

Table S1 Exclude studies

Intervention of control group was non-rehabilitation (n=58)
1. Peng YJ, Sun JH, Wang HS, et al. Observation of curative effect of electroacupuncture on patients with post-stroke pseudobulbar palsy. World Chinese Medicine 2015;(A02):2
2. Yan XZ, Feng LM, Observations on the Efficacy of Acupuncture plus Pricking on the Posterior Pharyngeal Flap in Treating Postapoplectic Pseudobulbar Palsy. Shanghai J Acu-Mox 2009;28:2
3. Pan R. Clinicl Study of Acupuncture Combine with Acupoint Injection Treating Pseudobulbar Paralysis Sequela After Ischemic Stroke. Henan College of Traditional Chinese Medicine 2010
4. Liu Y, Jin DD. Clinical Observations on Green--tortoise--exploring--point Method for the Treatment of Post--stroke Pseudobulbar Paralysis. Shanghai Journal of Acupuncture and Moxibustion 2013;32:3
5. Liang H, Huang LW, Huang XH, et al. Comparative study on the effect of traditional acupuncture and abdominal acupuncture therapy on pseudobulbar paralysis caused by ischemic stroke. Chinese Journal of Basic Traditional Chinese Medicine 2017;23:3
6. Wei DS. Treatment of 32 cases of pseudobulbar paralysis from the two meridians of heart and spleen. Henan Traditional Chinese Medicine 2012;32:3
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8. Yuan Y, Wang J, Huang XB. Clinical effects of acupuncture on post-stroke pseudobulbar palsy-induced dysphagia. Chinese Journal of Traditional Chinese Medicine 2019;34:1255-8

9. Yi ZK. Clinical observation of acupuncture at Fengchi and Fengfu as main acupoints in the treatment of dysphagia due to pseudobulbar paralysis after stroke. Heilongjiang University of Traditional Chinese Medicine 2013

10. Liu DD, Tong X, Kou JY. Influence of Acupuncture on Remodeling of Swallowing Functions for Patients with Pseudobulbar Palsy after Cerebral Infarction. Acupuncture and Tuina Medicine 2012;10:44-8

11. Zhang Y. Clinical study on acupuncture at Achou group points in the treatment of dysphagia caused by ischemic stroke and pseudobulbar palsy. Henan College of Traditional Chinese Medicine 2012

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13. Ma XL, Fu CR. Clinical Observation on 40 Cases of Ischemic Stroke Pseudobulbar Paralysis Dysphagia Treated by Acupuncture at Achou Point. Clinical Research of Traditional Chinese Medicine 2015;7:2

14. Li XL. Clinical study on the treatment of pseudobulbar palsy caused by stroke with acupuncture. Heilongjiang University of Traditional Chinese Medicine 2004

15. Zheng CZ. Clinical study on the treatment of stroke pseudobulbar palsy with acupuncture. Heilongjiang University of Traditional Chinese Medicine 2007

16. Yang YM. Clinical study on the Therapeutic effect of nape Acupuncture on pseudobulbar paralysis caused by Cerebrovascular accident. Heilongjiang University of Traditional Chinese Medicine 2003

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Acupuncture 2016;36:1027-30

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19. Liu ZM, Wei D, Chen L. Neck acupuncture combined with tongue acupuncture in the treatment of dysphagia due to pseudobulbar paralysis after stroke: a report of 30 cases. Henan Traditional Chinese Medicine 2018;38:4

20. Zhong XC, Liu XH, Zhang MF. 46 cases of pseudobulbar paralysis after stroke treated with nape acupuncture combined with abdominal acupuncture. Journal of Traditional Chinese Medicine 2007;48:2

21. Zheng ML. Clinical Study on the Effect of Nape Acupuncture Combined with Tongue Acupuncture on Dysphagia of Pseudobulbar Palsy after Stroke. Hubei University of Traditional Chinese Medicine 2017

22. Wang JY. Effect of xingnao Kaiqiao acupuncture on pseudobulbar paralysis after cerebral apoplexy. Medical Theory and Practice 2017;(3)

23. Wei D. Clinical observation of nape acupuncture plus tongue acupuncture in the treatment of pseudobulbar paralysis after stroke. Hubei Journal of Traditional Chinese Medicine 2012;34:2

24. Wang HJ. Clinical study of nape acupuncture, scalp acupuncture and tongue acupuncture in the treatment of pseudobulbar paralysis after ischemic stroke. Heilongjiang University of Traditional Chinese Medicine 2009

25. Zhang L, Sun YZ, Meng W. Effects of different acupuncture frequency on swallowing function and hemorheology in patients with pseudobulbar palsy after cerebral infarction. Medical Information 2012;25:1

26. Wang LD, Fang ZY, Lang BX. Observations on the Efficacy of Nape Eight-needle Acupuncture as Main Therapy for Dysphagia in Patients with

Post-stroke Pseudobulbar Palsy. Shanghai Journal of Acupuncture and Moxibustion 2019;38:6

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28. Zhu ZH. Observation on the Synergistic effect of Wuzang back Shu Point combined with neck Acupuncture on Clinical Rehabilitation treatment of pseudobulbar paralysis after Stroke. Guiyang College of Traditional Chinese Medicine 2009

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53. Lei YQ, Li RL, Lin QF. Treatment of 65 cases of pseudobulbar paralysis after Stroke with Zeng's Taiji Acupuncture. Liaoning Journal of Traditional Chinese Medicine 2013;40:2

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Intervention of treatment group was non-acupuncture or non-acupuncture combined with rehabilitation therapy (n=23)

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65. Liang JQ, Wu XY, Xie ZJ. Clinical study on the treatment of pseudobulbar paralysis after stroke by penetrating the posterior pharynx wall of Tianrong acupoint based on infrared thermography. Chinese Journal of Traditional Chinese Medicine 2019;(10):4

66. Wang JH, Zhang XY. Therapeutic effect of rehabilitation training combined with acupuncture on dysphagia after stroke. Chinese Community Doctors 2009;(5):1

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68. Zhang SZ, Zhang XQ, Xue WH, et al. Clinical effect of Huazhuo-Tongdu Acupuncture on pseudobulbar paralysis after stroke and its effect on

swallowing function and articulation function. Hebei Traditional Chinese Medicine 2016;38:4
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70. Luo XY. Observation on the Therapeutic effect of abdominal Acupuncture on pseudobulbar paralysis caused by Cerebral Infarction. Guangzhou University of Chinese Medicine 2009
71. Liu YP. Rehabilitation training combined with electroacupuncture to treat dysphagia after cerebral infarction. Journal of University of South China 2004;32:560-2
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77. Zhang J. 46 cases of pseudobulbar paralysis after Stroke treated by Huiwei Zhuyu decoction combined with Acupuncture. Chinese Journal of

Gerontology 2013;33:2

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Non-randomized controlled trials (n=11)

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Medicine 2005;36:1

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Reviews or meta-analysis (n=3)

93. Han J. Post-stroke dysarthria treated by acupuncture combined with speech-language training: bibliometric analysis and verification of clinical

efficacy. Chinese Journal of Tissue Engineering Research 2019;23:1013-7

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Participants were not with pseudobulbar paralysis (n=6)

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98. Ren TT. Comparison of effects of electrical stimulation and acupuncture on true and pseudobulbar paralysis after acute stroke. Chinese Minkang Medicine 2019;31:4

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100. Yang L, Huang KY, Wang J. Comparison of different methods in the treatment of dysphagia after acute cerebral apoplexy. Chongqing Medicine 2015;(22):3063-65

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Duplicated (n=2)

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