

CURRICULUM VITAE

PUBLICATIONS - JOURNAL ARTICLES, PEER-REVIEWED

1. **Ta-Shen Kuan**, June-Liang Lu, Wen-Ling Chen, Sang-I Lin, Tse-Chieh Hsueh:
A survey study of sports injuries in triathlon [in Chinese].
Journal of Rehabilitation Medicine Association Republic of China. 21:59-65, 1993.
2. **Ta-Shen Kuan**, Yue-Nan Jenp, Tse-Chieh Hsueh:
Clinical application of electrophrenic respiration for high cervical spinal cord injured patients [in Chinese].
Contemporary Medicine (Taiwan). 20(4):273-280, 1993.
3. **Ta-Shen Kuan**, Tzung-Cheng Kuo, Kuo-Chuan Kuo, Tse-Chieh Hsueh:
Low back pain in Chinese pregnant women [in Chinese].
Journal of Rehabilitation Medicine Association Republic of China. 23(2):117-122, 1995.
4. **Ta-Shen Kuan**, Shiuauun-Ming Chen, Yen-Chun Wu, Tse-Chieh Hsueh, Chang-Zern Hong:
Motor unit recruitment and amplitude of motor nerve evoked muscle action potential for the assessment of axon loss in lumbar radiculopathy.
Journal of Rehabilitation Medicine Association Republic of China. 24(1):1-10, 1996.
5. Chang-Zern Hong, **Ta-Shen Kuan**, Jo-Tong Chen, Shu-Min Chen:
Referred pain elicited by palpation and by needling of myofascial trigger points: a comparison.
Archives of Physical Medicine and Rehabilitation. 78:957-960, 1997.
6. Jo-Tong Chen, Shu-Min Chen, Thy-Sheng Lin, **Ta-Shen Kuan**, Chang-Zern Hong:
Mixed nerve conduction study on brachial plexus and its application on the diagnosis of brachial plexus lesions.
Journal of Rehabilitation Medicine Association Republic of China. 25(1):57-63, 1997.
7. Tse-Chieh Hsueh, Pao-Tsai Cheng, **Ta-Shen Kuan**, Chang-Zern Hong:
The immediate effectiveness of electrical nerve stimulation and electrical muscle stimulation on myofascial trigger points.
American Journal of Physical Medicine and Rehabilitation. 76:471-476, 1997.
8. Shiuan-Ming Chen, Yen-Chun Wu, **Ta-Shen Kuan**, Tzu-Tung Tsai, Chang-Zern Hong:
Motor unit recruitment and amplitude of motor nerve evoked muscle action potential for the assessment of axon loss in cervical radiculopathy.
Acta Neurologica Taiwanica. 6(3):217-22, 1997.
9. Shu-Min Chen, Jo-Tong Chen, Yen-Chun Wu, **Ta-Shen Kuan**, Chang-Zern Hong:
Myofascial trigger point in intercostal muscles secondary to herpes zoster infection to the intercostal nerve.
Archives of Physical Medicine and Rehabilitation. 79 :336-8, 1998.
10. Jo-Tong Chen, Shu-Min Chen, **Ta-Shen Kuan**, Kau-Chi Chung, Chang-Zern Hong:
Phentolamine effect on the spontaneous electrical activity of active loci in a myofascial trigger spot of rabbit skeletal muscle.
Archives of Physical Medicine and Rehabilitation. 79 :790-4, 1998.
11. Yu-Chang Chang, Sheng-Fen Kao, **Ta-Shen Kuan**, Chang-Zern Hong:
Distribution of sensitive loci where localized twitch response can be elicited in rat skeletal muscle.
Journal of Rehabilitation Medicine Association Republic of China. 26(1): 1-8, 1998.
12. Tse-Chieh Hsueh, Sunny Yu, **Ta-Shen Kuan**, Chang-Zern Hong:
Association of active myofascial trigger points and cervical disc lesions.
J Formos Med Assoc 97 :174-80, 1998.
13. **Ta-Shen Kuan**, Shu-Min Chen, Jo-Tong Chen, Chang-Zern Hong:
The basic unit of a myofascial trigger point.
Journal of Rehabilitation Medicine Association Republic of China. 26(4): 161-168, 1998.
14. **Ta-Shen Kuan**, Jui-Yi Tsou, Fong-Chin Su:
Hemiplegic gait of stroke patients: The effect of using a cane.
Archives of Physical Medicine and Rehabilitation. 80(7) :777-784, 1999
15. **Ta-Shen Kuan**, Yu-Chang Chang, Chang-Zern Hong:
Distribution of active loci in rat skeletal muscle.
Journal of Musculoskeletal Pain. 7(4): 45-54, 1999.

16. Rong-Ju Cherng, Fong-Chin Su, Jia-Jin Jason Chen, **Ta-Shen Kuan**:
Performance of static standing balance in children with spastic diplegic cerebral palsy under altered sensory environments.
American Journal of Physical Medicine and Rehabilitation. 78(4):336-343, 1999.
17. **Ta-Shen Kuan**, Thy-Sheng Lin, Shu-Min Chen, Jo-Tong Chen, Chang-Zern Hong:
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Journal of Musculoskeletal Pain. 8(3): 69-82, 2000.
18. Shu-Min Chen, Jo-Tong Chen, **Ta-Shen Kuan**, Judith Hong, Chang-Zern Hong:
Decrease in pressure pain thresholds of latent myofascial trigger points in the middle finger extensors immediately after continuous piano practice.
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19. Chun-Pin Lin, Shu-Min Chen, Jo-Tong Chen, Jeng-Feng Yang, **Ta-Shen Kuan**, Chang-Zern Hong:
Therapeutic effectiveness of low level Laser on myofascial trigger points.
Formosan Journal of Physical Therapy. 25(1):15-26, 2000.
20. Hsiu-Fang Hsueh, Po-Hong Chen, Jo-Tong Chen, **Ta-Shen Kuan**:
Spinal dural arteriovenous fistula: a case report [in Chinese].
Journal of Rehabilitation Medicine Association Republic of China. 28(3):171-180, 2000.
21. **Ta-Shen Kuan**, Fong-Chin Su:
Correlation between clinical status and gait performance of hemiplegic stroke patients.
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The effect of transection of innervating nerve on spontaneous electrical activity of myofascial trigger spot in rabbit skeletal muscle.
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23. Chii-Jeng Lin, Kuo-An Lai, **Ta-Shen Kuan**, You-Li Chou:
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24. Jo-Tong Chen, Kao-Chi Chung, Chuen-Ru Hou, **Ta-Shen Kuan**, Shu-Min Chen, Chang-Zern Hong:
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25. Huei-Yu Tzeng, Shu-Min Chen, Jo-Tong Chen, **Ta-Shen Kuan**, Chrong-Reen Wang:
Diffused involvement of the spinal cord in a patient with lupus-related acute transverse myelitis: a case report [in Chinese].
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26. **Ta-Shen Kuan**, Jo-Tong Chen, Shu-Min Chen, Chi-Hsien Chien, Chang-Zern Hong:
Effect of botulinum toxin on endplate noise in myofascial trigger spots of rabbit skeletal muscle.
American Journal of Physical Medicine and Rehabilitation. 81(7):512-520, 2002.
27. **Ta-Shen Kuan**, Chang-Zern Hong:
Sequential myofascial trigger point injection to treat a patient with myofascial pain syndrome associated with reflex sympathetic dystrophy: a case report.
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28. Chang-Zern Hong, Emerson Meng-Fong Jou, **Ta-Shen Kuan**, Shu-Min Chen, Jo-Tong Chen:
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- children [in Chinese].
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32. Tien-Sung Yeh, **Ta-Shen Kuan***, I-Ning Tang, Chia-Hui Chen, Chang-Zern Hong:
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 34. Liang-Shiuan Chen, **Ta-Shen Kuan***, Jo-Tong Chen, Wei-Jang Yen, Shu-Min Chen:
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 36. Chun-Fu Wang, Mou Chen, Min-Ta Lin, **Ta-Shen Kuan**, Chang-Zern Hong: Teres minor
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Hong: The myofascial trigger point region: Correlation between the degree of irritability and the
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 40. Yueh-Ling Hsieh, Mu-Jung Kao, **Ta-Shen Kuan**, Shu-Min Chen, Jo-Tong Chen, Chang-Zern
Hong: Dry needling to a key myofascial trigger point may reduce the irritability of satellite
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 41. **Ta-Shen Kuan**, Chang-Zern Hong, Jo-Tong Chen, Shu-Min Chen , Chi-Hsien Chieh:
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 48. Wei-Chih Lien, Jo-Tong Chen, Shu-Cheng Lin, Nai-Wen Guo, **Ta-Shen Kuan**: Clinical features
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 52. Chien-Tsung Tsai, Lin-Fen Hsieh, **Ta-Shen Kuan**, Mu-Jung Kao, Li-Wei Chou, Chang-Zern Hong: Remote effects of dry needling on the irritability of the myofascial trigger point in the upper trapezius muscle. *American Journal of Physical Medicine and Rehabilitation*. 89(2):133-140, 2010. [**SCI**, Impact factor: 1.695; Ranking:13/28].

PUBLICATIONS - BOOKS

Ta-Shen Kuan:

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PUBLICATIONS - CONFERENCE PROCEEDINGS

1. **Ta-Shen Kuan:** Evaluation and management of dysphagia. (Guest Speaker)
Proceedings of the Continue Medical Education Program of Tainan Medical Network.
October 6, 1996. Tainan, TAIWAN.
2. **Ta-Shen Kuan,** Fong-Chin Su, Chang-Zern Hong:
Gait analysis and its clinical correlation of stroke patients.
Proceedings of the 8th World Congress of the International Rehabilitation Medicine Association,
pp.367-371.
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3. **Ta-Shen Kuan,** Jui-Yi Tsou, Fong-Chin Su, Chang-Zern Hong:
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5. Shu-Min Chen, **Ta-Shen Kuan,** Jo-Tong Chen, Chang-Zern Hong:
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pp.605-610.
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PRESENTATIONS:

1. **Ta-Shen Kuan**, June-Liang Lu, Wen-Ling Cheng, Sang-I Lin, Tse-Chieh Hsueh:
A survey study of sports injuries in triathlon.
1992 Annual Meeting of Rehabilitation Medicine Association, Republic of China.
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2. **Ta-Shen Kuan**, Tzung-Cheng Kuo, Kuo-Chuan Kuo, Tse-Chieh Hsueh:
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6. Shu-Min Chen, Jo-Tong Chen, Yen-Chun Wu, **Ta-Shen Kuan**, Chang-Zern Hong:
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7. **Ta-Shen Kuan**, Fong-Chin Su, Chang-Zern Hong: Gait analysis of stroke patients - clinical correlation with temporal-spatial and kinematic parameters.
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8. **Ta-Shen Kuan**, Fong-Chin Su, Chang-Zern Hong: Gait analysis of stroke patients with or without cane - a preliminary report.
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10. Tse-Chieh Hsueh, **Ta-Shen Kuan**, Jo-Tong Chen, Shu-Min Chen, Chang-Zern Hong:
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11. Shu-Min Chen, Jo-Tong Chen, **Ta-Shen Kuan**, Chang-Zern Hong: Case report: myofascial trigger points in intercostal muscles secondary to herpes zoster infection to the intercostal nerve.
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12. Shiuann-Ming Chen, Yu-Chang Chang, **Ta-Shen Kuan**, Chang-Zern Hong:
Case report: cervical facet joint injection for the treatment of acute cervical radiculopathy related to cervical facet lesion.
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(Abstract: Am. J. Phys. Med. Rehabil. 76:169, 1997)
15. Chang-Zern Hong, Jo-Tong Chen, Shu-Min Chen, **Ta-Shen Kuan:**
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20. **Ta-Shen Kuan,** Chen-Te Wu, Shu-Min Chen, Jo-Tong Chen, Chang-Zern Hong:
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(Abstract: Archives of Physical Medicine and Rehabilitation 78:1042, 1997).
21. **Ta-Shen Kuan,** Fong-Chin Su, Chang-Zern Hong:
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19. **Ta-Shen Kuan,** Thy-Sheng Lin, Shu-Min Chen, Jo-Tong Chen, Chang-Zern Hong:
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Neuromuscular transmission of rabbit skeletal muscle trigger spot evaluated by single fiber electromyography.
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 29. Jo-Tong Chen, Shu-Min Chen, **Ta-Shen Kuan**, Chang-Zern Hong:
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Correlation between the degree of irritability and the prevalence of spontaneous electrical activity in myofascial trigger points.
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Inhibitory effect of dry needling on the spontaneous electrical activity of myofascial trigger spots of rabbit skeletal muscle.
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Correlation of different evaluation parameters on myofascial trigger points.
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The influence of Botulinum toxin type A on the spontaneous electrical activity in rabbit skeletal muscle trigger spot
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December 11-12, 1999. Taipei, Taiwan.
 35. Po-Hong Chen, **Ta-Shen Kuan**, Chang-Zern Hong:
Comparison of nerve conduction velocities for different types of nerve fibers in median nerve at forearm.
1999 Annual Meeting of Rehabilitation Medicine Association, Republic of China.
December 11-12, 1999. Taipei, Taiwan.
 36. Shu-Min Chen, Jo-Tong Chen, **Ta-Shen Kuan**, Chang-Zern Hong:
Comparative evaluation of various physical therapeutic modalities for the treatment on myofascial

- pain syndrome.
1999 Annual Meeting of Rehabilitation Medicine Association, Republic of China.
December 11-12, 1999. Taipei, Taiwan.
37. Hsiu-Fang Hsueh, Po-Hong Chen, **Ta-Shen Kuan**:
Spinal dural arteriovenous fistula: a case report.
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