



Evidence Based Oncology Acupuncture

Treatment of Radiation Side Effects

TCM.AC Academy of Integrative Medicine

Evidence in Research **Head- and Neck-Cancer**

(LI-2), an acupoint used in clinical practice to treat xerostomia by stimulating saliva production. From selected Pubmed search beginning of 2014

Acupuncture for pilocarpine-resistant xerostomia following radiotherapy for head and neck malignancies. *Int J Radiat Oncol Biol Phys* 2001, 50(2):353-7.

Wong RK, Jones GW, Sagar SM, Babjak AF, Whelan T: **A Phase I-II study in the use of acupuncture-like transcutaneous nerve stimulation in the treatment of radiation-induced xerostomia in head-and-neck cancer patients treated with radical radiotherapy. *Int J Radiat Oncol Biol Phys* 2003, 57(2):472-80**

LI-2), an acupoint used in clinical practice to treat xerostomia by stimulating saliva production. Acupuncture for pilocarpine-resistant xerostomia following radiotherapy for head and neck malignancies. *Int J Radiat Oncol Biol Phys* 2001, 50(2):353-7.

A Phase I-II study in the use of acupuncture-like transcutaneous nerve stimulation in the treatment of radiation-induced xerostomia in head-and-neck cancer patients treated with radical radiotherapy. *Int J Radiat Oncol Biol Phys* 2003, 57(2):472-80.

Acupuncture for xerostomia: clinical update. *Cancer* 2002, 94(4):1151-6.

A randomised trial of acupuncture v oral care sessions in patients with chronic xerostomia following treatment of head and neck cancer. *Ann Oncol.* 2013 Mar;24(3):776-83

ARIX: a randomised trial of acupuncture v oral care sessions in patients with chronic xerostomia following treatment of head and neck cancer. *Ann Oncol.* 2013 Mar;24(3):776-83. doi:*Oncol.* 2013 Mar;24(3):776-83.

The Preventive and Therapeutic Effect of Acupuncture for Radiation-Induced Xerostomia in Patients With Head and Neck Cancer: A Systematic Review. *Integr Cancer Ther.* 2012 Jul 16



Evidence Based Oncology Acupuncture

Treatment of Radiation Side Effects

TCM.AC Academy of Integrative Medicine

•Sham-controlled, randomised, feasibility trial of acupuncture for prevention of radiation-induced xerostomia among patients with nasopharyngeal carcinoma.
Eur J Cancer. 2012

Phase 2 results from Radiation Therapy Oncology Group Study 0537: a phase 2/3 study comparing acupuncture-like transcutaneous electrical nerve stimulation versus pilocarpine in treating early radiation-induced xerostomia.

Cancer. 2012 Sep 1;118(17):4244-52.

Randomized controlled trial of acupuncture for prevention of radiation-induced xerostomia among patients with nasopharyngeal carcinoma.

Cancer. 2012 Jul 1;118(13):3337-44.

Acupuncture for the prevention of radiation-induced xerostomia in patients with head and neck cancer. **Braz Oral Res. 2011** Mar-Apr;25(2):180-5.

Relief of radiation-induced xerostomia with acupuncture treatment: a case presentation.

PM R. 2011 Jan;3(1):85-7.

Acupuncture and xerostomia.

Acupunct Med. 2010 Dec;28(4):167-8

Clinical effectiveness and safety of acupuncture in the treatment of irradiation-induced xerostomia in patients with head and neck cancer: a systematic review. **Acupunct Med. 2010** Dec;28(4):191-9.

Acupuncture for dysphagia after chemoradiation therapy in head and neck cancer: a case series report. **Integr Cancer Ther. 2010** Sep;9(3):284-90. doi:

Phase II Randomized Trial of Acupuncture-Like Transcutaneous Electrical Nerve Stimulation to Prevent Radiation-Induced Xerostomia in Head and Neck Cancer Patients.

J Soc Integr Oncol. 2010 Spring;8(2):35-42.

Group acupuncture to relieve radiation induced xerostomia: a feasibility study.

Acupunct Med. 2009 Sep;27(3):109-13.

Acupuncture as an optional treatment for hospice patients with xerostomia: an intervention study. **Int J Palliat Nurs. 2009** Jan;15(1):12-20.

The effect of acupuncture on salivary flow rates in patients with radiation-induced xerostomia. 2008 Jul-Aug;57(7-8):343-8.



Evidence Based Oncology Acupuncture

Treatment of Radiation Side Effects

TCM.AC Academy of Integrative Medicine

Functional magnetic resonance imaging (fMRI) changes and saliva production associated with acupuncture at LI-2 acupuncture point: a randomized controlled study. *BMC Complement Altern Med.* 2008 Jul 7;8:37.

Manual acupuncture improved quality of life in cancer patients with radiation-induced xerostomia. *J Altern Complement Med.* 2008 Jun;14(5):523-6.

**Acupuncture: integration into cancer care. *J Soc Integr Oncol.* 2006 Spring;4(2):86-92. Review
Acupuncture in the treatment of xerostomia: clinical report.
WM.Gen Dent. 2005 May-Jun;53(3):223-6; quiz 227.**

**Treatment of xerostomia in prosthetic patients using local acupuncture points on the face.
Contemp Dent Pract. 2004 Nov 15;5(4):133-8.**