230 CLINICAL PEARLS

## Diagnosis by Hearing in Complementary and Alternative Medicine<sup>3</sup>

- Hiccup with a loud sound designates a "full" pattern (commonly, Liver Qi invades the Stomach)
- Hiccup with a quiet, low sound represents an "empty" pattern (often Stomach Qi or Stomach Yin deficiency).

# Differential Diagnosis by Observation, Palpation, and Interrogation<sup>4</sup>

- · Retention of food
  - Symptoms: loud hiccup, epigastric and abdominal distention, and anorexia
  - Signs: thick, sticky tongue coating; rolling and forceful pulse.
- · Stagnation of Qi
  - Symptoms: continual hiccups, distending pain, and feeling of oppression in chest
  - Signs: thin tongue coating; string-taut and forceful pulse.
- Cold in the Stomach
  - Symptoms: slow and forceful hiccups relieved by heat and aggravated by cold
  - Signs: white, moist tongue coating, and slow pulse; epigastric discomfort.

## Complementary and Alternative Medicine Treatment

Reducing is advised for retention of food and stagnation of Qi, while both acupuncture and moxibustion may be used for "cold" in the Stomach.

- Common Points
  - Geshu (BL 17), Zhongwan (Ren 12), Neiguan (PC 6), Zusanli (ST 36)
- Supplementary Points
  - Retention of food: Juque (Ren 14), InnerNeiting (Extra)
  - Stagnation of Qi: Tanzhong (Ren 17), Taichong (LV 3) Cold in the Stomach: Shangwan (Ren 13).
- Cupping
  - May be considered in Geshu (BL 17), Gequan (BL 46), Ganshu (BL 18), Zhongwan (Ren 12), Rugen (ST 18).

#### REFERENCES

- 1. Johnson DL. Intractable hiccups: treatment by microvascular decompression of the vagus nerve. Case Report. *J Neurosurg*. 1993;78:813–816.
- 2. Payne BR, Tiel RL, Payne MS, Fisch B. Vagus nerve stimulation for chronic intractable hiccups. Case report. *J Neurosurg*. 2005;102:935–937.

- 3. Maciocia G. *The Foundations of Chinese Medicine*. 2nd ed. Philadelphia, PA: Churchill Livingstone; 2005:378.
- 4. Xinnong C, chief ed. *Chinese Acupuncture and Moxibustion*. 2nd ed. Beijing, China: Foreign Language Press; 1990:392.

Eric S. Hsu, MD Pain Management Center Clinical Professor, Department of Anesthesiology David Geffen School of Medicine at UCLA 1245 16th Street, Suite 225 Santa Monica, CA 90404

E-mail: ehsu@mednet.ucla.edu

RADITIONAL CHINESE MEDICINE (TCM) attributes hiccups to Heat or Cold in the Stomach, Yin or Yang Deficiency in the Spleen/Stomach, and Phlegm Stagnation. Treatment involves choosing a few points from a number of standard points, supplemented by points to alleviate diaphragmatic tension and strategies directed toward the specific TCM categories. Several sessions may be required, although dramatic responses to a single treatment are possible. General points include GV 14, CV 22, CV 12, LI 4, ST 36, MH 6, and BL 20,21. Points to address diaphragmatic tension include BL 17 and LV 14. Additional points to address Heat, Cold, Deficiency, or Phlegm are listed in Table 1.

Ear points can be a useful adjunct and include Diaphragm, Stomach, Spleen, Liver, and Shenmen. However, before trying any of the above, it is always worth trying GV 14, either alone or in combination with CV 22.<sup>2</sup>

#### REFERENCES

- 1. Zhao C. Acupuncture and moxibustion treatment of hiccup. *J Chin Med.* 1990;33:25–26.
- Liu FC, Chen CA, Yang SS, Lin SH. Acupuncture therapy rapidly terminates intractable hiccups complicating acute myocardial infarction. *South Med J.* 2005;98(3):385–387. http://www.medscape.com/viewarticle/501978\_print.

Michael T. Greenwood, MD, MB, BCHIR, CCFP, FCFP, DABMA, FAAMA 103-284 Helmcken Road Victoria, BC, V9B 1T2 Canada

E-mail: michaeltgreenwood@shaw.ca

TABLE 1. ADDITIONAL POINTS TO ADDRESS HEAT, COLD, DEFICIENCY, AND PHLEGM

CM Pattern	Points
Stomach Cold	SP 21 and CV 12 with Moxa
Stomach Heat with upsurge	ST 44
Phlegm Stagnation with upsurge	LV 3,14, ST 40, BL18
Spleen/Stomach Yang Deficiency	
Stomach Yin Deficiency	BL 17, SP 6