suppress appetite and enhance satiety paired with the ability to fight this weightretaining thyroid response, we have been able to assist many people to reach and maintain normal weight. We submit these ideas hoping that others will join us in re-evaluating thyroid treatment when maladaptive hypothyroidism occurs during weight loss attempts. Clinicians must use clinical skills and patient-centered concerns in the optimum evaluation and treatment of their patients and not succumb to blindly following an arbitrary system of defined normal lab values in making therapeutic decisions that greatly affect the well-being of their patients.

References

- 1. Rowsemitt, C.N. and Najarian, T.: TSH is not the answer: Rationale for a new paradigm to evaluate and treat hypothyroidism, particularly associated with weight loss. *Thyroid Science*, 6(6):H1-16, 2011.
- 2. Ma, C., Xie, J., Huang, X, et al.: Thyroxine alone or thyroxine plus triiodothyronine replacement therapy for hypothyroidism. *Nucl. Med. Commun.*, 30(8):586 593, 2009.
- 3. United Kingdom National Health Service: NHS Choices: Liothyronine Sodium (Liothyronine 20 microgram solution for injection ampoules), 2011. .
- 4. Guy Grand, B., Apfelbaum, M., Crepaldi, G., et al.: International trial of long term dexfenfluramine in obesity. *Lancet*, 2(8672):1142 1145, 1989.
- Smith, S.R., Weissman, N.J., Anderson, C.M., et al.: Multicenter, placebo controlled trial of lorcaserin for weight management. N. Engl. J. Med., 363(3):245-

- 256, 2010.
- Mayo Clinic Staff: Gastric bypass surgery: What you can expect. October 2, 2009. http://www.mayoclinic.com/health/gastric bypass/MY00825/DSECTION=what you can expect>.
- 7. Lansky, D. and Brownell, K.D.: Estimates of food quantity and calories: Errors in self report among obese patients. *Am. J. Clin. Nutr.*, 35(4):727-732, 1982.
- 8. Forest Laboratories.: Armour Thyroid® (thyroid tablets, USP) prescribing information. http://www.frx.com/pi/armourthyroid_pi.pdf, 2010>.
- 9. Forest Laboratories.: Armour thyroid (thyroid tablets USP) frequently asked questions. http://www.armourthyroid.com/con faqs.aspx, 2011.
- 10. Wing, R.R., and Hill, J.O.: Successful weight loss maintenance. *Ann. Rev. Nutr.*, 21:323 341, 2001.
- 11. Cody V.: Thyroid hormone interactions: Molecular conformation, protein binding, and hormone action. *Endocr. Rev.*, 1(2):140-166, 1980.
- 12. Abdel-Fattah, K.I., Bobek, S., Pietras, M., et al.: Hypometabolic effect of 3,3',5'-triiodothyronine in chickens: Interaction with hypermetabolic effect of 3,5,3'-triiodothyronine. *Gen. Comp. Endocrinol.*, 77(1):9-14, 1990.
- 13. Derry, David.: re: TSH tests. (interview), 2000 http://thyroid.about.com/od/thyroiddrugstreatments/l/blderryb.htm>.
- 14. Clinical and Laboratory Standards Institute (CLSI): Defining, Establishing, and Verifying Reference Intervals in the Clinical Laboratory; Approved Guideline, 3rd edition (C28 A3), 2008.
- 15. Medvei, V.C.: The History of Clinical Endocrinology: A Comprehensive Account of Endocrinology from Earliest Times to the Present Day, 2nd edition. Pearl River, NY, Parthenon Publishing Group, 1982.
- 16. *Harrison's Principles of Internal Medicine*, 16th edition. Edited by D.L. Kasper, E. Braunwald, S. Hauser, et al. New York: McGraw Hill, 2005.