

## **RECENT PROGRESS of ACUPUNCTURE STUDIES in CHINA MEDICAL UNIVERSITY**

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**Introduction:** Traditional Chinese medicine (TCM) has been existed for several thousand years and still widely been used today all over the world because TCM is less cost and so effective to take care of our health and improve the quality of life. Since 1979 WHO announced 43 acupuncture indications for clinical applications, and all these indications can be searched at the international WHO website. Medical University Hospital (CMUH) analyzed the most important diagnostic in-patients who were combined both western and acupuncture treatment in CMUH in Taichung and Taipei branch, Taiwan. Most of these in-patients are CVA (stroke 36.5%)、head injury or trauma induced hemiplegia (12.5%)、extremity numbness (9.5%)、sciatica or low back pain (6.1%)、hypoxic encephalopathy (5.7%)、acute myocardial infarct or hypertension (4.7%). At least 1000 scientific acupuncture papers can be searched in Medical Index every year, and there were many meta-analysis were made to review the clinical effects of acupuncture treatment in Cochrane Collaboration.

**Results:** In 2010-2012, Our basic research had also a good results in EA anesthesia animal model and ion channel research publications to show the mechanism of the efficacy of the electric acupuncture. Clinical Researches including : Stroke evaluation and other clinical trials, CTS (Carpal Tunnel Syndrome) evaluation, heroin addiction & EA, study design about controlled group in acupuncture groups, meridian & acupoint study and so on.

**Discussion and Conclusions:** Although the pathophysiology theory is different from TCM and west medicine. We can use the EA animal models and ion channel researches to understand some actual proof to stop the pain in acupuncture study. If we cannot know the real mechanism of acupuncture, the study design about controlled group is quite important in RCTs (randommized controlled trials). These acupuncture studies in China Medical University within recent 3 years will be the milestone of combined conventional and acupuncture treatments.

Key word: acupuncture, international ,scientific

