Randomized Clinical Trials on Cupping Therapy in Korean Literature:<br/>Bibliometric Analysis and Methodological Quality (n=5)</b> |   |
|---|---|
| No  | Included article  |
| 1   | J. K. Oh, S. S. Kim, "Effect of negative therapy at back meridian points on blood gas components and immune functions in male college students [in Korea]," <i>Journal of Korean Oriental Medical Society</i> , vol. 20, no. 1, pp.75-83, 1999.                         |
| 2   | J. A. Shin, Y. G. Lee, "Decreasing Effect of Wet-Cupping at Daechu(大椎, Dazhui:GV14)-point on the Increase of Blood Pressure in Patients with Stroke [in Korean]," <i>Journal of Korean Oriental Medical Society</i> , vol. 23, no. 3, pp. 85-95, 2002.                  |
| 3   | D. Y. Son, M. S. Kim, S. J. Kim et al, "Comparison of Depletion and Cupping Therapy with Cupping Therapy on Acute Lumbosacral Strain Patients [in Korean]," <i>Journal of Oriental Rehabilitation Medicine</i> , vol.13 , no. 4, pp. 53-61, 2003.                       |
| 4   | J. S. Hwang, D. J. Lim, J. H. Hwang et al, "Study of the Effect of Blood-letting Cupping Treatment for Acute Ankle Sprain: A Randomize Controlled Trial [in Korean]," <i>The Journal of Korean Acupuncture and Moxibustion society</i> , vol. 22 no. 3 pp. 243-252,2005 |
| 5   | E. J. Lee, T. D. Jeoun, I. J. Yoon et al, "The Clinical Effects of Cupping Therapy at Bedtime for Sleep Disorder Induced by Traffic Accidents [in Korean]," <i>The Journal of Korean Acupuncture and Moxibustion society</i> , vol. 20, no. 1, pp. 193-208, 2010.       |

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**Randomized Clinical Trials on Chuna Therapy in Korean Literature:**

**Bibliometric Analysis and Methodological Quality (N=17)**

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| No | Included article  |
|----|---|
| 1  | W. J. Sim, S. H. Moon, H. J. Ryu et al, "The Effects of the Muscles along Meridians Release Therapy to Spastic Patients after Stroke [in Korea]," <i>Journal of Oriental Rehabilitation Medicine</i> , vol. 14, no. 1, pp.63-75, 2004.  |
| 2  | D. Y. Lee, S. J. Kim, "Clinical Study on the Ankle Joint Traction Therapy for Ankle Sprain [in Korean]," <i>Journal of Korean Oriental Medical Society</i> , vol. 15, no. 4, pp. 39-46, 2005.   |
| 3  | T. S. Kim, C. Y. Kim, K. H. Lee et al, "Comparative Clinical Study between the Acupuncture Treatment and the Chuna Treatment on Temporomandibular Disorder [in Korean]," <i>The Journal of Korea Chuna Manual Medicine for Spine and Nerves</i> , vol. 1 no. 1 pp. 55-64,2006 |
| 4  | H. S. Ryu, S. H. Jeon, D. S. Park et al, "Clinical Study for Chuna Treatment on Neck Pain Patient with Hypolordotic Cervical Spine [in Korean]," <i>The Journal of Korea Chuna Manual Medicine for Spine and Nerves</i> , vol.1 , no. 2, pp. 11-20, 2006.                     |
| 5  | O. G Kwon, M. S. Kim, H. D. Ahn et al, "The Efficacy of Sacro-Occipital Technique for Stroke Patients on Activity of Daily Living(ADL), Leg Function Balance [in Korean]," <i>The Journal of Korea Chuna Manual Medicine for Spine and Nerves</i> , vol. 2, no. 2, pp.        |

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57-68, 2007.

- 6 M. B. Kim, S. H. Chung, S. S Kim, "The Influences of Chuna(shoulder traction) Therapy for Shoulder Pain and Range of Movement in Hemiplegic Patients After Stoke [in Korean]," *Journal of Oriental Rehabilitation Medicine*, vol. 17, no. 2, pp. 185-198, 2007.
- 7 J. M. Lee, J. H. Park, E. J. Lee et al, "Effect of Chuna Treatment(Manipulation) on Lumbar Sprain caused by Traffic Accident in Early Stage [in Korean]," *The Journal of Korea Chuna Manual Medicine for Spine and Nerves*, vol. 4, no. 2, pp. 61-74, 2009.
- 8 O. G. Kwon, W. S. Jang, C. H. Woo et al., "The Efficacy of Adjusting Leg Length Inequality by Chuna Manual Treatment for Post-Stroke Hemiplegia [in Korean]," *Journal of Oriental Rehabilitation Medicine*, vol. 19, no. 2, pp. 187-202, 2009.
- 9 D. Y. Yoon, J. M. Son, J. S. Choi et al, "Effect of Chuna Treatment(Manipulation) on Lumbar Sprain Caused by Traffic Accident [in Korean]," *The Journal of Korea Chuna Manual Medicine for Spine and Nerves*, vol. 5, no. 1, pp. 23-30, 2010.
- 10 J. H. Woo, K. W. Han, E. S. Kim et al, "A Clinical Study Comparing the Effects of Chuna Treatment and Ouhyl Herbal Acupuncture on the Patients with Cervical Pain Caused by Traffic Accidents [in Korean]," *The Journal of Korean Acupuncture and Moxibustion Society*, vol. 28, no. 5, pp. 9-18, 2011.
- 11 E. S. Kim, T. H. Kim, S. C. Lee et al, "Effect of Chuna Manipulation on Cervical Sprain Caused by Traffic Accident [in Korean]," *Society of Sports Korean Medicine*, vol. 11, no. 1, pp.49-56, 2011.
- 12 E. S. Jin, J. H. Lee, H. K. Kim et al, "The Clinical Study for the Effects of Chuna Treatment on Patients with Temporomandibular Disorder [in Korean]," *Journal of Oriental Rehabilitation Medicine*, vol. 21, no. 1, pp. 125-135, 2011.
- 13 J. S. Kim, J. H. Lee, K. Y. Yang et al, "The Comparative Study on the Effect of Pharmacopuncture Treatment and Chuna Treatment for Low Back Pain caused by Traffic accidents [in Korean]," *The Journal of Korea Chuna Manual Medicine for Spine and Nerves*, vol. 6, no. 2. pp. 155-164, 2011.
- 14 D. H. Chang, U. Y. Bae, J. H. Jung et al, "The Effects of Burning Acupuncture Therapy with Chuna Therapy for Low Back Pain Patients [in Korean]," *Journal of Oriental Rehabilitation Medicine*, vol. 21, no. 3, pp. 21-32, 2011.
- 15 J. H. Lee, J. S. Kim, K. Y. Yang et al., "The Comparative Study on the Effect of Pharmacopuncture Treatment and Chuna Treatment for Neck Pain Caused by Traffic Accidents[in Korean]," *Journal of Oriental Rehabilitation Medicine*, vol. 22, no. 1, pp. 75-83, 2012.
- 16 S. H. Yun, W. S. Jung, S. H. Cho et al, "The Clinical Study for Chuna Treatment on

Patients with Cervicogenic Headache Caused by Traffic Accident [in Korean]," *Journal of Oriental Rehabilitation Medicine*, vol. 22, no. 2, pp. 165-175, 2012.

- 17 J. S. Lee, S. J. Lee, J. H. Nam et al, "The Comparative Study on the Effect of Pharmacopuncture Treatment, Chuna Treatment, Pharmacopuncture – Chuna Cooperative Treatment for Neck Pain Caused by Traffic Accidents [in Korean]," *The Journal of Korean Acupuncture and Moxibustion society*, vol. 29, no. 5, pp. 87-95, 2012.

### **Randomized Clinical Trials on Massage Therapy in Korean Literature:**

#### **Bibliometric Analysis and Methodological Quality (N=10)**

| No | Included article  |
|----|---|
| 1  | B. C. Yoon, J. H. Lee, Y. W. Ham et al, "Effects of massage and microwave diathermy therapy on eccentric exercise-induced DOMS and indices of muscle damage [in Korea]," <i>The Korean Academy of Physical Therapy Science</i> , vol. 13, no. 2, pp.293-303, 2001.  |
| 2  | K. J. Sohn, Y. S. Choi, M. J. Kim et al, "The Effects of Aroma Self Massage in Hands on Pain, Depressive Mood and Anxiety in Breast Cancer Patients [in Korean]," <i>Journal of Hospice and Palliative Care</i> , pp. 18-29, 2005   |
| 3  | S. J. Kim, Y. D Park, "The Effects of Swedish Massage on the Changes of Autonomic Nervous System in the Athletic Speciality Group Students [in Korean]," <i>Korea Coaching Development Research</i> , vol. 9, no. 3, pp. 201-208, 2007.   |
| 4  | M. S. Song, N. C. Kim, "Effect of Hand Massage on Fatigue, Sleep Satisfaction and Blood Pressure of the aged in a Long-term Care Facility [in Korean]," <i>Korean Journal of Adult Nursing</i> , vol. 21 no. 2 pp. 179-186,2009   |
| 5  | M. B. Kim, K. K. Kim, S. H. Hong et al, "The Clinical Tests for Treatment Improvement Comparison in Myopia between Eye Acupuncture Massage Machine(NURIEYE-1) and Acupuncture [in Korean]," <i>The Journal of Korea Oriental Medical Ophthalmology &amp; Otolaryngology &amp; Dermatology</i> , vol. 22 , no. 3, pp. 80-94, 2009. |
| 6  | I. S Jung, J. S. Kim, H. S. Yoo, "Effect of Auricular Acupress Therapy on Insomnia of Cancer Patients : Randomized, Single Blinded, Placebo Controlled Trial [in Korean]," <i>Journal of Pharmacopuncture</i> , vol. 13, no. 2, pp. 93-100, 2010.   |
| 7  | W. A. Kwon, D. D. Kim, J. H. Lee, "The Effects of Massage and Satic Stretching on Cervical Range of Motion in Their 20s of Normal Adult [in Korean]," <i>Journal of the</i>   |

*Korea Academia-Industrial cooperation Society*, vol. 11, no. 11, pp. 4346-4353, 2010.

- 8 M. Y. Chung, E. S. Choi, "A Comparison between Effects of Aroma Massage and Meridian Massage on Constipation and Stress in Women College Students [in Korean]," *Journal of Korean Academy of Nursing*, vol. 41, no. 1, pp. 26-35, 2011.
  - 9 M. Y. Chung, "Effects of Aroma Massage on Constipation in Women College Students [in Korean]," *Journal of Korean Academy of Rural Health Nursing*, vol. 6, no. 2, pp. 78-86, 2011.
  - 10 D. W. Lee, J. H. Park, S. N. Eom et al, "Effect of Combined Stimulus on Stress Relief [in Korean]," *Journal of Biomedical Engineering Research*, vol. 33, pp. 194-201, 2012.
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**Randomized Clinical Trials on Taping Therapy in Korean Literature:**

**Bibliometric Analysis and Methodological Quality (N=7)**

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| No | Included article  |
|----|---|
| 1  | Y. H. Park, H. D. Shin, S. S. Kim et al, "Antispastic Effect of Taping on Spasticity in Stroke Patients [in Korea]," <i>Journal of Oriental Rehabilitation Medicine</i> , vol. 11, no. 1, pp.159-171, 2001. |
| 2  | K. S. Park, E. N. Ryoo, M. H. Choi, "The Effect of Balance Taping Therapy on Pain of the Lower Back Pain Patient [in Korean]," 2001.  |
| 3  | J. W. Lee, C. H. Kim, S. H. Moon et al, "Effectiveness of Spiral Taping in the Low Back Pain Patients [in Korean]," <i>The Journal of Korean Acupuncture &amp; Moxibustion Society</i> ,                    |

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vol. 23 , no. 5, pp. 1-10, 2006.

- 4 J. M. Park, M. S. Yoon, I. Woo et al, "The Effect of Ankle Meridian Tendino-musculature Taping on Lateral Ankle Sprain; Randomized Controlled clinical study [in Korean]," *Journal of Oriental Rehabilitation Medicine*, vol. 16 no. 1 pp. 63-71, 2006.
  - 5 M. C. Park, E. Y. Kim and M. S. Ha, "Effects of Taping Therapy by Methos on Back Pain and Muscle Flexibility of Bus Drivers's [in Korean]," *Journal of the Korea Academia-Industrial cooperation Society*, vol. 11, no. 11, pp. 4346-4353, 2010.
  - 6 D. H. Kwon, S. M. Lee, H. J. Kim et al, "Effect of Microcurrent Taping Therapy on Lower Back Pain [in Korean]," *Journal of Korean Oriental Medical Society*, vol. 32, no. 5, pp. 114-125, 2011.
  - 7 M. Ko, J. Lee, "Effect of Balance Taping Therapy on Neck Pain in High School Students [in Korean]," *Journal of Korean Academy of Adult Nursing*, vol. 24, no. 4, pp. 417-427, 2011.
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**Randomized Clinical Trials on Gi-gong Therapy in Korean Literature:**

**Bibliometric Analysis and Methodological Quality( N=28)**

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| No | Included article  |
|----|---|
| 1  | S. J. Kang, S. Y. Song, B. C. Sim, "The Effect of Special Breathing Method (Dangeon)and Chinese Medicine Ingestion on Athletic Performance [in Korean]," <i>Korea national university researh center</i> , vol. 5, no. 1, pp. 1-21, 1986. |
| 2  | K. Y. Kim, "Effects of Danjeon Breath on the Basic Physical Strength Improvement [in Korean]," <i>Myongji university collection of dissertation</i> , 1986.   |
| 3  | H. Choi, " The influence of meditation and Gukseondo on middle school student's concept of ego, anxiety, aggression [in Korean]," <i>Chonam national university pedagogy science collection of dissertation</i> , 1992.                   |
| 4  | S. C. Lee, " The influence of meditation training program on weightlifting record and Physiological Arousal [in Korean]," <i>Hanyang university sports science collection of dissertation</i> , 1993.                                     |
| 5  | Y. G. Choi, N. S. Pyo, "The Effects of Kuk Sun Do Don-jeon Breathing Training on Anxiety and Heart Rate [in Korean]," <i>Journal of Physical Education &amp; Sports Science</i> , vol. 10, pp. 173-184, 1994.                             |
| 6  | Y. G. Choi, " The Effect of Danjeon Breathe to anxiety, blood pressure, EEG, blood lipid metabolism [in Korean]," <i>Journal of Physical Education &amp; Sports Science</i> , 1995.   |
| 7  | C. H. Jo, N. S. Pyo and C. Y. Park, "The Effects of Dan-Jeon Breathing Training in Performing on the Self-Paced Tasks [in Korean]," <i>Journal of Physical Education &amp; Sports Science</i> , vol. 13, pp. 131-140, 1997.               |
| 8  | Y. H. Kim, "The Effect of Danjeon Breathe and Qi Dance to the Juvenile Character Formation [in Korean]," <i>The Journal of Korean Society of Jungshin Science</i> , vol. 9, pp. 99-116, 1998.   |
| 9  | C. H. Cho, J. S. Park, "The Effect of Dan-jun Breathing on the Cardiorespiratory Function [in Korean]," <i>Journal of Sport and Leisure Studies</i> , vol. 12, no. 1, pp.731-743, 1999.   |

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- 10 J. H. Park, K. H. Lee, "The Effects of Taichi Training on Self – concept in Elementary School Boys [in Korean]," *Korean Society of Sport Psychology*, vol. 11, no. 1, pp. 155-169, 2000.
- 11 J. S. Park, C. H. Cho, "Effects of Dan-jun Breathing Training and Sport Activities on the Youngsters' Mental Health [in Korean]," *Journal of Sport and Leisure Studies*, vol. 14, no. 1, pp. 155-165, 2000.
- 12 K. H. Lee, K. W. Kim, Y. J. Choi, "Dan Jeon Breathing Technique to Reduce Perimenstrual Discomfort : Impact on nursing intervention [in Korea]," *The Korean Academy of Physical Therapy Science*, vol. 12, no. 1, pp.17-32, 2000.
- 13 J.S. Park, C. H. Cho, " The Effect of Danjeon Breathe to National Archer' Concentration Strategies [in Korean]," *Korea Sports Development*, vol. 11, no. 3, pp. 75-86, 2000.
- 14 S. Y. Cha, C. H. Cho, "The effect of Dan-jeon breathing training on 1000m run performance in middle school man [in Korean]," *Journal of Sport and Leisure Studies*, vol. 14, no.1, pp. 691-698, 2000.
- 15 J. W. Park, H. Y. Cho, "A study on the Digital Infrared Thermal Image in Korean Healthy Men treated with several cupping therapy [in Korean]," *Journal of Korean medical Gi-gong Academy*, vol. 5, pp. 1-21, 2001.
- 16 J.Y. Shim, "A study on the effect of brain respiration training on respiratory circulation function", *Korea sport resarch*, vol. 12, No. 4, 2001.
- 17 Y.S. Jin, J.Y. Park, H.Y. Kim et al, "The Effect of Aerobic Exercise and Qi-Gong on Lymphocyte,  $\beta$ -adrenergic Receptor, Antioxidative Function, and Heart Rate Variability in the Elderly", *The Korean Journal of Sports Medicine*, vol. 19, no.2 , 2001.
- 18 C.H. Cho, J.S. Park, "Effects of Dan-Jeon Breathing Training on Dart-throwing Performance [in Korean]", *Korea sport research*, vol. 12, no. 4. pp99-108, 2001
- 19 C.H. Cho , J. S. Park et al, "Effects of Dan-jeon Breathing and Sensory Image Training on Motor Learning in Self-paced Tasks[in Korean]", *Korean society of sport and leisure studies*, vol.18, no. 2 , pp1393-1403, 2002.
- 20 H. S. Jang, M. S. Lee, J. W. Jang et al, "Acute effects of Qi-therapy on psychological symptoms and pain in the older subjects[in Korean]", *Journal of the Korean society of jungshin scienc*, vol. 6, no. 2, pp 15-20, 2002.
- 21 J.Y. Shim , "The effects of brain respiration training on immune cells and stress hormone[in Korean]", *Jusun university research* , 2002.
- 22 S. J. Kim, Y. D Park, "The Effects of Swedish Massage on the Changes of Autonomic Nervous System in the Athletic Speciality Group Students [in Korean]," *Journal of the*
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*Korean Society of Jungshin Science*, vol. 6, no. 2, pp.15-20, 2002

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- 26 J.Y. Shim , "The Effects of Brain Development Program on stress of elderly office men [in Korean]" , *Korea sport research* , vol. 14, no. 4,pp1341-1354, 2004.
- 27 J.Y. Shim , "Analysis of Stress Hormone Reaction According to DoIn Exercise and Meditation Program [in Korean]" , *Korea sport research* , vol. 14, no. 6,pp1463-1473, 2004.
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### **Randomized Clinical Trials on Magnetic field in Korean Literature:**

#### **Bibliometric Analysis and Methodological Quality (N=3)**

| No | Included article   |
|----|--|
| 1  | H.K.K, E.S.L, " The Effects of the Magnetic Therapy Treated on ear acupuncture points for exercise pre,post fatigue substance [in Korean]," <i>Journal of Oriental Rehabilitation Medicine</i> , vol.8, no.1, pp.187-202, 1998.            |
| 2  | S.R.C, E.S.L, "The Effects of the Magnetic Therapy Treated on Acupuncture Points for Recovery from Fatigue with before and after Exercise [in Korea]," <i>Journal of Oriental Rehabilitation Medicine</i> , vol.8, no.1, pp.158-170, 1998. |
| 3  | K.H.H, H.J.H, Y.H.P, et al, " Effects of Pulsed Electromagnetic Therapy for Cervicogenic Headaches : Randomised Clinical Trial [in Korean]," <i>Journal of Oriental Rehabilitation Medicine</i> , vol.17, no.3, pp.147-159, 2007.          |

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**Randomized Clinical Trials on Meditation Therapy in Korean Literature:**

**Bibliometric Analysis and Methodological Quality (N=2)**

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| No | Included article  |
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| 1  | S.J.H, W.T.S, M.S.O et al, "The Effect of Yukjageul Respiration on the Difference of Skin Temperature [in Korean]," <i>Journal of Oriental Rehabilitation Medicine</i> , vol.11, no.1, pp.53-71, 2001.  |
| 2  | H.N.P, S.J.Y, "Effects of Meditation Training Program on Self Concept, Abstinence Self-efficacy, and Abstinence in Alcoholic Patients [in Korea]," <i>Journal Korean Academy Psychology Mental Health Nursing</i> , vol.14, no.3, pp.304-312, 2005. |

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**Randomized Clinical Trials on Yoga Therapy in Korean Literature:**

**Bibliometric Analysis and Methodological Quality (N=3)**

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| No | Included article   |
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| 1  | H.J.K, "Effect of YogaExerciseprogram on Dysmenorrhea, Menstrual Pain and Vasopressin of the Female University Students [in Korean]," <i>淑明女大 教育論義</i> , vol.20, 2009. |

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- 2 E.M.K, C.H.C, "Effects of Yogic Breathing on Stress: in Relation to EEG Quotients [in Korea]," *Korean Society for Emotion&Sensibility*, Spring Conference, Poster Session 1, pp.85-86, 2012.
- 3 H.S.S, J.Y.K, "The Effects of Yoga Exercise on Balance and Gait Velocity in Stroke Patient [in Korea]," *Korean Journal of the Korea Academia-Industrial cooperation Society*, vol.14, no.1, pp.294-300, 2013.

**Randomized Clinical Trials on Tai-chi in Korean Literature:**

**Bibliometric Analysis and Methodological Quality (N=1)**

| No | Included article  |
|----|---|
| 1  | E.N.L, "The Effect of Tai Chi Exercise Program on Blood Pressure, Total Cholesterol and Cortisol Level in Patients with Essential Hypertension [in Korean]," <i>Korean Academy of Fundamentals of Nursing</i> , vol.34, no.5, pp.829-837, 2004. |

**Randomized Clinical Trials on Aroma Therapy in Korean Literature:**

**Bibliometric Analysis and Methodological Quality (N=4)**

| No | Included article  |
|----|---|
| 1  | M.A.K, M.S.K, B.S.K, et al. "Effect of Lavender Essential Oil Autonomic Nervous System by Power Spectrum Analysis of Heart Rate Variability in Healthy Adults : A Randomized Controlled Trial, [in Korea]," <i>Journal of Korean Oriental Internal Medicine</i> , vol.24, no.3, pp.569-578, 2003. |
| 2  | H.J.K, "Effect of Aromatherapy Massage on Abdominal Fat and Body Image in Post-menopausal Women [in Korea]," <i>Korean Academy of Fundamentals of Nursing</i> , vol.37, no.4, pp.603-612, 2007.   |
| 3  | E.H.C, "Comparison of Effects Lavender Abdominal Massage and inhalation on Dysmenorrhea, Pain, Anxiety and Depression [in Korean]," <i>Korean Academy of Fundamentals of Nursing</i> , vol.16, no.3, pp.300-306, 2009.  |
| 4  | J.H.C, M.J.K, H.S.K, et al. "Effects of Aromatherapy in blending oil of Basil, Lavender, Rosemary, and Rose on Headache, Anxiety and Serum Cortisol level in the Middle-  |

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**Randomized Clinical Trials on Ginseng therapy in Korean Literature:**

**Bibliometric Analysis and Methodological Quality (N=19)**

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| No | Included article   |
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| 1  | J.C. Seo, S.W Han, J.S. Byun et al, "Double-blind randomized controlled trials on superficial body temperature of Korean ginseng and American ginseng in Koreans and chineses[in Korean]", <i>The Korea Association of Herbology</i> , vol. 18, No 2. Pp71-86, 2003.                         |
| 2  | J. C. Seo, Z.J. Heo, S.W. Han et al, "The effect of Korean ginseng and American ginseng on body temperature in Korean and chinese-Double blind randomized controlled trials-[in Korean]", <i>Korean Journal of Oriental Physiology &amp; Pathology</i> , vol.17, No. 3, pp837-841, 2003.     |
| 3  | J. C. Seo, S. Y. Yee, K.M Lee et al, "Double-blind randomized controlled trials on blood pressure and pulse rate of Korean ginseng and American ginseng in Korean and chinese[in Korean]", <i>Korean Journal of Oriental Physiology &amp; Pathology</i> , vol.18, No. 2, pp606-611, 2004.    |
| 4  | J. C. Seo, S. W. Han, J.S Byun, "The effect of ginseng and American ginseng on general symptom in Koreans and Chineses-Double blind Randomized controlled trials[in Korean] ", <i>Journal of ginseng research</i> , vol. 29, No. 1, pp27-36, 2005.   |
| 5  | K.H. Cho, W. S. Jung, Y.S. Kim, "The effect of ginseng and American ginseng on high blood presure -Double blind Randomized controlled trials"[in Korean], " <i>korea jinseng research</i> ", 2005  |
| 6  | S.G.. Lee, Y. H. Cho, T.G Kang et al, "Analysis of Plasma Proteome before and after Oral Administration of Acidic Polysacharide from Panax Ginseng, Double-blind, Placebo-controlled, Randomised Trial[in English]", <i>Journal of Ginseng Research</i> , vol. 21, No. 5, pp1185-1193, 2007. |

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- 7 K.S. Shin, J.J. Lee, Y.R. Jin et al, "Effect of Korean Red Ginseng extract on blood circulation in healthy volunteers: A randomized, double-blind, placebo-controlled trial[in Korean]", *Journal of Ginseng Research*, vol. 31, No. 2, pp10-116, 2007.
  - 8 D. K. Kim, J A Lee, Y. B. Kim, "A randomized controlled trial assessing Korea red ginseng treatment of Helicobacter pylori-associated chronic gastritis[in Korean]", *The Korean Association of Internal Medicine*, vol 72, No 1, 2007.
  - 9 H.S. Kim, Y.J. Yoon, J.M. Lee et al, "A clinical study on the effect of red ginseng for postmenopausal hot flushes[in English]", *J Orient Obstet Gynecol*, vol. 22, pp132-139, 2009.
  - 10 W.S. Ham, W. T. Kim, J. S. Lee et al, "Efficacy and Safety of Red Ginseng Extract Powder in Patients with Erectile Dysfunction: Multicenter, Randomized, Double-Blind, Placebo-Controlled Study[in Korean]", *Korean Journal of Urology*, vol. 50, No 2, pp159-164, 2009.
  - 11 O.H. KJ, C. MJ, Lee HS, Hong HD et al, "Effects of Korean red ginseng on sexual arousal in menopausal women: placebo-controlled, double-blind crossover clinical study"[in English], "*J Sex Med*" vol. 7, No.4, pp1469-1477, 2010.
  - 12 N.R. Kim, J. H. Kim, C. Y. Kim et al, "Effect of Korean Red Ginseng Supplementation on Ocular Blood Flow in Patients with Glaucoma[in English]", *Journal of Ginseng Research*, vol.34, No.3, pp237-245, 2010.
  - 13 I.M. Chung, J. W. Lim, W. B. Pyun et al, "Korean Red Ginseng Improves Vascular Stiffness in Patients with Coronary Artery Disease[in English]", *Journal of Ginseng Research*, vol. 34, No3,pp212-218, 2010.
  - 14 S.A. Lee, S. G. Kang, H. J. Lee, "Effect of Korean Red Ginseng on Sleep : A Randomized, Placebo-Controlled Trial[in Korean]", *Sleep Medicine and Psychophysiology*, vol 17, No 2, pp85-90, 2010.
  - 15 J.H. Heo, S. T. Lee, M. J. Oh et al, "Improvement of Cognitive Deficit in Alzheimer's Disease Patients by Long Term Treatment with Korean Red Ginseng[in English]", *Journal of Ginseng Research*, vol. 35, No. 4, pp457-461, 2011.
  - 16 D. H. Kwon, M.J. Lee, C. Y. Lim, "Efficacy of Red Ginseng by Oriental Medical Obesity Syndrome Differentiation on Obese women : Randomized, Double-blind, Placebo-controlled Trial[in Korean]", *Journal of Society of Korean Medicine for Obesity Research*, vol 11, No 1, pp01-14, 2011.
  - 17 H.B. Yeol, H. K. Yoon, H.J. Lee et al, "Effects of Korean Red Ginseng on Cognitive and Motor Function: A Double-blind, Randomized, Placebo-controlled Trial[in
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English]”, *Journal of Ginseng Research*, vol.36, No.2, pp190-197, 2012.

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**Randomized Clinical Trials on Ginseng therapy in Korean Literature:**

**Bibliometric Analysis and Methodological Quality**

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| No | Included article   |
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| 18 | D.H. Kwon, S. Boss , Mi. Y. Song et al, “Effi cacy of Korean Red Ginseng by Single Nucleotide Polymorphism in Obese Women: Randomized, Double-blind, Placebo-controlled Trial[in English]”, <i>Journal of Ginseng Research</i> , vol. 36, No. 2, pp176-189, 2012   |
| 19 | S.Y. Kim , S.K Seo, Y.M. Choi et al, “Effects of red ginseng supplementation on menopausal symptoms and cardiovascular risk factors in postmenopausal women: a double-blind randomized controlled trial[in English]”, <i>Menopause</i> , vol. 19, pp461-466, 2012. |

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**Randomized Clinical Trials on Vitamin& diet-based therapy in Korean Literature:**

**Bibliometric Analysis and Methodological Quality (N=5)**

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| No | Included article   |
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| 2  | Y. H. Baek, J. R. Kwak, S. J. Kim et al, “Effects of Kimchi supplementation and/or exercise training on body composition and plasma lipids in obese middle school girls[in Korean]”, <i>The Korean Society of Food Science and Nutrition</i> , vol. 30, No. 5, pp906-912, 2001 |
| 3  | C.S. Kim, H.J. Kang, S.H. Lee et al, “The effect of Alpha-tocopherol supplementation on the improvement of antioxidant status and lymphocyte DNA damage in   |

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postmenopausal women[in Korean]", *Journal of Korean Oriental Medical Society*, vol. 40, No. 8, pp708-718, 2007

- 4 M.Y. Chang , S.K. Park, T.J. Kwak et al, "Effects of the Mixture of Vitamin C, Vitamin E, Pycnogenol and Evening Primrose Oil on the UV-Induced Pigmentation and Wrinkle Reductions in Human Skin[in Korean]", *Korean Journal of Nutrition*, vol. 42, No. 6, pp516-522, 2009.
  - 5 H.M. Zeng, D.H. Kim, S.H. Lee et al, "Effects of Vanadium Water on Cancer-related Fatigue of Non Advanced Thyroid Cancer Patients: Randomized, Three armed, Triple Blinded Controlled Trial[in Korean]", *Daejeon university Korean medicine research*, vol. 20, No. 2, 2012.
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