

mobilization, distraction of the spine and joints, soft tissue release, visceral manipulation, craniosacral therapy, and the diaplasis technique. Korean Chuna therapy has developed over time by combining the advantages of Tuina from China, Shiatsu from Japan, and chiropractic from the United States. Chuna has recently been applied to national health insurance. A lot of Korean medical doctors have begun to pay attention to the chuna. In this iSAMS 2019, I would like to explain the Chuna techniques used frequently to the cervical and thoracic spine.

**Keywords:** Chuna, Cervical spine, Thoracic spine

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#### EXPLORING ACUPOINT SELECTION PATTERNS FOR PAIN CONTROL: DATA MINING OF RANDOMISED CONTROLLED CLINICAL TRIALS

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**Background and Purpose:** The underlying principles of acupoint selection for pain control are complex. Analysis of acupuncture treatments from clinical studies may provide us with a potential rule when selecting an acupoint to control pain. The aim of the present study was to investigate which acupoints were most commonly used to treat pain in randomized controlled clinical trials (RCTs). **Methods:** We searched acupuncture treatment regimens in RCTs included in the Cochrane Database of Systematic Reviews for pain management. We analyzed acupoint information (more than ten RCTs included) from seven eligible systematic reviews on pain control. The frequency of the acupoints used was calculated and visualized on a human body template. **Results:** The main acupoints commonly used across many diseases were SP6, ST36, LI4, and LR3. However, the most frequently used acupoints varied across many different conditions. For example, the most frequently used acupoints to treat migraine were GB20, LR3, GV20, EX-HN5, LI4, and TE5, while the most frequently used acupoints for managing dysmenorrhoea were SP6, CV4, SP8, LR3, and BL32. Both regional and distal acupoints were used for pain management with acupuncture. **Conclusion:** Our findings reveal that both local and segmental/extra-segmental neuromodulation are the most common frequent phenomena for pain control in acupuncture research. Analysis of acupoint information through a data-driven approach will unveil the hidden rules of acupoint selection in clinical practice.

**Keywords:** acupoint, acupuncture, data mining, neuromodulation, pain, systematic review

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#### KIIKO MATSUMOTO'S CLINICAL STRATEGIES

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Kiiko Matsumoto's style of acupuncture (KMS) is a synthesis of the approaches of many prominent Japanese acupuncturists along with her own clinical findings and ideas. She has studied closely with Dr. Nagano, Master Manaka and Master Kawai. In addition, Sansei Kiiko has integrated Chinese acupuncture classics such as Nan Ching, Su Wen and Ling Shu. The characteristic of KMS is the very close relationship between the various medical theories and the human body as obtained by palpation and verification of acupuncture points. These acupuncture points are chosen only if they have a positive effect on the body. KMS focuses on constitutional treatments and there are eleven major categories which are (1) blood stagnation in the Hara (Oketsu) in the head and in the vertebral artery, (2) imbalanced immune system, (3) stomach Qi

deficiency, (4) birth trauma, shock and trauma or navel imbalance, (5) systemic detoxification, (6) autonomic nerve imbalance, (7) blood pressure imbalance and cardiac problems, (8) hormonal imbalance, (9) scar tissue disturbance, (10) structural imbalance and (11) vascular compression of the neck, vertebral artery and thigh. KMS focuses on the underlying problems that have led to a specific clinical presentation or that block the natural healing capabilities of the body. By doing so, the body is helped in its recovery process and can facilitate a deeper, more complete healing. KMS integrates palpation as a diagnostic and treatment technique. Lastly, constitutional treatment are implemented that is combined with specific treatments but care is taken that not too many needles are inserted at once. The treatments are based on palpable findings based on application of pressure on areas of the body to determine the presence or absence of discomfort, clinical presentation and the medical history of the patient. Hence, KMS yields better, longer lasting and more reliable results for the care of patients.

**Keywords:** Hara, Kiiko Matsumoto, KMS, Palpation, Nagano

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#### PRACTICE OF NAGANO METHOD ACUPUNCTURE TREATMENT

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Nagano Method Treatment will look for factors that inhibit natural healing. There is a Unique diagnostic method for that. The treatment is given based on this diagnosis. We will approach this treatment from five field. The immune system, vascular system, autonomic neuroendocrine system, muscle system, and qi system

**Keywords:** Nagano diagnosis, Natural healing power, Whole Treatment, Immediate effect, Reproducibility, Five-field treatment methods

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#### ACUPUNCTURE FOR PATIENTS WITH TRAUMATIC MULTIPLE RIB FRACTURES: A SINGLE-CENTRE EXPERIENCE

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**Objectives:** This presentation aims to illustrate the current use of acupuncture for patients with traumatic rib fractures and discuss its potential role in the trauma-care setting. **Methods:** Clinical observation of patients with traumatic multiple rib fractures referred from the regional Level 1 trauma centre at an academic tertiary hospital for acute post-operative pain management and chronic pain will be narratively summarised. Supporting evidence from the previous available literatures will be discussed. Details of acupuncture treatments will be reported as revised Standards for Reporting Interventions in Clinical Trials of Acupuncture (STRICTA). Ongoing collaborative research by the Korean medicine doctors, trauma surgeons and trauma-care nurses will be briefly introduced. **Results:** Details of findings will be presented at the conference. **Conclusion:** Integrative care for patients with traumatic multiple rib fractures is urgently needed. Our observations and ongoing researches may provide meaningful clue for the role of acupuncture in the consorted efforts to improve patients after traumatic events. Further rigorous research on the effectiveness and safety of acupuncture in the trauma-care setting is warranted.

**Keywords:** acupuncture, trauma, pain, recovery, Korean medicine