

36

3|8 3|9 4|0 4|1 4|2 4|3 4|4 4|5 4|6 41 48 4

Training for Physicians and Other Healthcare Professionals

WEIGHT MANAGEMENT & MEDICAL FITNESS

℃ 1 (866) 366-1576 www.EmpireMedicalTraining.com

1-DAY PROGRAM



©Copyright 2018 Empire Medical Training, Inc. All rights reserved. Duplicating, using or copying any portion of this work will subject the offender to significant statutory damages and attorney fees regardless of any citation or attribution of this work. For rights and permissions contact the legal department at Empire Medical Training, Inc prior to any proposed use of any part of the copyrighted work.

Empire Medical Training "Seminar Etiquette"

Do's

- 1. Learn a lot
- 2. Enjoy the program
- 3. Ask questions
- 4. Make new friends
- 5. Eat/drink during the event (non alcoholic please)
- 6. Stretch and take breaks as needed

Don'ts

- 1. Interrupt the speakers
- 2. Create a conversation/monologue with the instructor
- 3. Talk on your cell phone in the classroom during the seminar
- 4. Be disruptive or argumentative with any staff member, instructor or attendee during the program. (Sorry, we must enforce this "DON'T". Our primary concern is to ensure all attendees have maximally benefited from our event). Hotel security will escort from the seminar (without refund) anyone who is deemed by any Empire staff member to be disruptive, argumentative or a distraction to other attendees.

Thank you in advance for your cooperation. Please enjoy the program.

Physician Medical Weight Loss Training

AGENDA

8:00am-8:30am • Registration.

8:30am–9:30am • Epidemiology of Obesity in the USA. Lifestyle & Environmental factors behind the epidemic of obesity. Effects of adrenal, thyroid and gonadal hormone imbalance on obesity.

9:30am--11:00am • hCG Diet Plan, protocols, contraindications, delivery methods, and compliance issues. MIC Injections, Vitamin B-12, meal replacements, and other supplements. Exercise and Weight Loss Compliance.

11:00am–11:15am • Break.

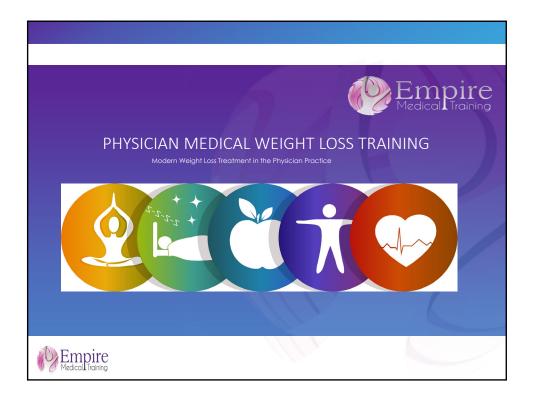
11:15am–12:30pm • Metabolic Syndrome (Syndrome X), Hypothyroidism, Why most adults are overweight, Diagnosis, Testing, and Treatment; Protocols for prescribing.

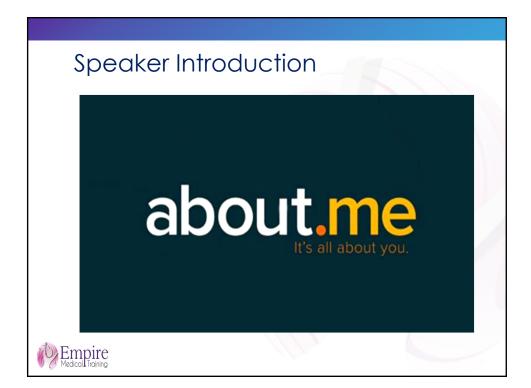
12:30pm-1:30pm • Lunch (on your own).

1:30pm–3:15pm • Medical Weight Loss Patient, Pre-existing conditions, Pharmacologics and drug interaction. Customizing a Personal Weight Loss Plan with medical at risk patients. Weight Loss Supplements – when and how to use them. Interaction & Precautions. Prescription and OTC Protocols will be discussed.

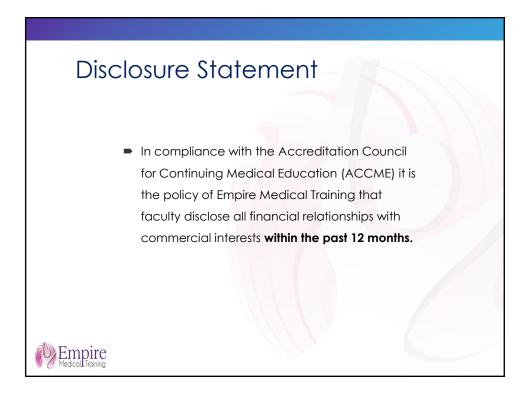
3:15pm-3:30pm • Break.

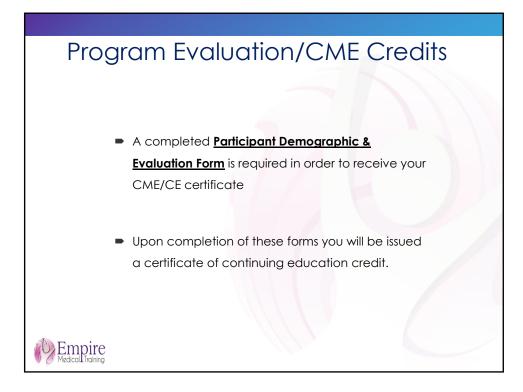
3:30pm–4:30pm • Implementing weight loss into your practice and after weight loss maintenance programs. Insurance, Testing, Follow up, and special considerations. How to startup your weight loss practice and incorporate it to your existing patients and community.

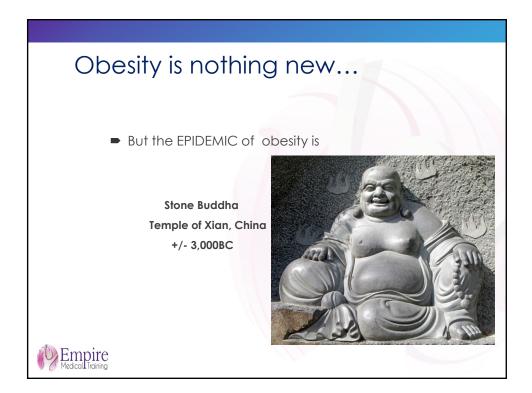








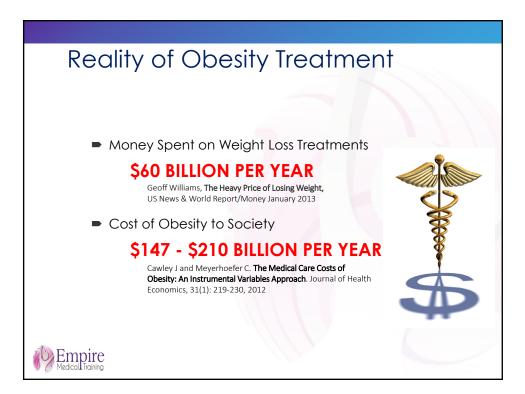


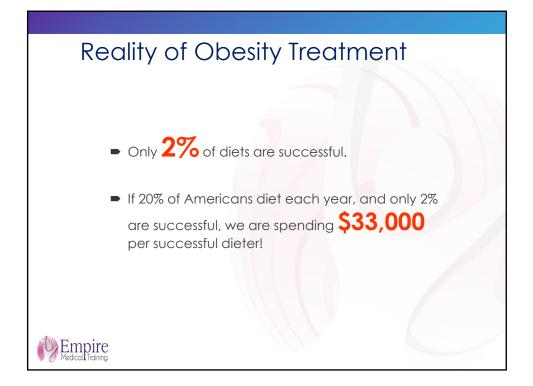


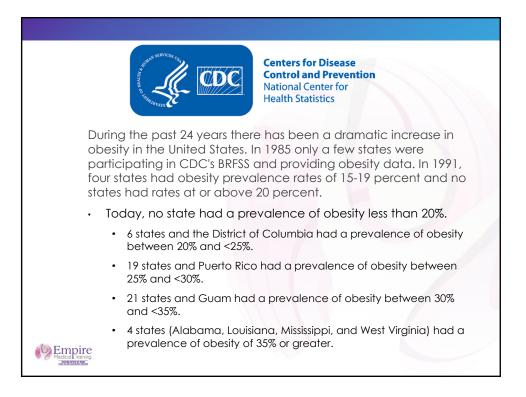
Reality of Obesity Treatment

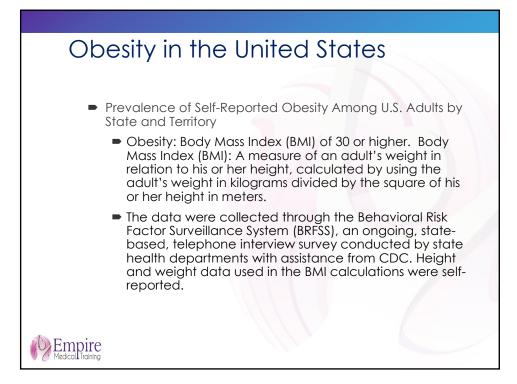
- How much did you learn in med school?
- Biochemistry of the obese is different
 - Even after weight loss, the biochemistry of the formerly obese person is different from the person who never gained weight
- No longer an issue of "willpower"
- Many genetic factors still undiscovered
- The "Disease of Diseases"
 - Far-reaching pathophysiology and insidious comorbidities.



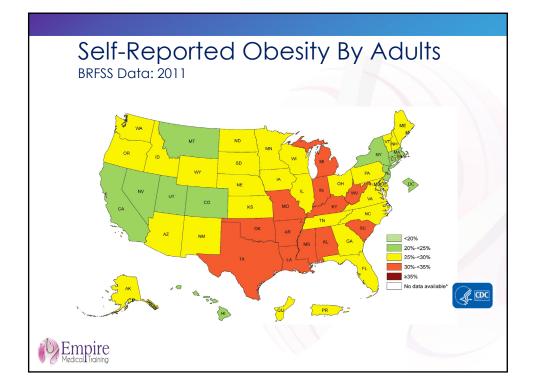


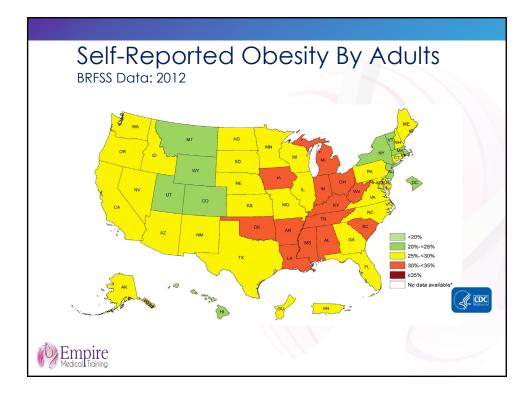


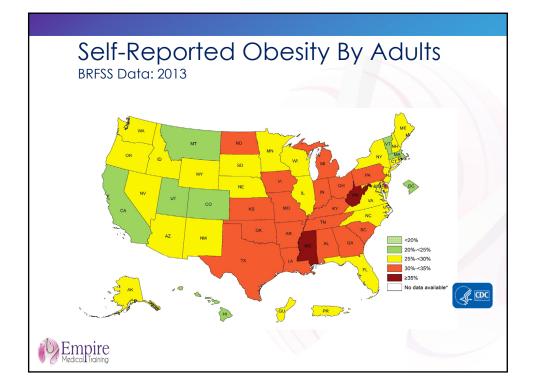


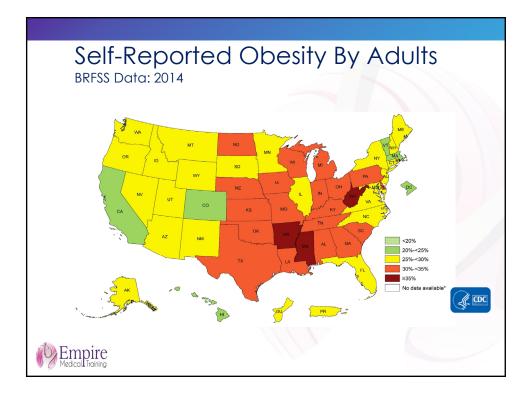


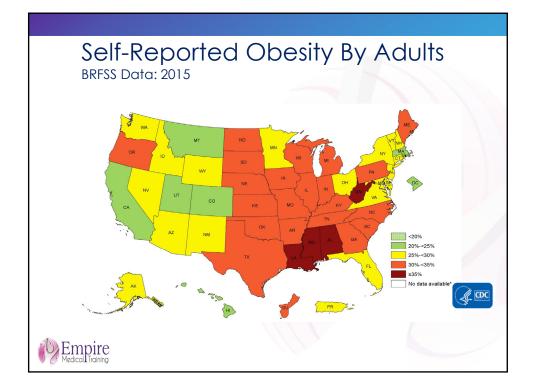


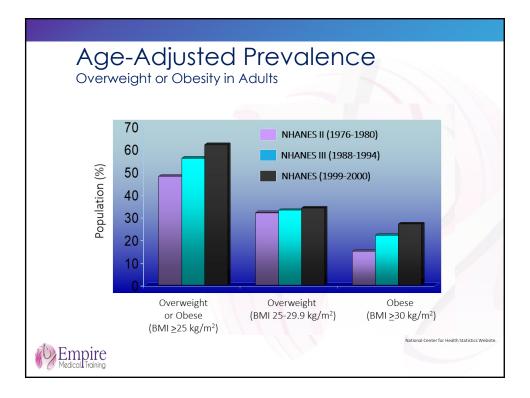


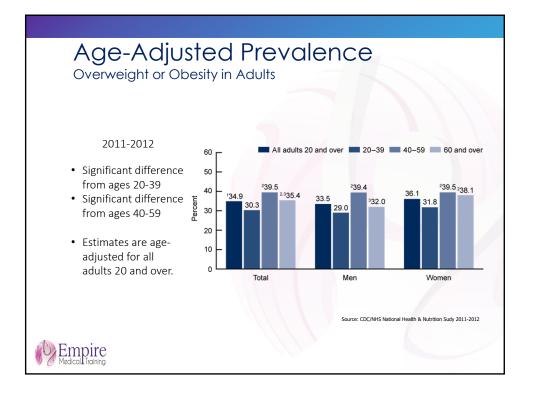


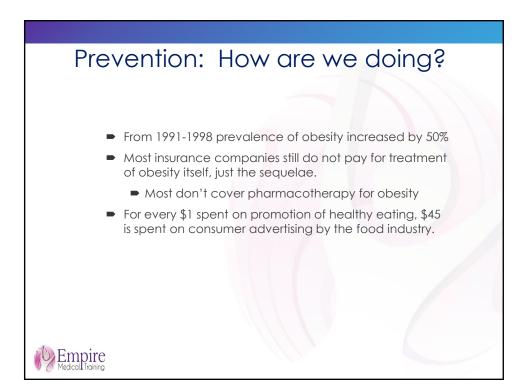


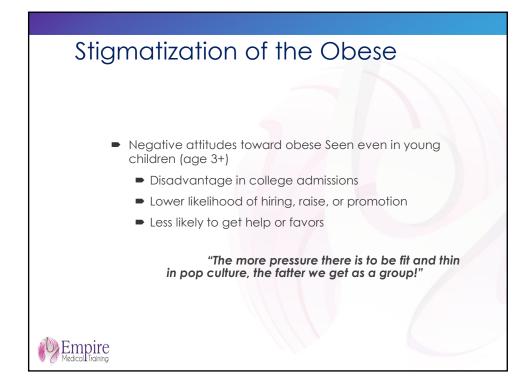


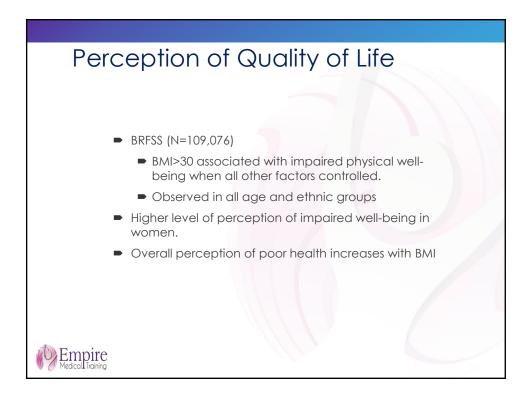


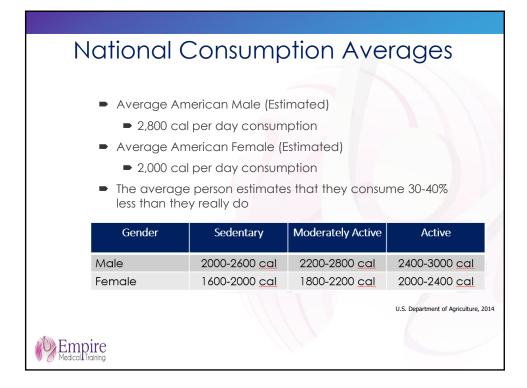


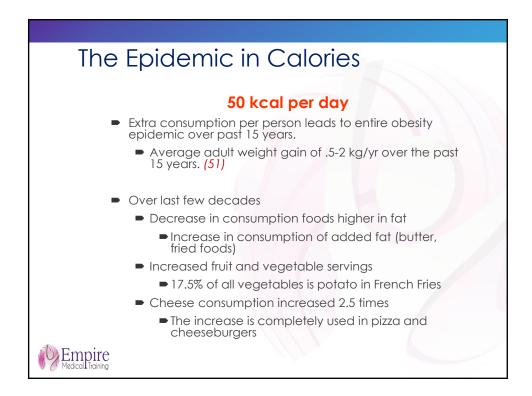










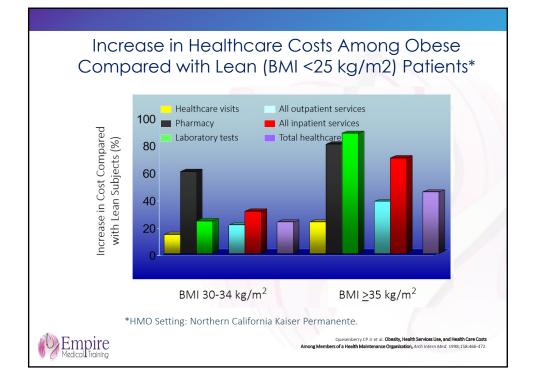


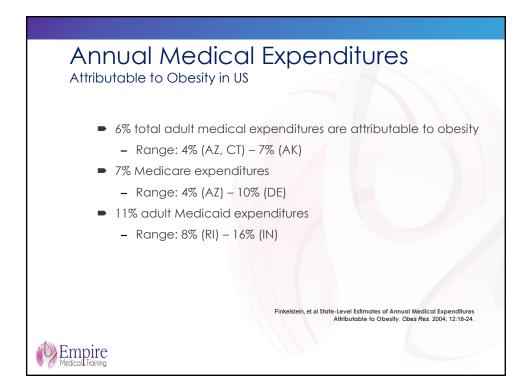
Portion Size / High Energy Foods

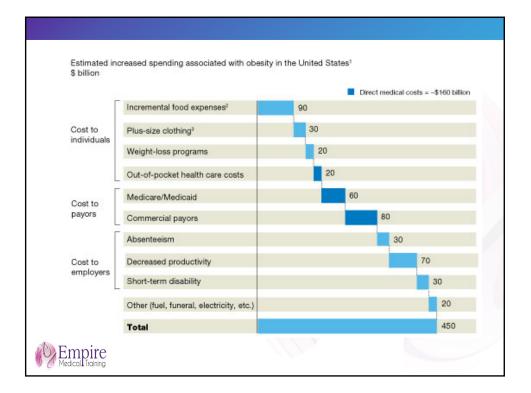
- The more food on the plate, the more we eat!
 - Larger plate sizes
 - Larger portions in restaurants
- UNC Study consumption from 1977 to 1996
 - Salty snacks increased by 93 calories or 0.6 ounces
 - Soft drinks by 49 calories or 6.8 ounces.
 - Hamburgers by 97 calories or 1.3 ounces
 - French fries by 68 calories or 0.5 ounces.
 - Mexican food by 133 calories, or 1.7 ounces

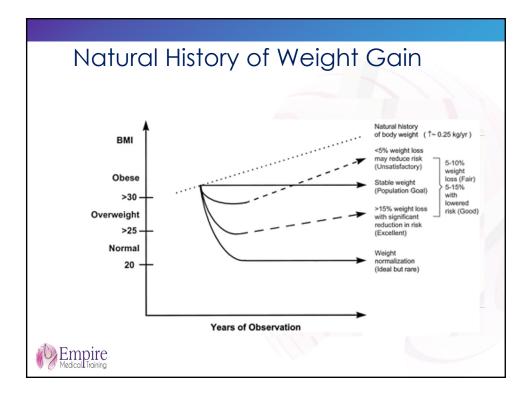
Empire Medical Training



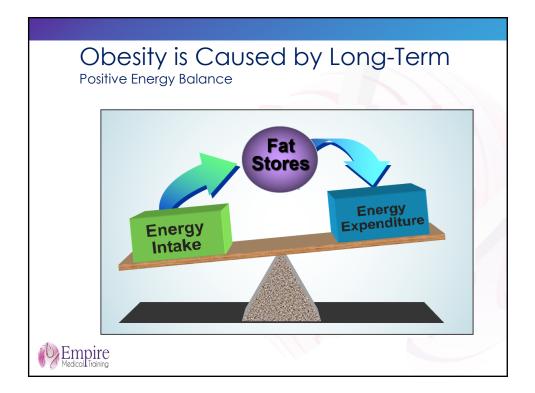




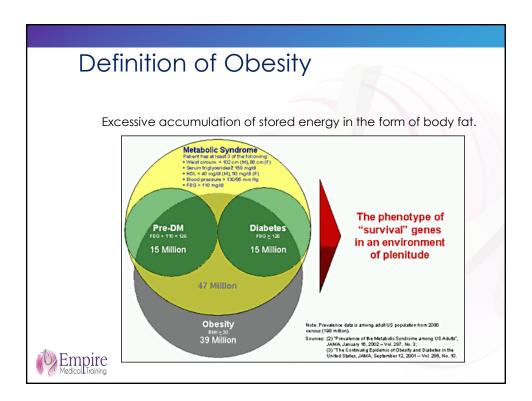






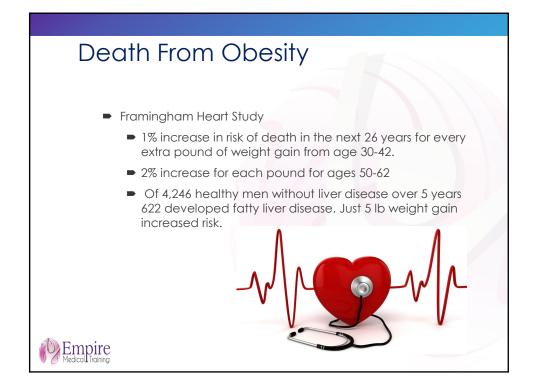


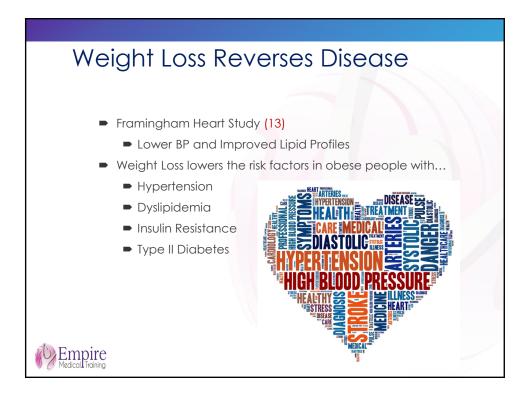


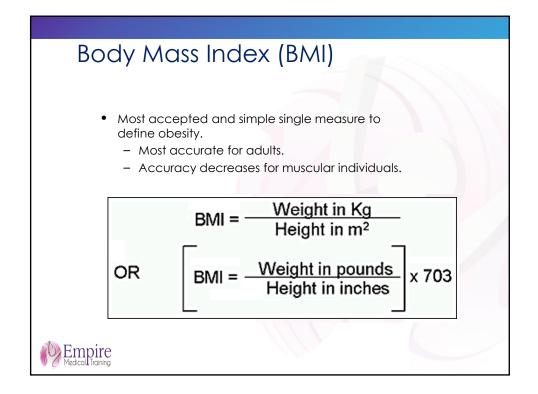


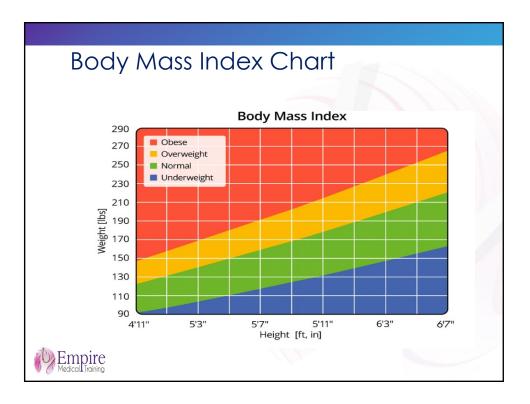


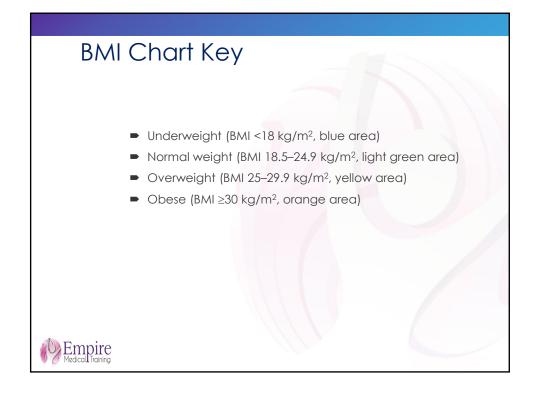


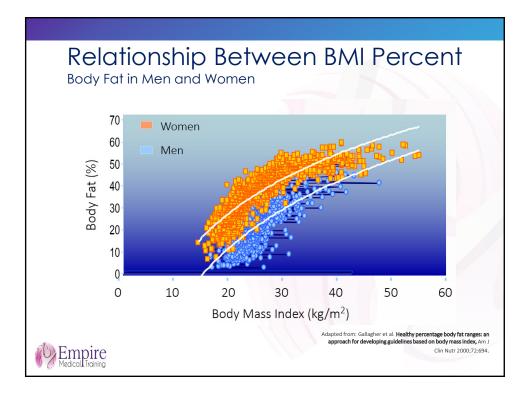




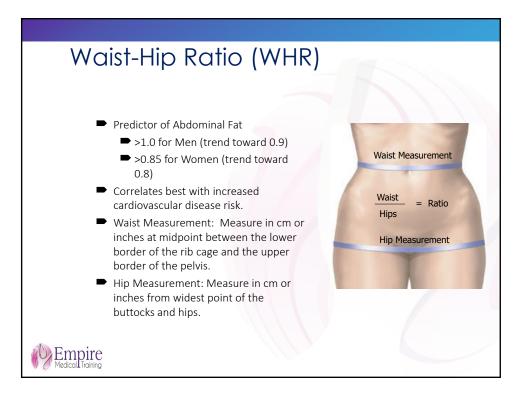




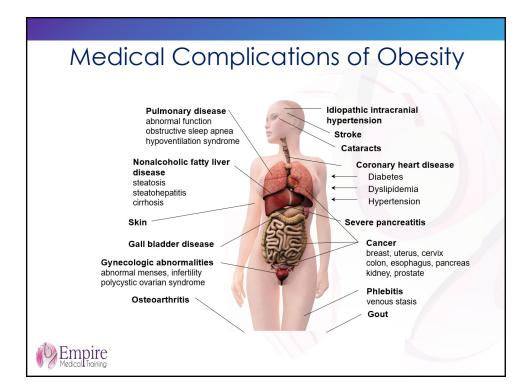




Classification		BMI (kg/m ²)	Risk	Additional risks: •Large waist
Underweight		<18.5	Increased	circumference (men>40 in;
Normal		18.5-24.9	Normal	women >35 in) •5 kg or more
Overweight		25.0-29.9	Increased	weight gain since
Obese	Т	30.0-34.9	High	age 18-20 yrs •Poor aerobic
	П	35.0-39.9	Very High	fitness •Specific races
		<u>></u> 40	Extremely high	and ethnic groups

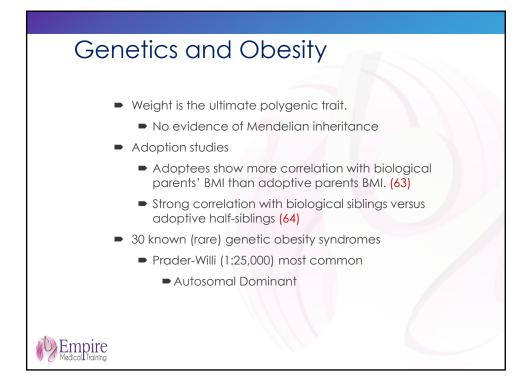


Wai	st to Hip (Circumferen	ce Ratio Stand	ards for Men	and Wome
		Disease Risk Related to Obesity			
	Age (years)	Low	Moderate	High	Very High
MEN	20-29	<0.83	0.83-0.88	0.89-0.94	>0.94
	30-39	<0.84	0.84-0.91	0.92-0.96	>0.96
	40-49	<0.88	0.88-0.95	0.96-1.00	>1.00
	50-59	<0.90	0.90-0.96	0.97-1.02	>1.02
	60-69	<0.91	0.91-0.98	0.99-1.03	>1.03
WOMEN	20-29	<0.71	0.71-0.77	0.78-0.82	>0.82
	30-39	<0.72	0.72-0.78	0.79-0.84	>0.84
	40-49	<0.73	0.73-0.79	0.80-0.87	>0.87
	50-59	<0.74	0.74-0.81	0.82-0.88	>0.88
	60-69	<0.76	0.76-0.83	0.84-0.90	>0.90

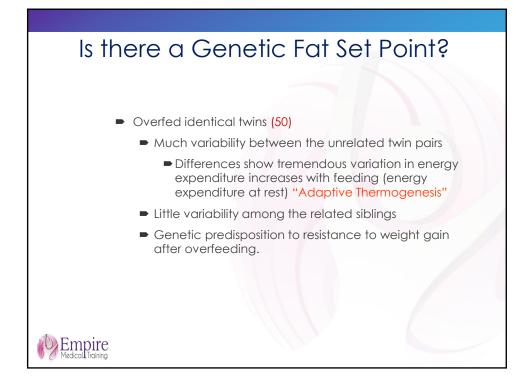


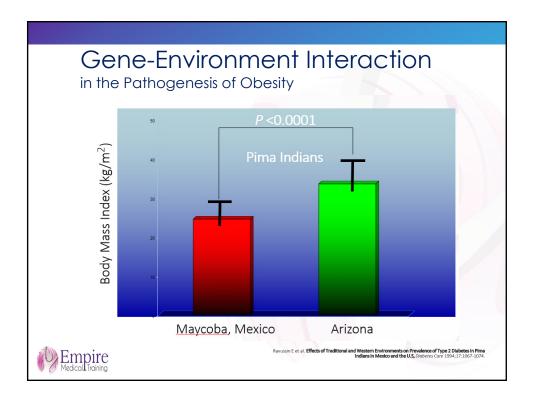


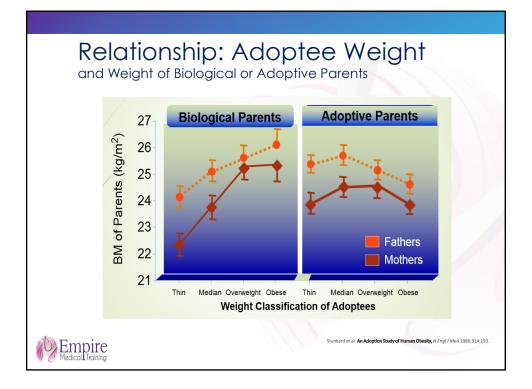


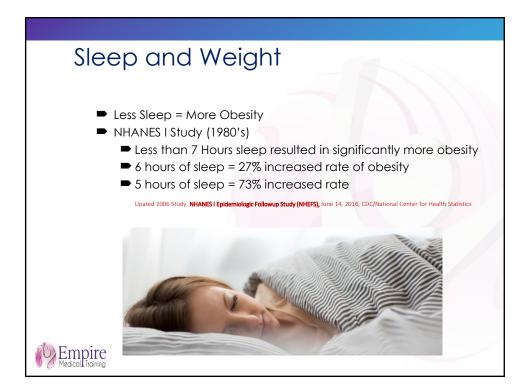








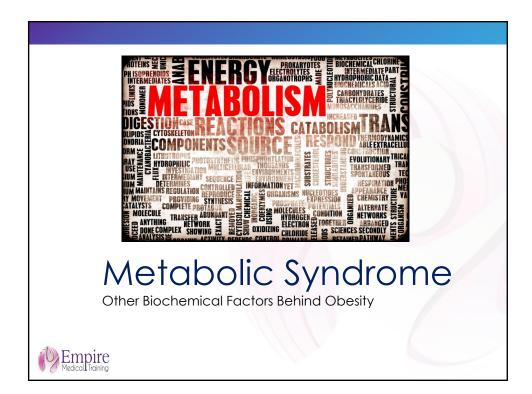


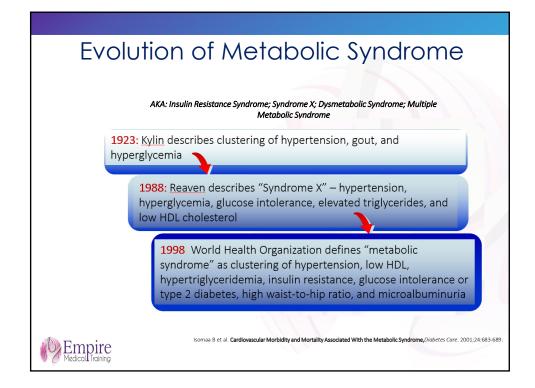


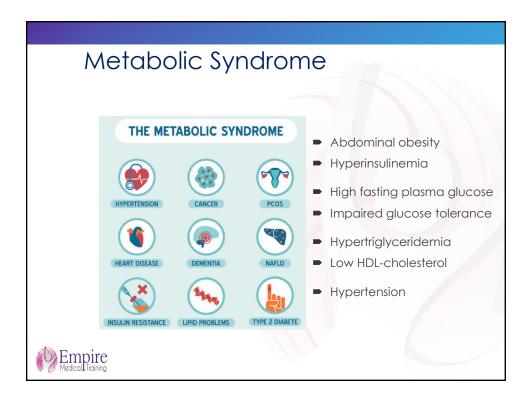


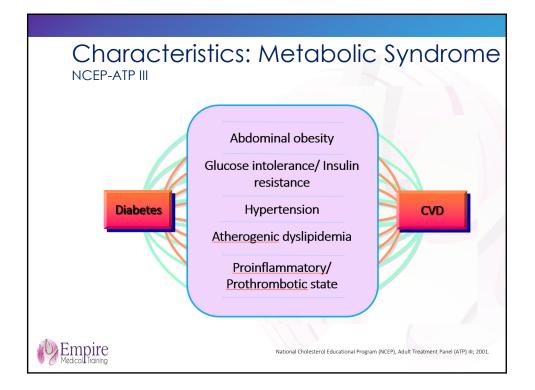




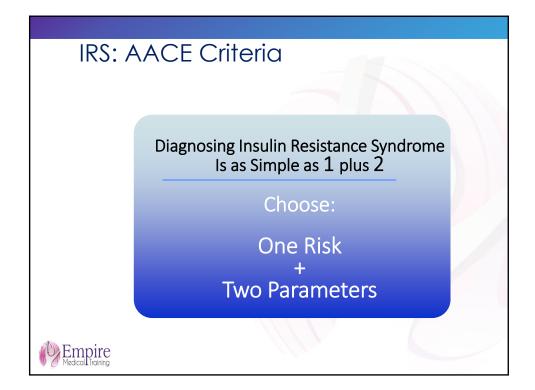


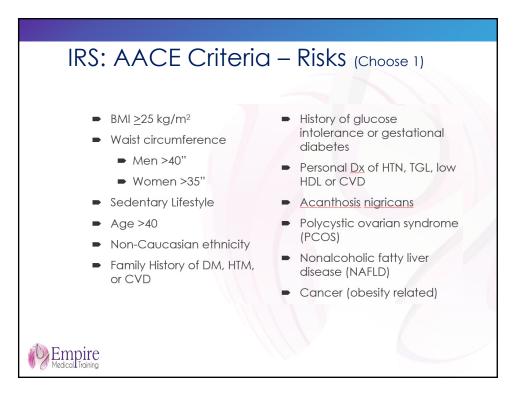


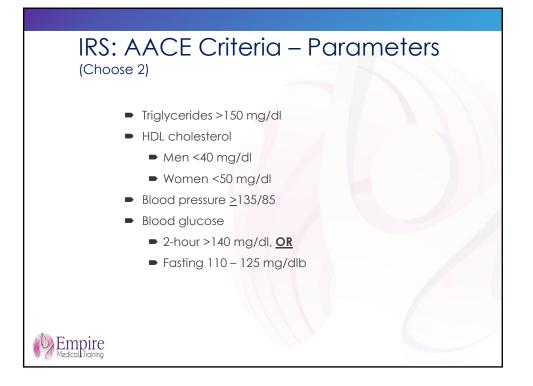


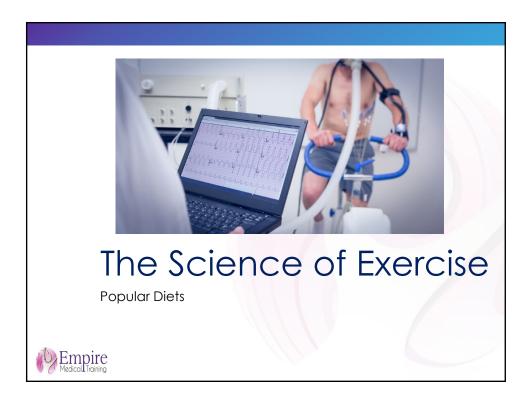


NC	EP-ATP III *				
*Di	agnosis is established when	23 of these risk factors are present			
	Risk Factor	Defining Level			
	Abdominal obesity				
	(Waist circumference)				
	Men	>102 cm (>40 in)			
	Women	>88 cm (>35 in)			
	TG	≥150 mg/ <u>dL</u>			
	HDL-C				
	Men	<40 mg/ <u>dL</u>			
	Women	<50 mg/dL			
	Blood pressure	≥130 / ≥85 mm Hg			
	Fasting glucose	<u>≥100 mg/dL</u>			
	Expert Panel on Detection, Evaluation, and Treatment of High Blood Cholesterol in Adults. JAMA. 2001;285:2486-2497				
Medical Training	** 2010 New ADA IFG criteria (Diabetes Care) American Diabetes Associatic Diabetes Care 2010 Jan; 33(Supplement 1): S62-S6				







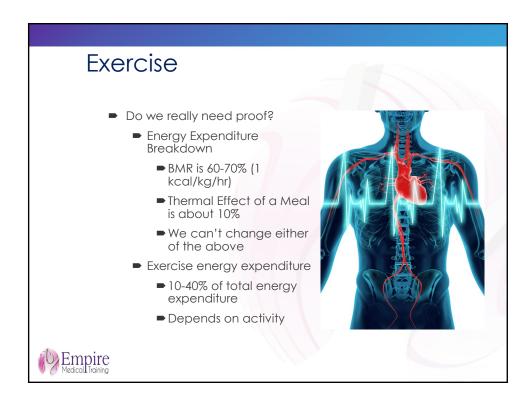


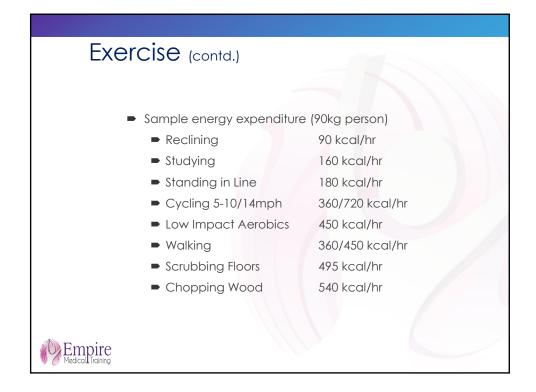
Benefits of Regular Physical Activity Obese Persons

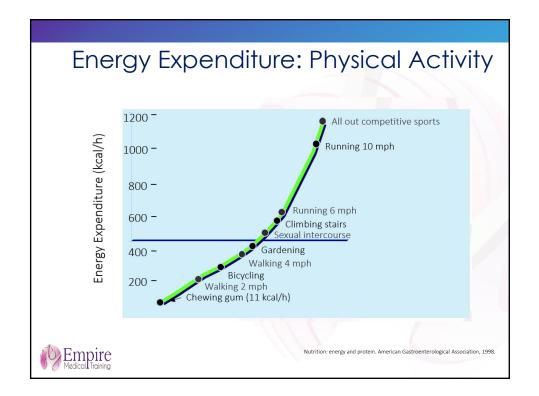
- Decreases loss of fat-free mass associated with weight loss
- Improves maintenance of weight loss
- Improves cardiovascular and metabolic health, independent of weight loss

Empire

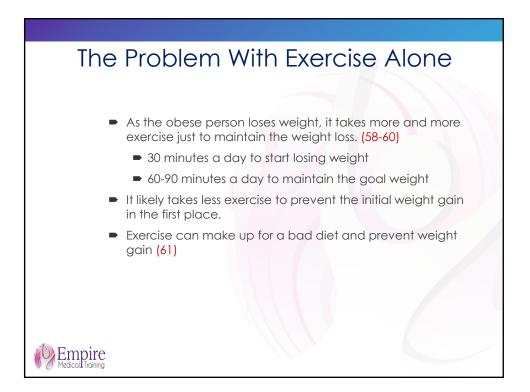


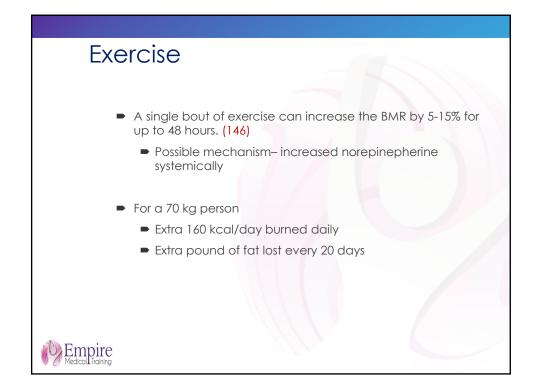


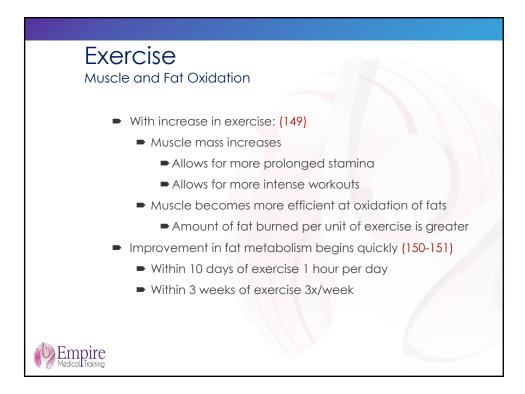


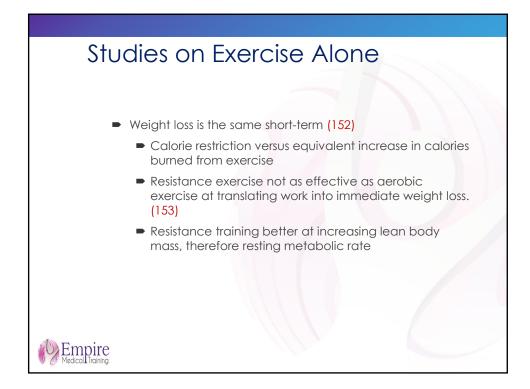


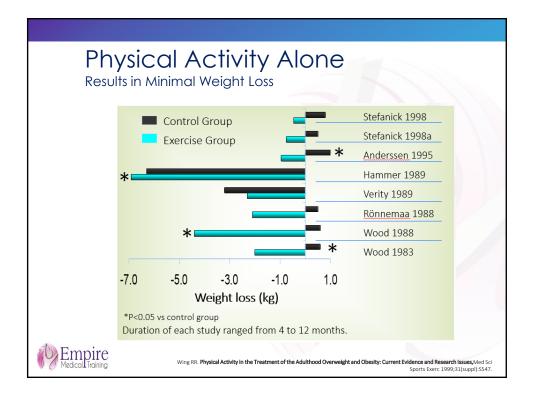


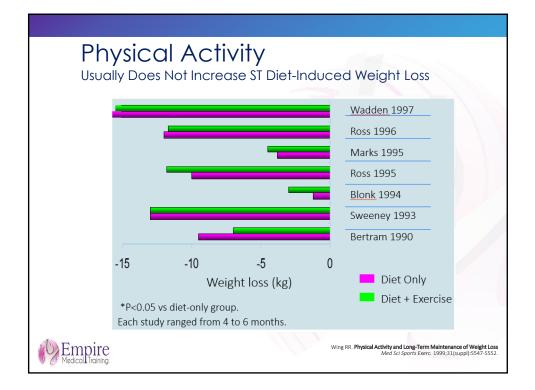




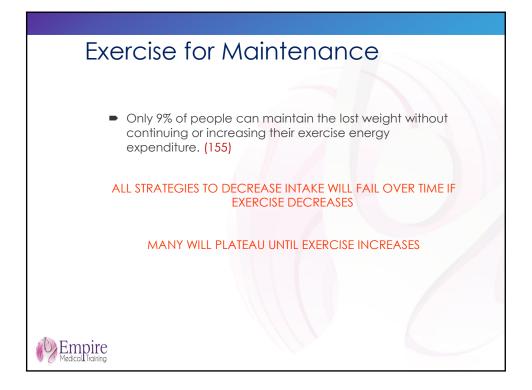


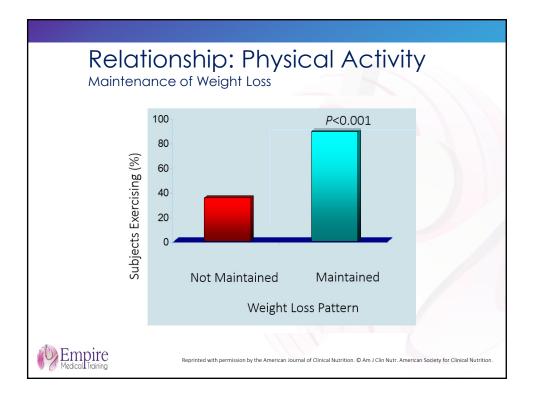


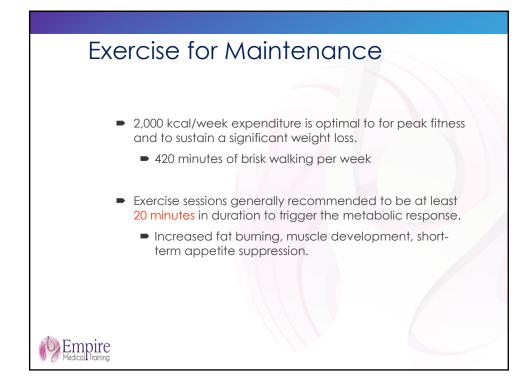


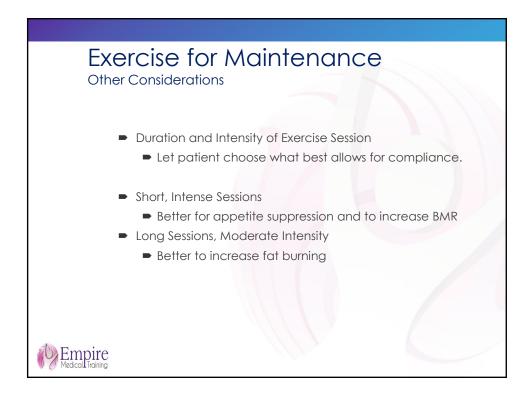


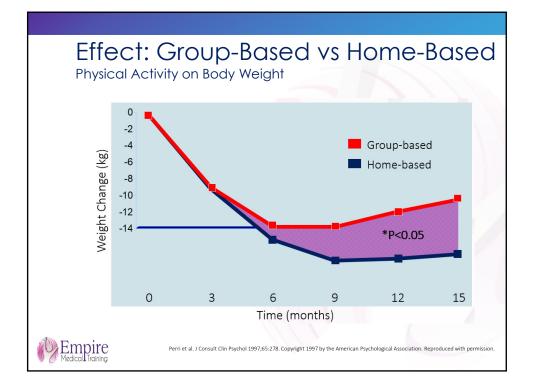


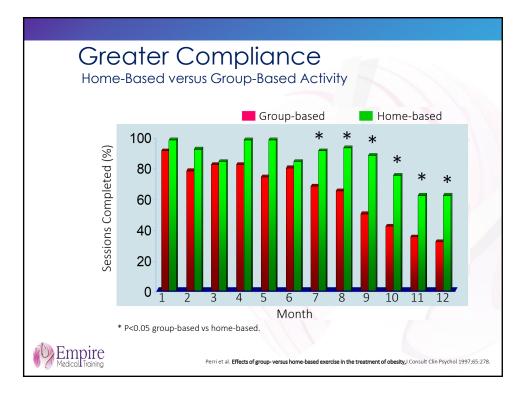


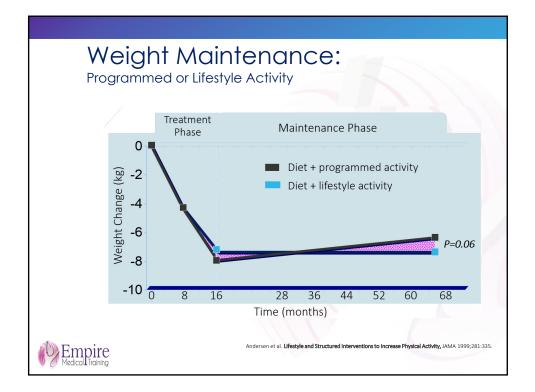


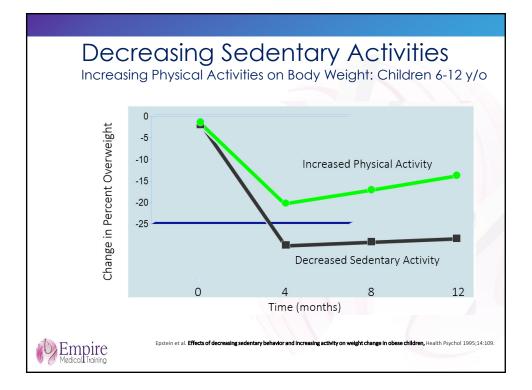






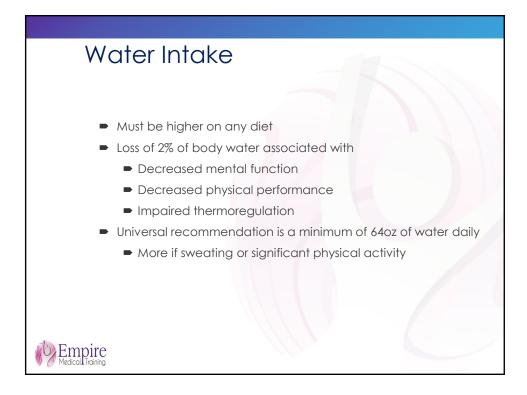


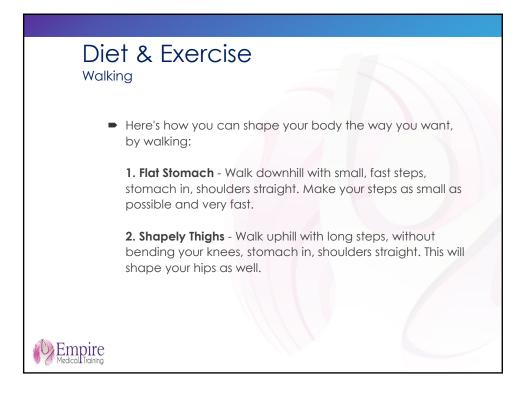




Summary of Exercise Guidelines

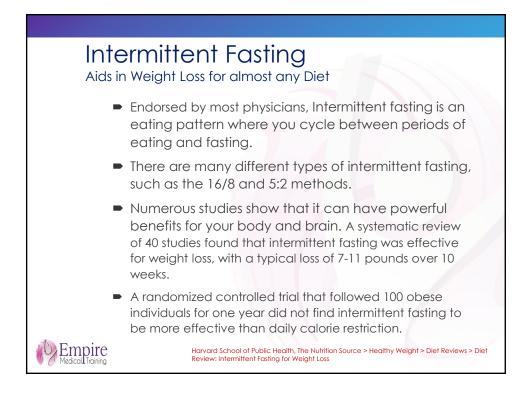
- Assessment
 - 1) Medical and psychological readiness
 - 2) Physical limitations
 - 3) Current activities
 - 4) Barriers to activity
- Develop physical activity plan
- Start activity slowly and gradually increase planned aerobic activity to 200 min/week
- Enhance compliance
 - Programmed vs lifestyle activity
 - At-home vs onsite activity
 - Multiple short bouts vs single long bout of activity







bholic Beverage		:	
Alcohol contains 7 kcal/g			<i>)</i>
Beer	12 <u>oz</u>	160 calories	
Wine	5 <u>oz</u>	100 calories	
Margarita	8 <u>oz</u>	270 calories	Carlai Man
Gin and Tonic	8 oz (contains 1.7 oz gin)	190 calories	
1 shot of liquor	2 oz	128 calories	
		1110	



Intermittent Fasting Potential Benefits

- 1. When you fast, insulin levels drop and human growth hormone (HGH) increases. Your cells also initiate important cellular repair processes and change which genes they express.
 - A. Higher levels of HGH facilitate fat burning and muscle gain, lower insulin blood levels also facilitate fat burning
- 2. Lowers calorie intake boosting metabolism slightly effective to lose weight and visceral fat.
- Beneficial for insulin resistance, fasting blood sugar has reduced by 3–6% over the course of 8–12 weeks in people with prediabetes. Fasting insulin has been reduced by 20– 31% <u>only in men</u>.
- 4. Reduce oxidative damage and inflammation in the body.

onlinelibrary.wiley.com/doi/epdf/10.1002/oby.22518



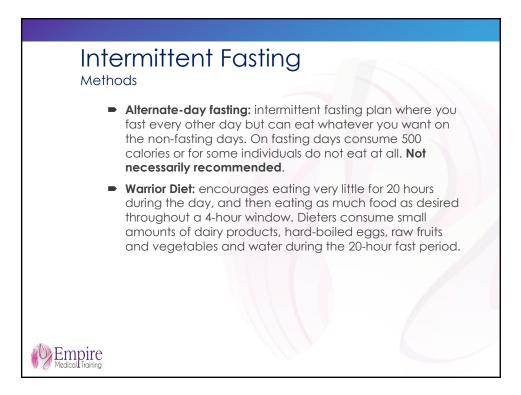
<section-header><section-header><section-header><section-header><list-item><list-item><list-item>

Intermittent Fasting

Methods

Empire

- 16/8 method: In this diet, you fast for 16 hours a day and have an 8-hour window to eat. You can choose any 8hour window to consume calories. Some people opt to skip breakfast, while others avoid eating late and stick to a 9 a.m. to 5 p.m. schedule.
- 5:2 diet: Five days per week, you eat normally and don't restrict calories, the other two days of the week reduce your calorie intake to one-quarter. For a normal 2,000 calorie diet, reduce your calorie intake to 500 calories per day, two days per week. Any days of the week work.
- Eat Stop Eat: is an unconventional approach to fasting popularized by writer, Brad Pilon. It is not preferred as it may lead to binging and overconsumption later on. It may also lead to disordered eating patterns.



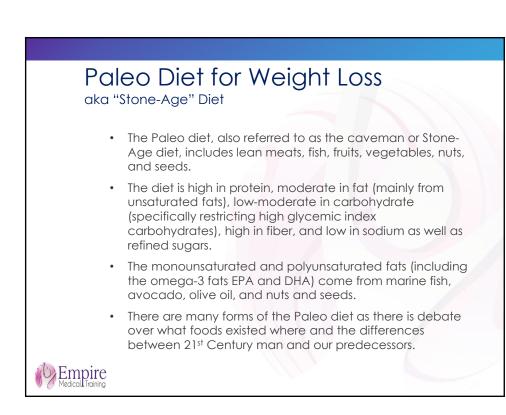
Intermittent Fasting

Absolute & Relative Contraindications

Diabetes

Empire

- Eating disorders that involve unhealthy self-restriction (anorexia or bulimia nervosa)
- Use of medications that require food intake
- Active growth stage, such as in adolescents
- Pregnancy, breastfeeding
- Morbidly Obese Patients no real benefit
- Other "at-risk" medical conditions



Paleo Diet Foods

Allowed Foods

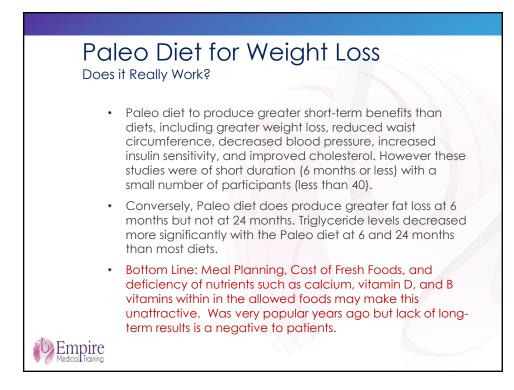
- Fresh lean meats
- Fish and shellfish
- Eggs, seeds, fruits, berries, vegetables, olive oil or coconut oil, and small amounts of honey.
- Root Vegetables such as sweet potatoes and cassava.

Empire

Disallowed Foods

- Whole grains, cereals, refined grains and sugars.
- Dairy products, white potatoes, legumes (peanuts, beans, lentils), alcohol, coffee, and salt.
- Refined vegetable oils such as canola, and most processed foods in general.

Calorie counting and portion sizes are not emphasized. Some plans allow a few non-Paleo meals a week, especially when first starting the diet, to improve overall compliance.



Mediterranean Diet

Heart Healthy Diet

- Endorsed by most physicians
- The Mediterranean diet incorporates the basics of healthy eating including fruits, vegetables, fish and whole grains, and limit unhealthy fats. While these parts of a healthy diet, subtle variations or differences in proportions of certain foods may make a difference in your risk of heart disease or ability to lose weight.
- Many physicians will promote the Mediterranean diet as a "maintenance diet" after successful weight loss or a type of diet for patients that may be contraindicated or medically predisposed from other weight loss programs.

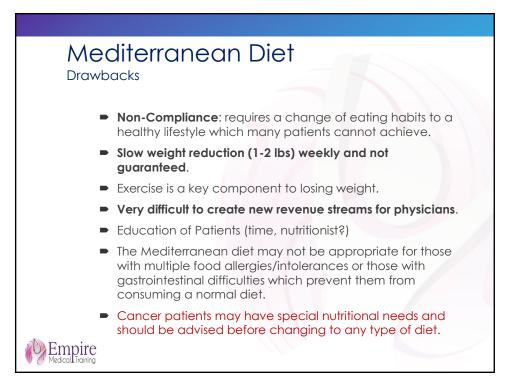


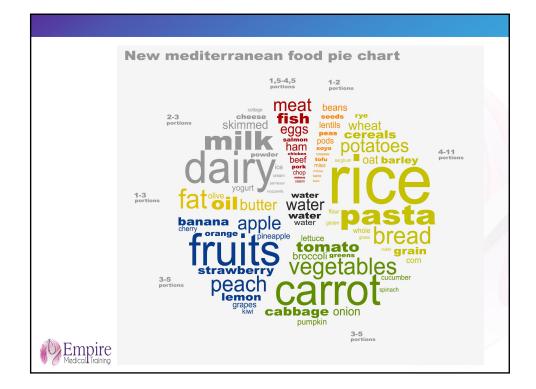
Mediterranean Diet Benefits The diet has been associated with a lower level of oxidized low-density lipoprotein cholesterol in patients. Mediterranean diet was associated with a reduced risk of cardiovascular mortality as well as overall mortality (1.5M Study). o Diabetes Research and Clinical Practice Vol 89, Issue 2, Aug 2010, Pages 97–102 The Mediterranean diet is also associated with a reduced incidence of cancer, and Parkinson's and Alzheimer's diseases. Almost all healthcare organizations encourage healthy adults to adapt a style of eating like that of the Mediterranean diet for prevention of major chronic diseases. Empire

Mediterranean Diet

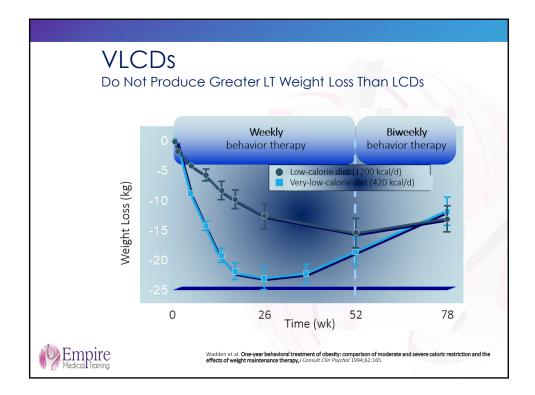
Key Components of the Diet

- Eating primarily plant-based foods, such as fruits and vegetables, whole grains, and nuts
- Replacing butter with healthy fats such as olive oil and canola oil
- Using herbs and spices instead of salt to flavor foods
- Limiting red meat to no more than a few times a month
- Eating fish and poultry at least 2x weekly
- May drink red wine in moderation (optional)
- Exercise daily and can be vigorous





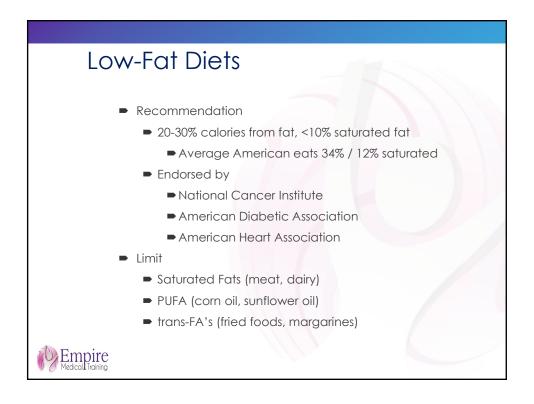




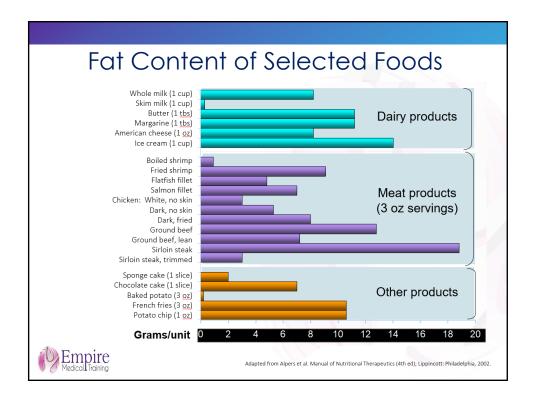


Ketosis Diets

- Low carb intake results in primary fat burning for energy
 - Bad breath from exhaled ketones
- Potential Risks
 - Kidney failure/stones, Gout, Osteoporosis
 - Low in fiber, vitamins, trace minerals, antioxidants
- Rapid weight loss initially
 - Dehydration
 - Loss of sodium
 - Depletion of glycogen stores
- Plateauing of weight loss is a concern

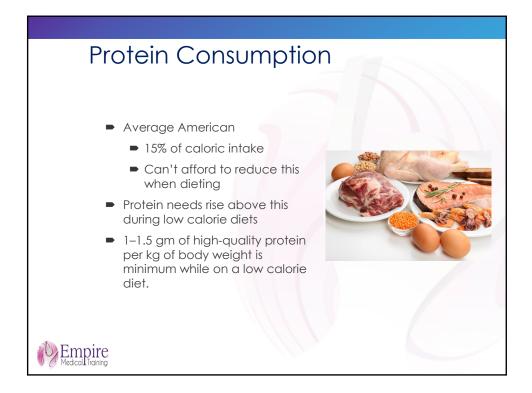








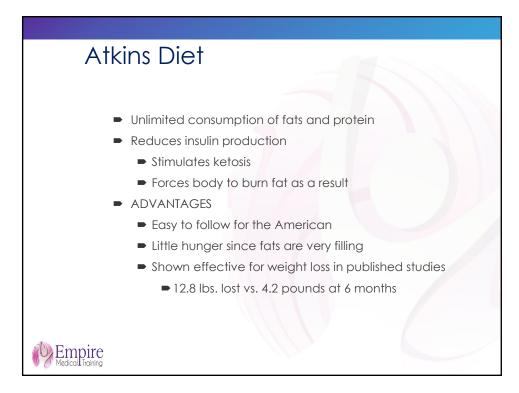




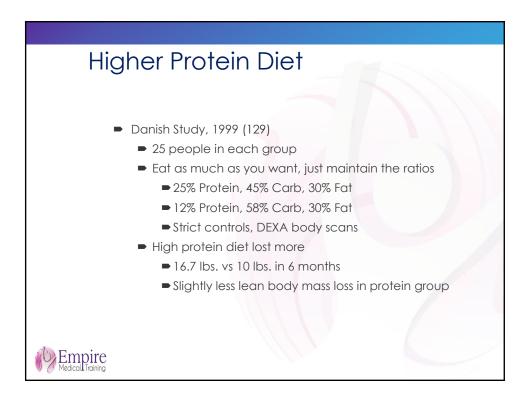


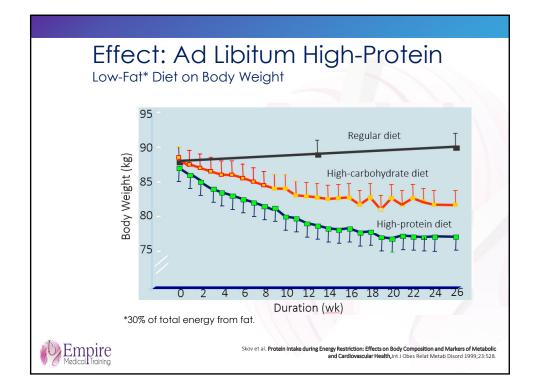
Very High Fat Diets

- Atkins, etc. (60%+ fat)
- Very low carbohydrate
- Ketosis possible protein loss
- People lose weight because they consume less overall calories when allowed to eat unlimited fat vs. their usual eating habits
- High body water loss
- Require nutritional supplementation
- Increased cardiac risk

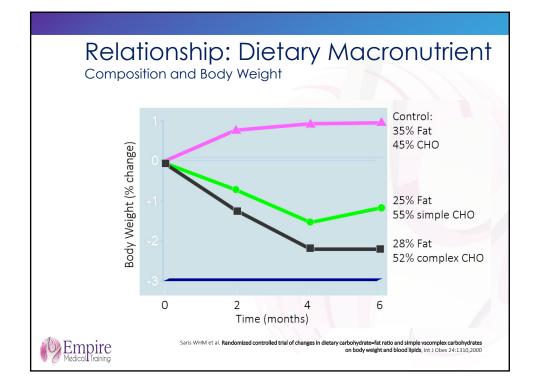


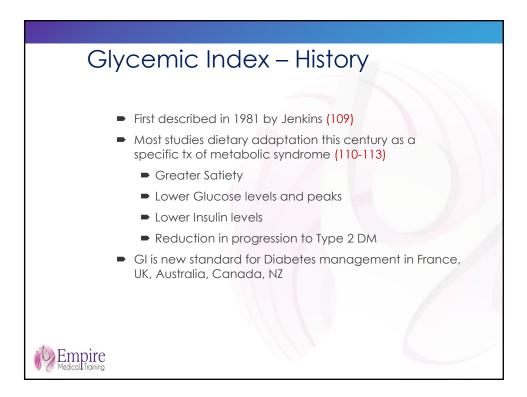


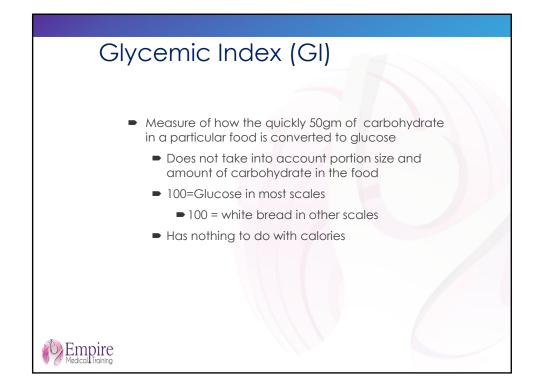


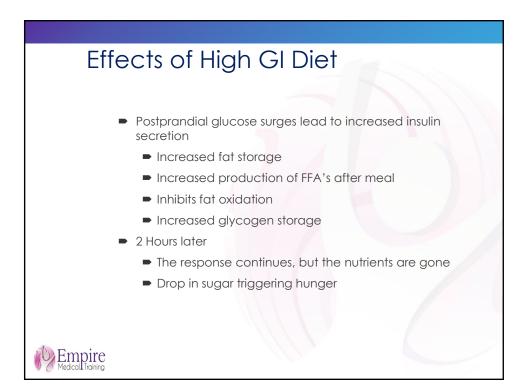


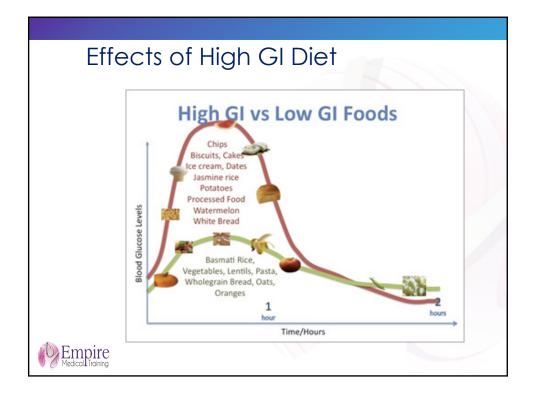
	Neight .ow-fat vs Lov			onths in	RCTs
	Study n		Weight Low-fat	Difference (kg)	
	<mark>Samaha</mark> (2003)	132	-1.9	-5.8	3.9
	Brehm (2003)	42	-3.9	-8.5	4.6
	Foster (2003)	63	-5.3	-9.6	4.3
	Yancy (2004)	120	-6.5	-12.0	5.5
Emp				1	



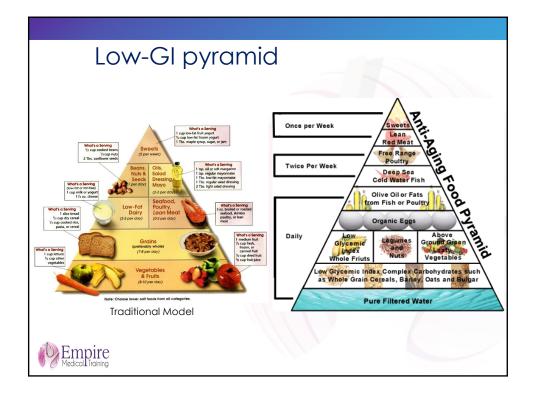


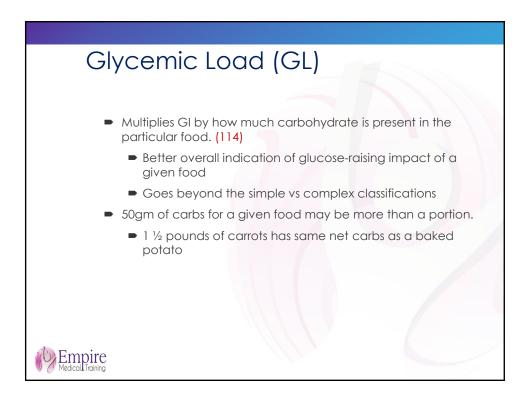






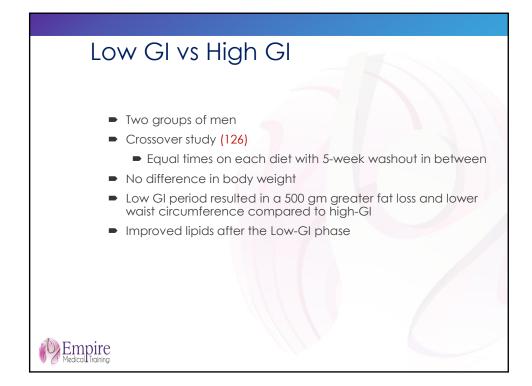
(Glycemic Index (GI)
	7	·
	 Low: up to 55 Moderate: 56-70 High: 71 and above 	
	Glucose 100	Sweet Corn 54
	Baked Potato 85	Banana 52
	Cornflakes 81	Spaghetti 42
	White Bread 71	All-Bran Cereal 42
	White Rice 64	Kidney Beans 28
	Pineapple 59	Peanuts 16
Emp Medical Tro	ining	

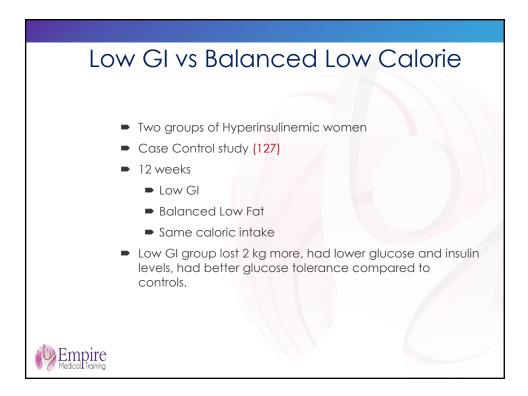




	GLYCEMIC L		SAMPLING OF FO	DODS
		Carbohydrate content (in grams)	Glycemic Index* (percent expressed as decimal)	Glycemic Load (rounded to nearest tenth)
	Potato (1 baked)	37	1.21	45
	Carrots (¹ / ₂ cup cooked)	8	1.31	10
	Lentils (¹ / ₂ cup cooked)	20	0.41	8
	Dry beans (] cup cooked)	27	0.60	16
This table uses	White rice (¹ / ₂ cup cooked)	35	0.81	28
white bread = 1.00	Wild rice (2 cup cooked)	18	0.78	14
while bread = 1.00	White bread (2 slices)	24	1.00	22
	Whole grain bread (2 slices) 24	0.64	15
	Pasta (1 cup cooked)	40	0.71	28
	Cheerios (1 cup)	22	1.06	23
	All-Bran (1 cup)	24	0.60	14
	Grape-Nuts (¹ / ₂ cup)	47	0.96	45
	Corn flakes (1 cup)	26	1.19	31
	Corn chips (1 oz)	15	1.05	16
	Popcorn (air-popped, 1 cup)	5	0.79	4
	* Standard reference for this t	table is white bre	ad.	
© Empire	(Carbohydrate content and G Division of Preventive Medic School; "International Tables (1995): Vol. 62, 871S-93S; and 2000), by Corinne T. Netzer.)	ine, Brigham an s of Glycemic In	d Women's Hospital, Hai dex," <i>American Journal c</i>	ward Medical of Clinical Nutritio







Implementing Low GI Diets SUBSTITUTION OF HIGH-GI FOR LOW-GI FOODS High-GI-food Low-GI-food Bread, whole meal or white Whole grain bread Low amylose rice High-amylose rice (sticky rice, waxy rice) (basmati, parboiled rices) Unrefined cereals (oats, muesli, porridge) Processed breakfast cereals Potato Pasta or legumes Biscuits made with dried fruit or whole grains Biscuits and crackers Muffins made with fruit, oats or whole grains Cakes and muffins Tropical fruits Temperate climate fruits (bananas) (apples, stone fruit) Empire



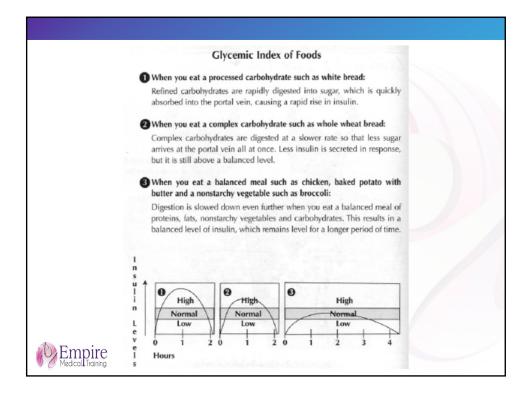
Schwarzbein Principle

- Balanced Diet
- No skipped meals
- Low Glycemic

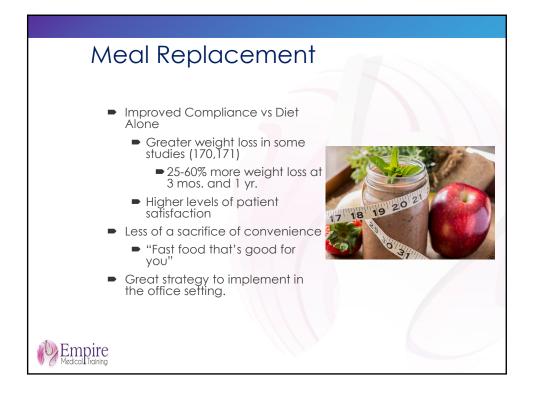
Empire

- Protein is the main nutrient
- No processed foods
- No caffeine or artificial sweeteners
- Heal the adrenal glands and insulin resistance first
 - "You need to be healthy to lose weight, before you can lose weight to be healthy"

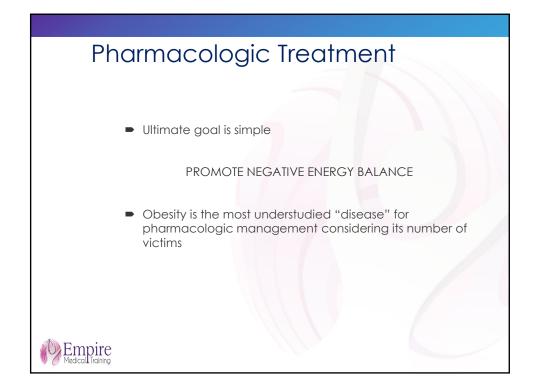


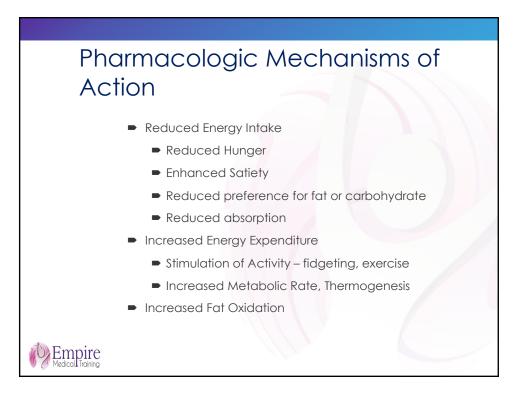










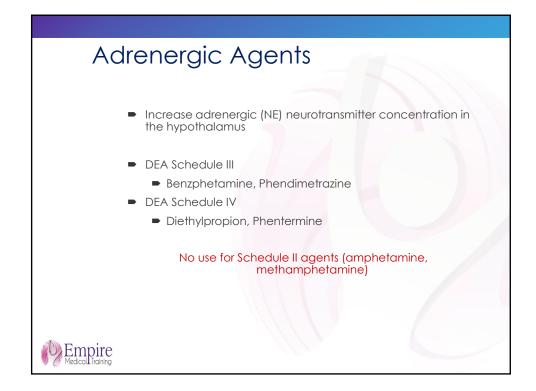


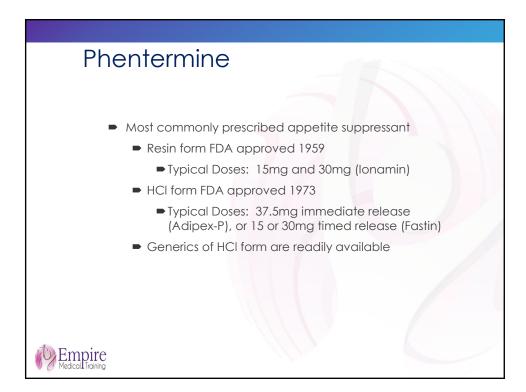
Exclusions from Pharmacologic Tx

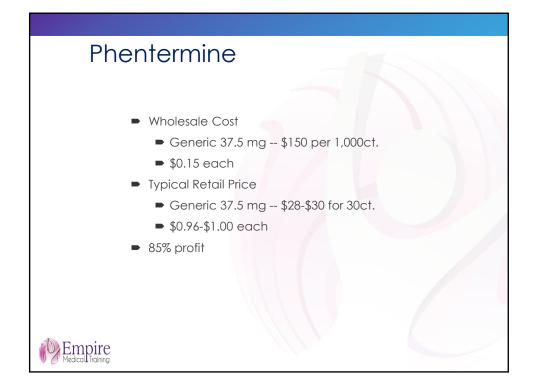
- Pregnancy
- Unstable Cardiac Disease
- Uncontrolled HTN
- Severe systemic illness
- Unstable Psychiatric history
 - History of anorexia
- Incompatible meds
- MAO, Migraine drugs, Adrenergic agents
- Child under age 18
- Elderly little data on use over age 50

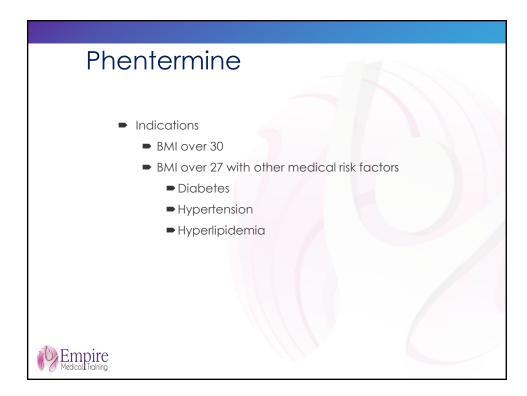
Empire Medical Training

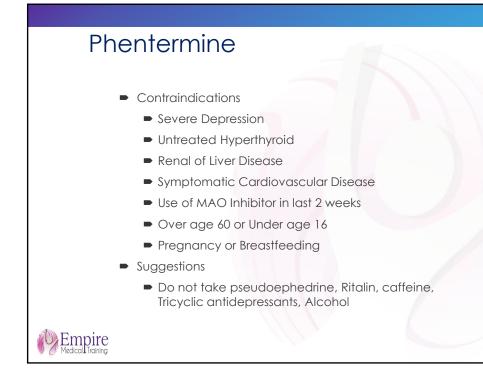


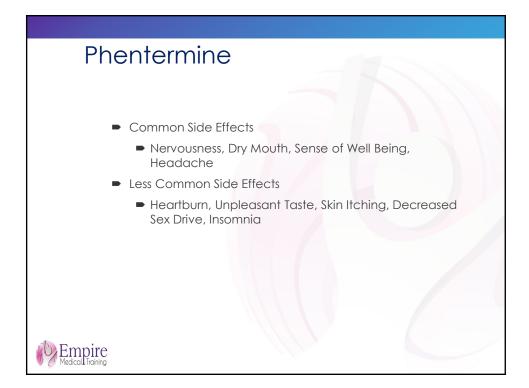


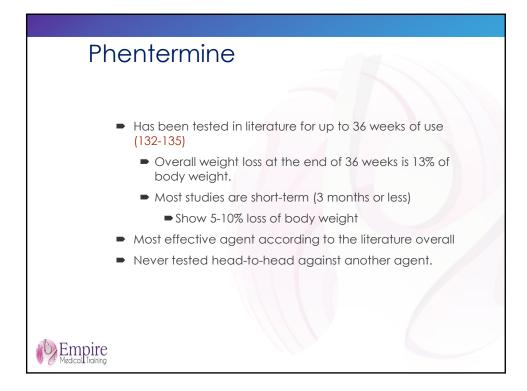


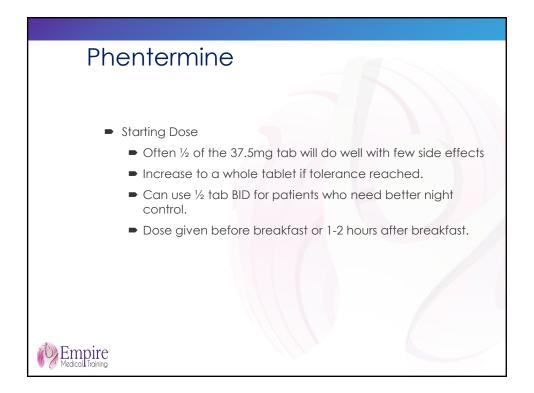


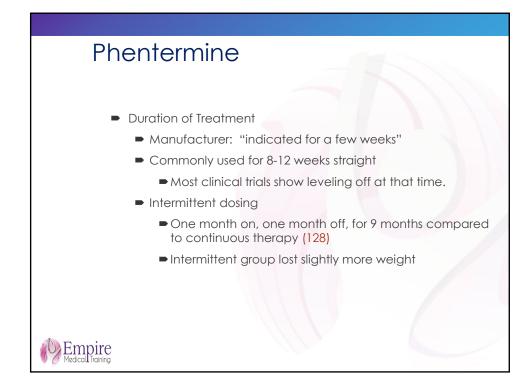


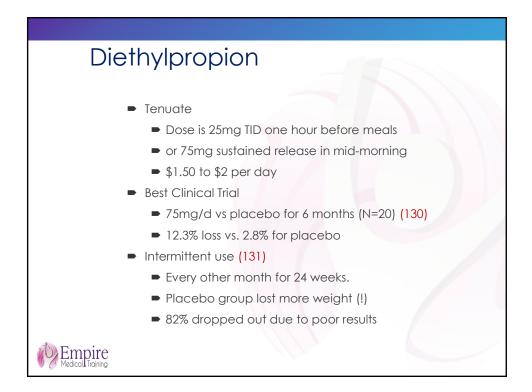








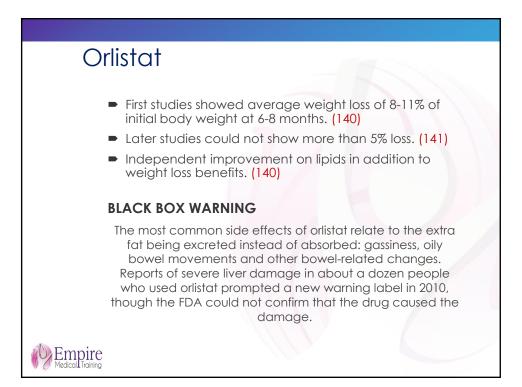


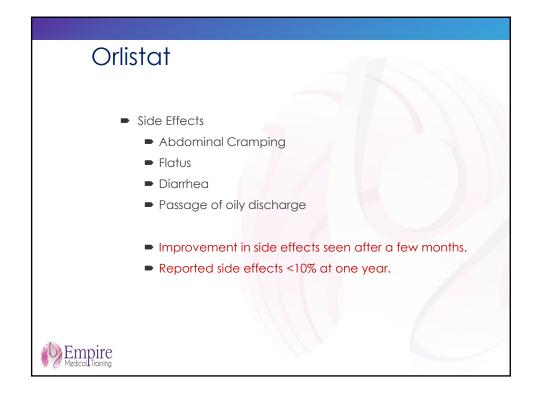


Orlistat

- Xenical
- FDA approved in 1998
- 120mg tablet taken with meals BID-TID
 - Cost= \$1 per dose
- Works in your gut to reduce the amount of fat your body absorbs from the food you eat
- Binds to lipase in GI tract and inhibits absorption of 1/3 of dietary fat.
- No CV side effects
- Negligible systemic absorption
 - Possible decreased absorption of Vitamin A,E

Empire Medical Training



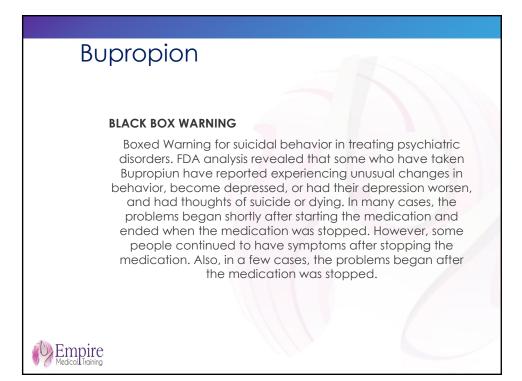




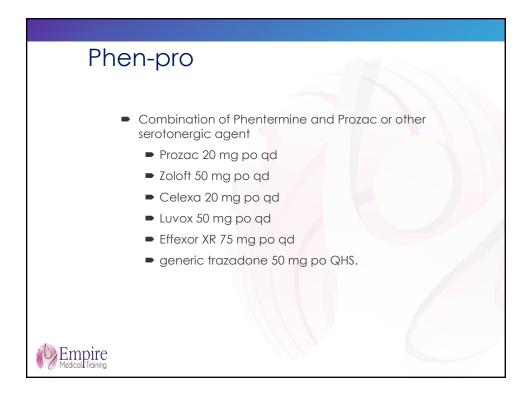
Bupropion

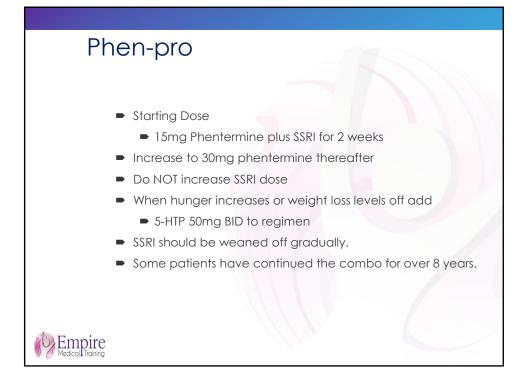
- FDA approved for depression and smoking cessation
- Weak reuptake inhibitor of Serotonin, NE, Dopamine
- 1999 Duke Study (127)
 - 50 patients started, 31 completed
 - All women with average BMI of 37
 - 1,600 cal diet plus 200mg BID vs Placebo
 - After 8 weeks:
 - 6.21% loss in Bupropion group vs. 1.56% Placebo
 - Theory that Bupropion may increase thermogenesis

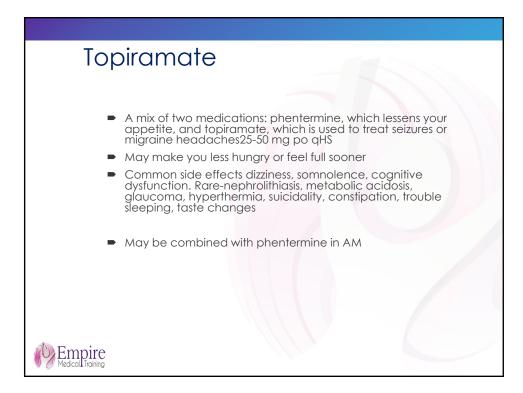


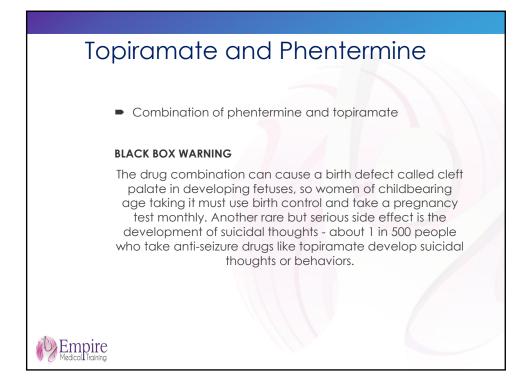


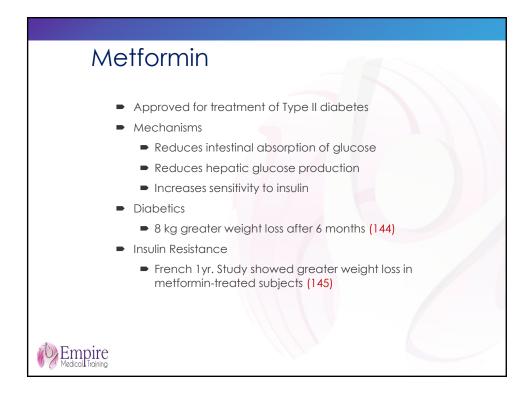


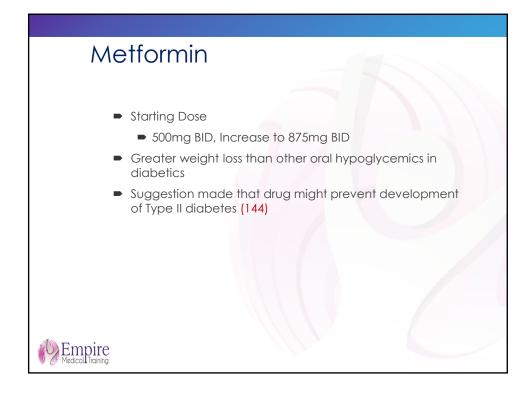


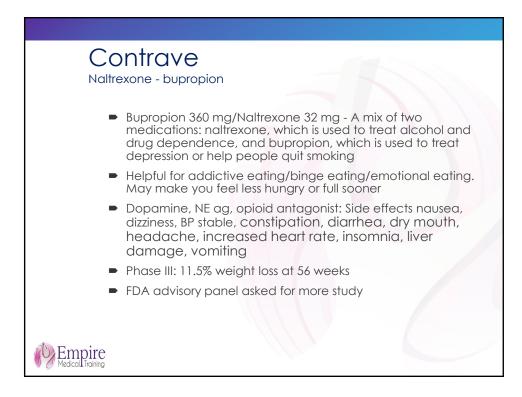




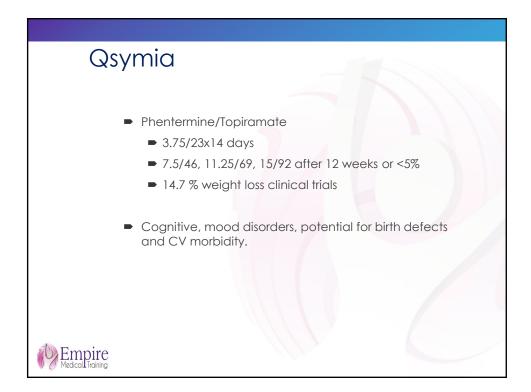




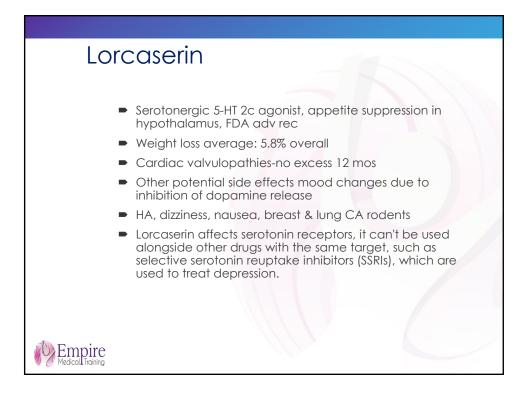












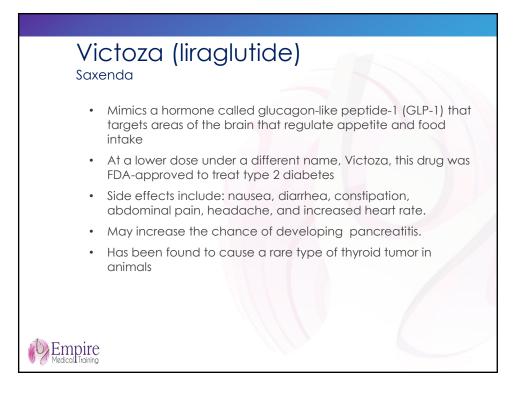
Victoza (liraglutide)

- Injectible GLP-1 agonist, improves glucose control but elevates insulin
- 5.5% weight loss seen as secondary outcome in Type II DM data
- 0.6-1.2 mg SQ injections qd
- Medullary thyroid carcinoma in animal studies

BLACK BOX WARNING

Victoza does come with a black-box label that warns of the risk of thyroid C-cell tumors and possible thyroid cancer. The black box warns that Victoza (liraglutide) "causes thyroid C-cell tumors at clinically relevant exposures in rodents," and goes on to state that it's unknown whether Victoza causes these tumors, including cancer (medullary thyroid carcinoma, or MTC), in humans.



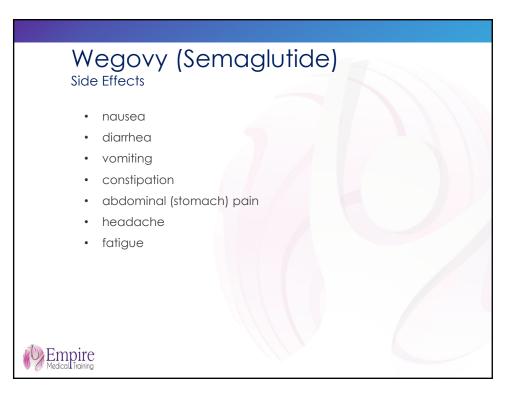


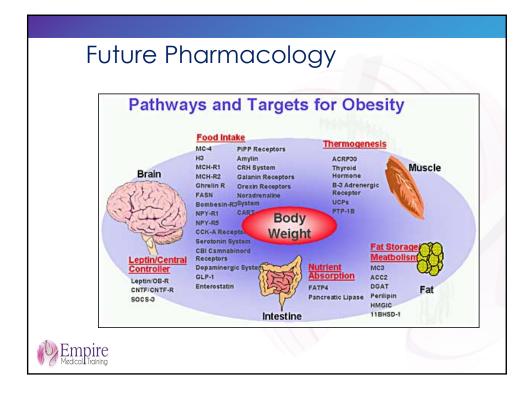
Wegovy (Semaglutide) Injection Therapy

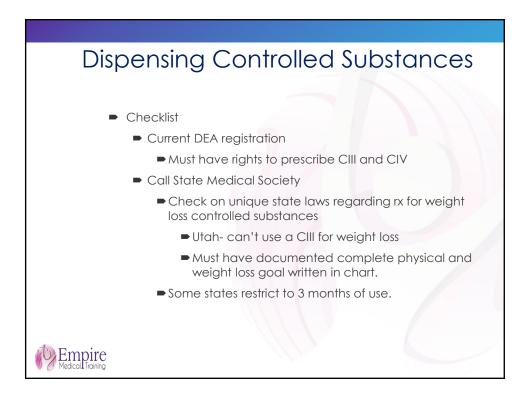
• Given weekly by injection

- Mimics a hormone called glucagon-like peptide-1 (GLP-1) that targets areas of the brain that regulate appetite and food intake
- Under different names and dosages, this drug was FDAapproved to treat type 2 diabetes as an injectable medication (Ozempic) and as an oral pill (Rybelsus)
- Do not use in combination with other semaglutide-containing products, other GLP-1 receptor agonists, or other products intended for weight loss, including prescription drugs, over-the-counter drugs, or herbal products
- May increase the chance of developing pancreatitis
- Has been found to cause a rare type of thyroid tumor in animals

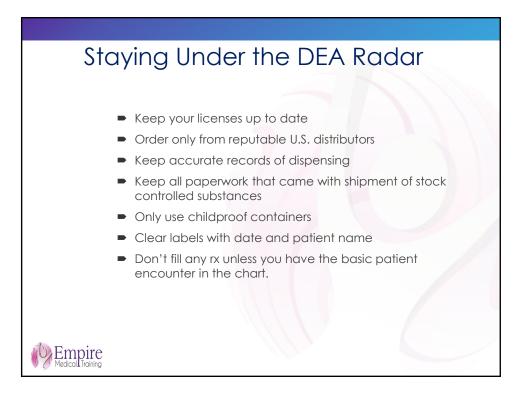
Empire Medical Training



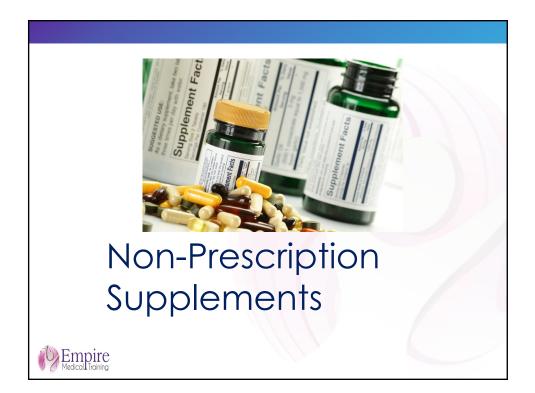


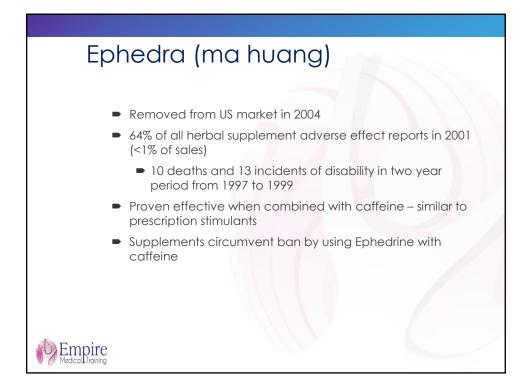


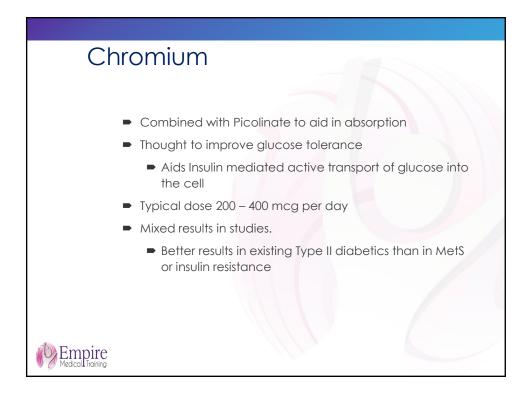


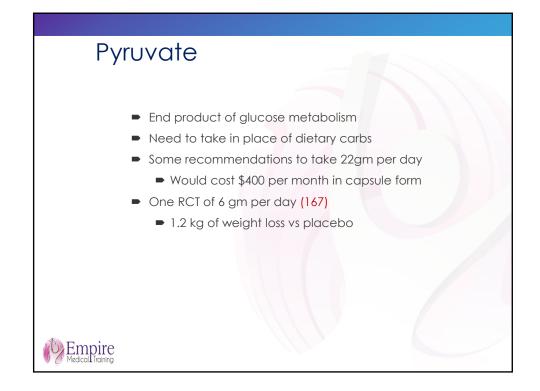


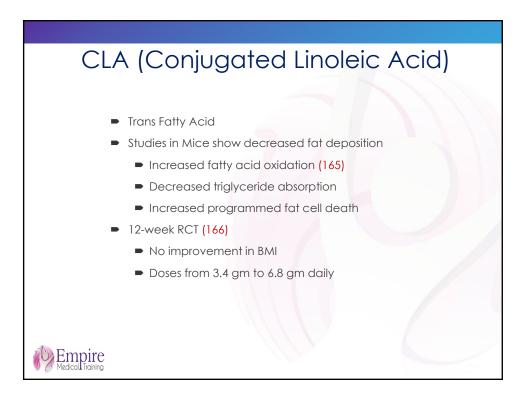


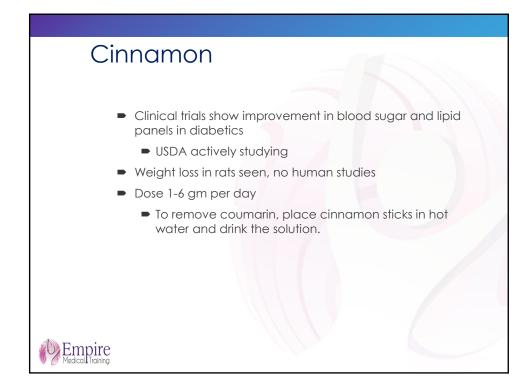


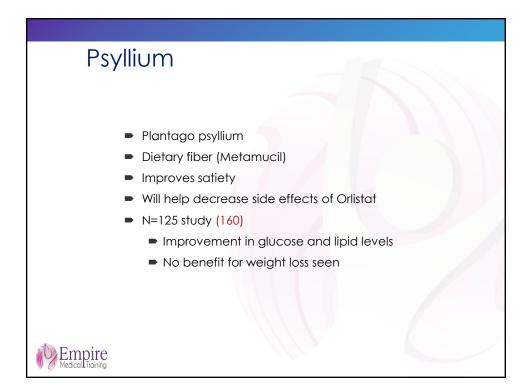




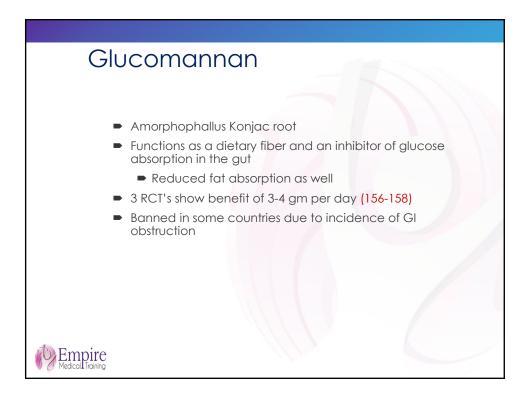


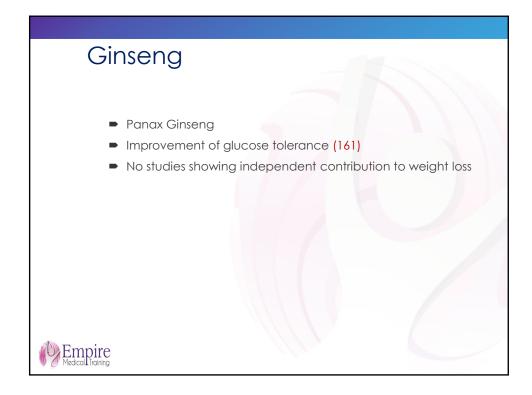


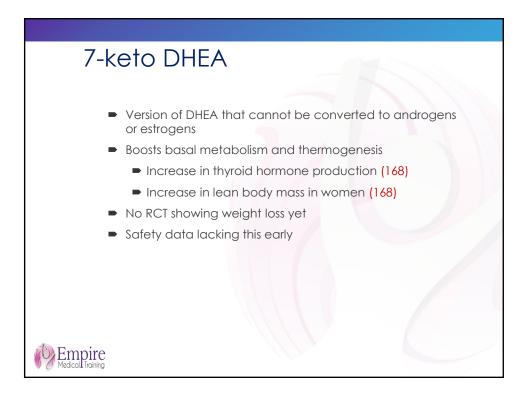


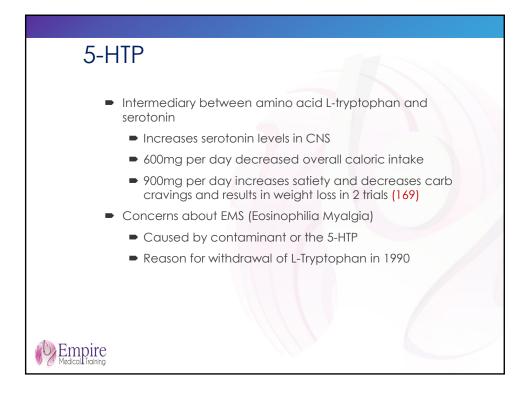


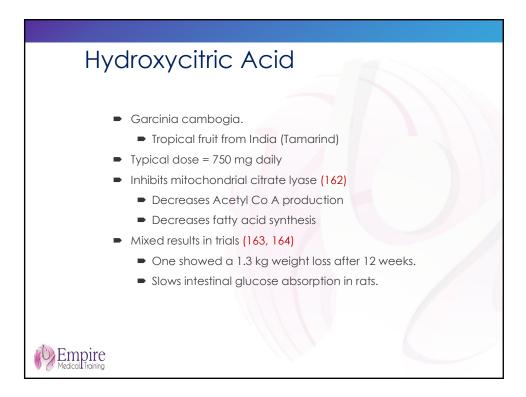


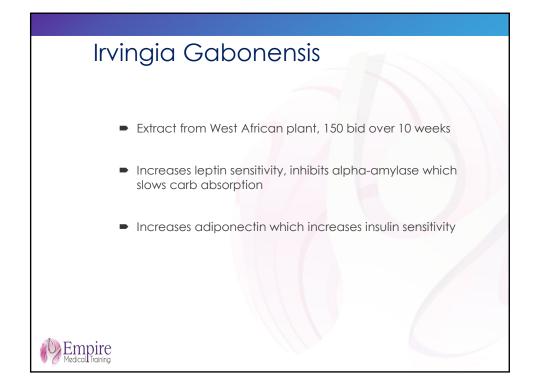


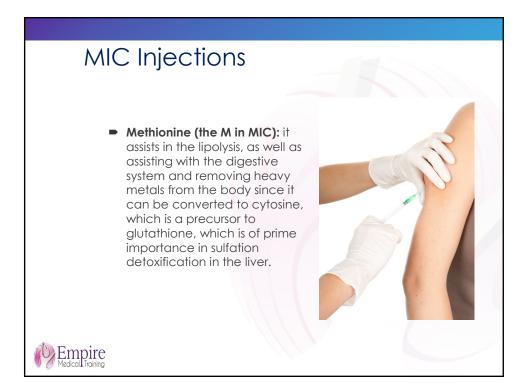


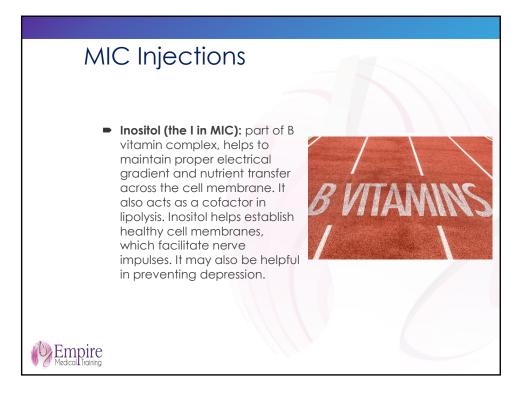


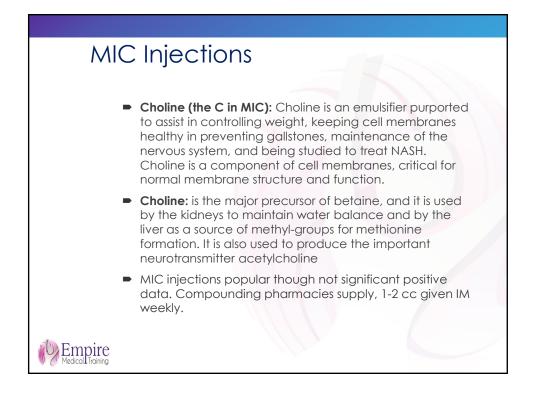




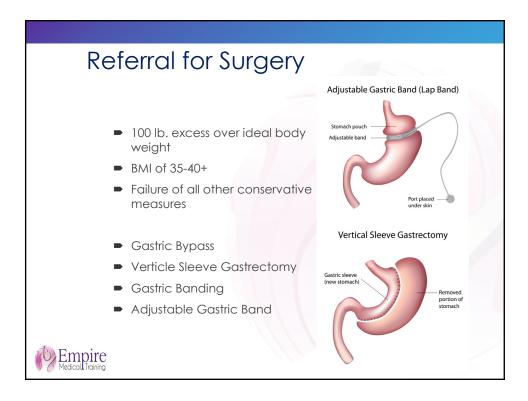


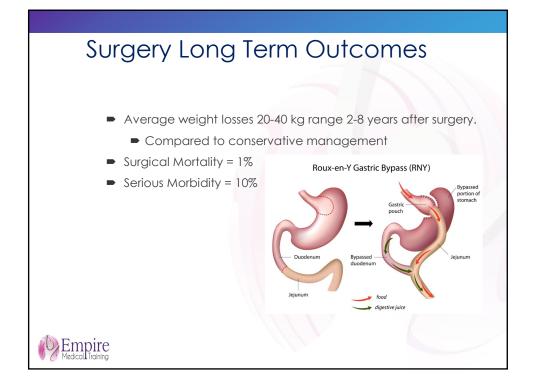


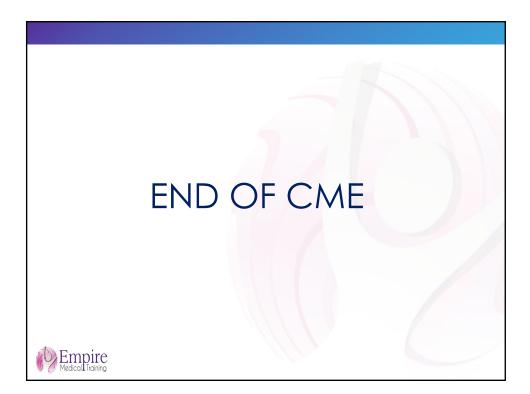




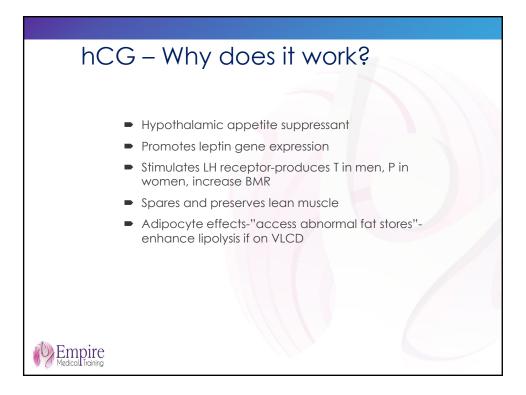


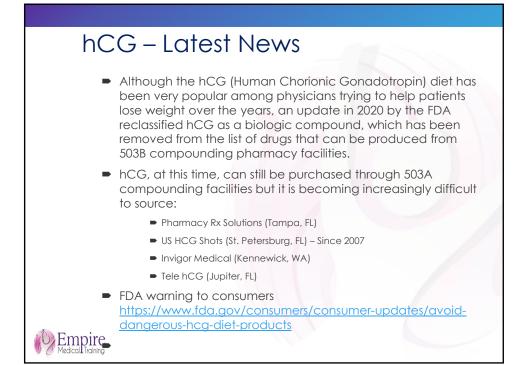


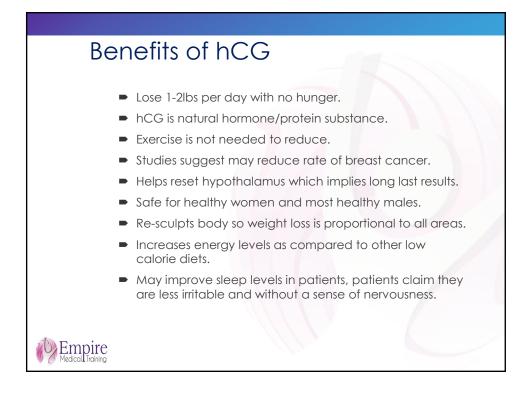


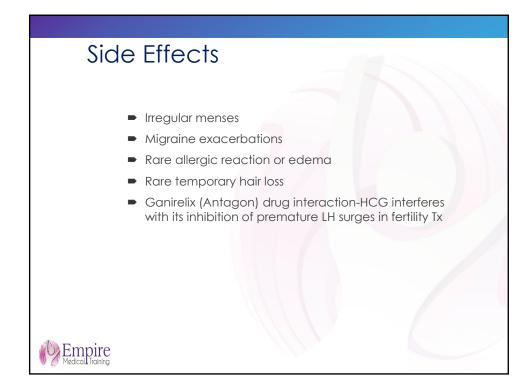


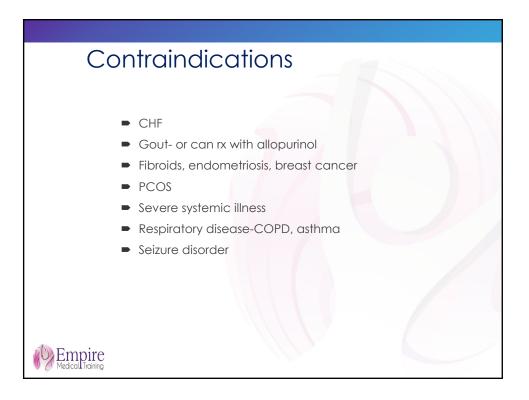








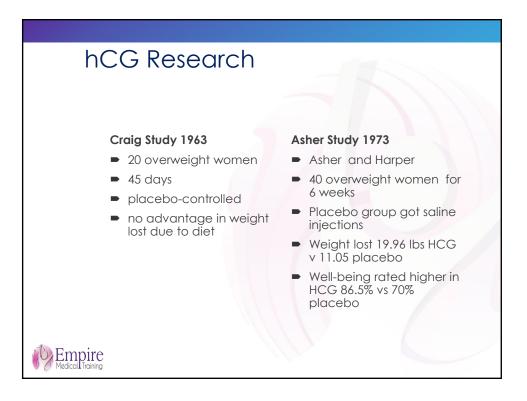


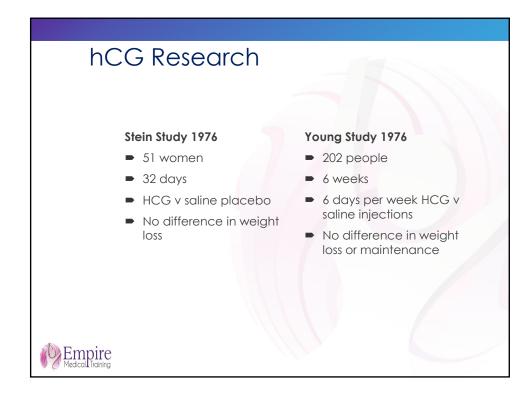


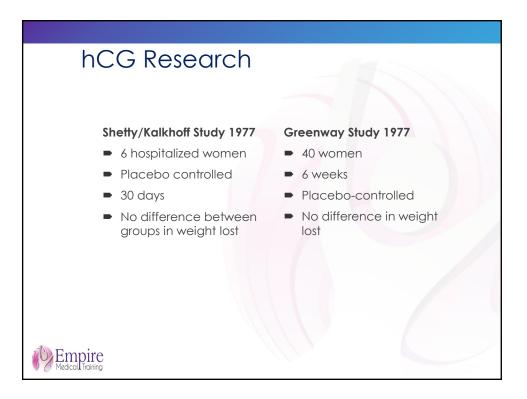
hCG Diet – History

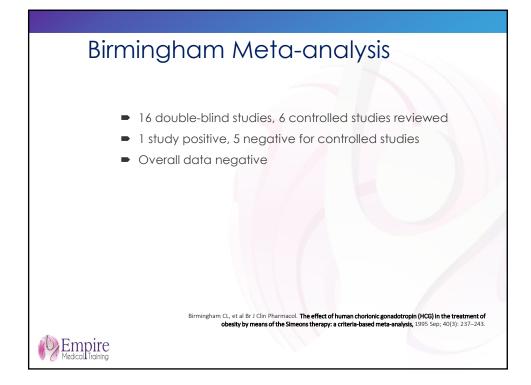
- First developed by ATW Simeon in 1954 "Pounds & Inches"
- His research on obesity, Dr. Simeon noticed lack of symptoms one would suspect from a low calorie diet when combined with hCG.
- Patients lost a considerable amount of weight as well as their own body reshaping naturally without the need for exercise.
- Patients lost more fat tissue directly from adipose tissue accumulations, causing visible contouring of the body.
- hCG regulated the metabolism, correcting that which initially caused the obesity.

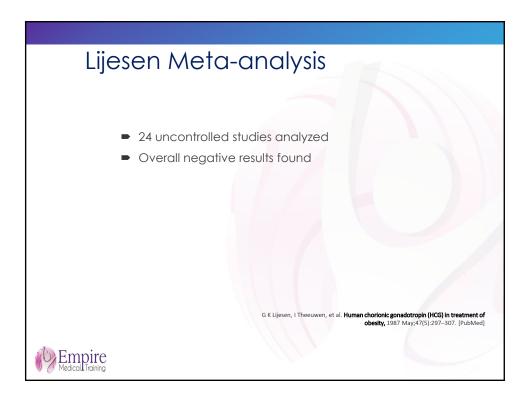
Medical Training

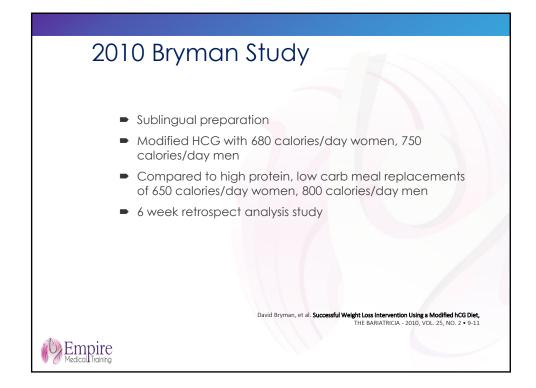


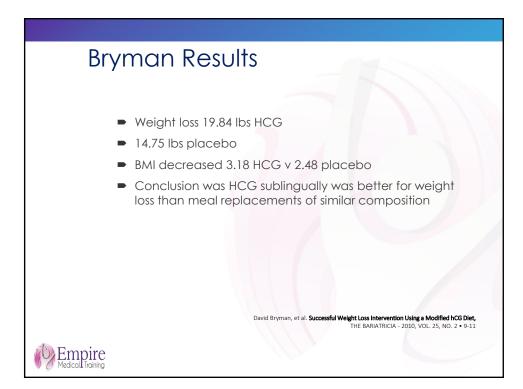


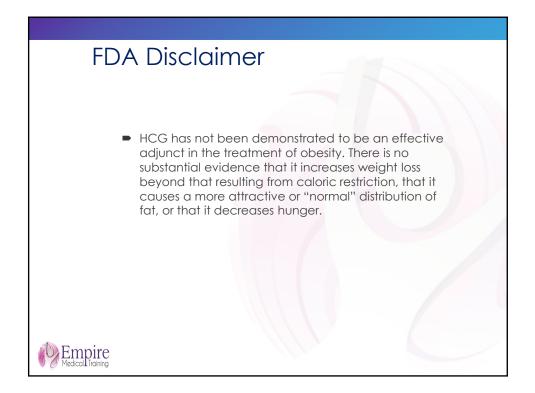


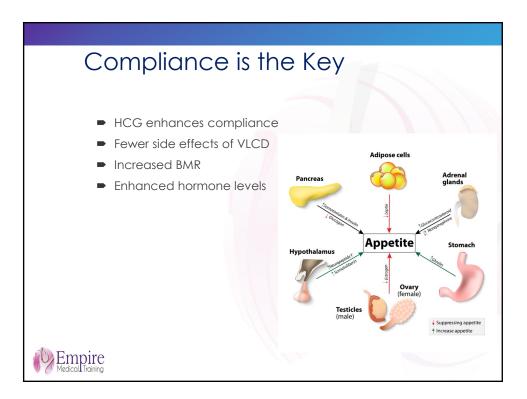


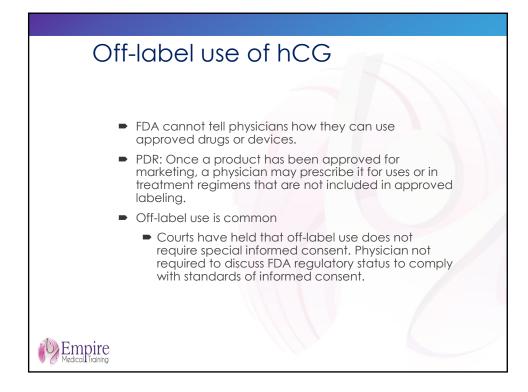


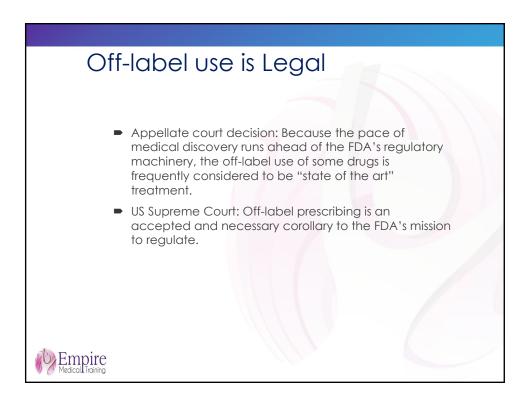








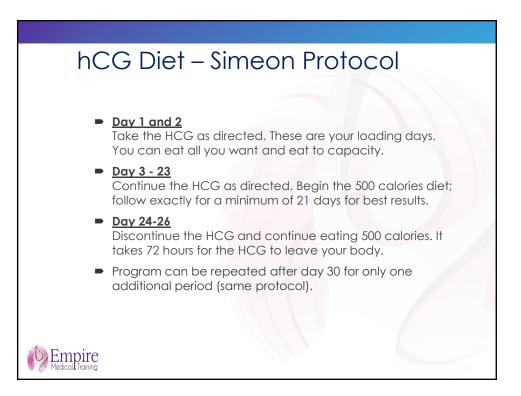




hCG Diet – Quick Overview

- 125 iu hCG administered daily by injection (except during menstruation)
- Until 3rd injection the patient eats excessively (24 total injections).
- After 3rd injection, the 500 calorie diet and personal care product restrictions are applied and continue through 72 hours after last injection.
- For continuing (3) weeks all foods are allowed except sugar and starch-including sweet fruits.
- After (3) weeks, starches are introduced into the diet in small quantities and weight maintenance program is established.
- This process can be repeated 1x.

Medical Training



hCG Diet – Meal Planning

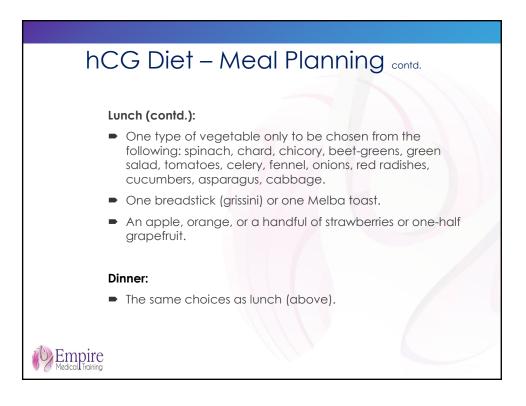
Breakfast:

 Tea or coffee in any quantity without sugar. Only one tablespoonful of milk allowed in 24 hours. Saccharin may be used as a sweetener.

Lunch:

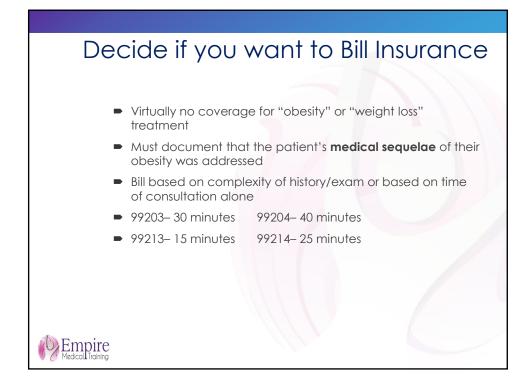
100 grams (3.5 oz) of veal, beef, chicken breast, fresh white fish, lobster, crab, or shrimp. All visible fat must be carefully removed before cooking, and the meat must be weighed raw. It must be boiled or grilled without additional fat. Salmon, eel, tuna, herring, dried or pickled fish are not allowed. The chicken breast must be removed from the bird.



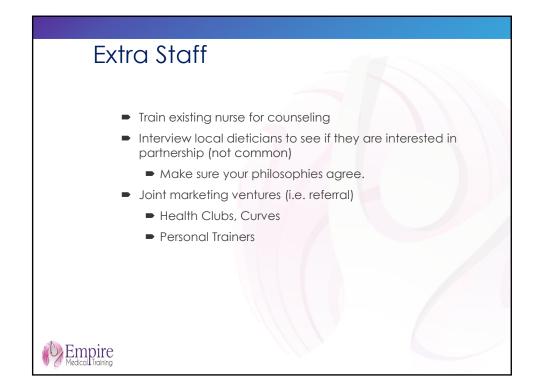














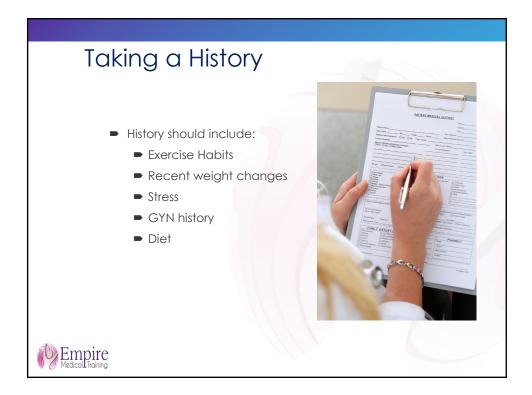


iave unrealistic we	ight Loss Goals	
Outcome	Weight (lbs)	% Reduction
Initial	218	0
Dream	135	38
Нарру	150	31
Acceptable	163	25
Disappointed	180	17





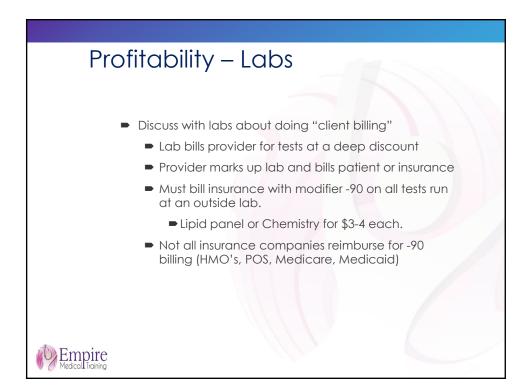




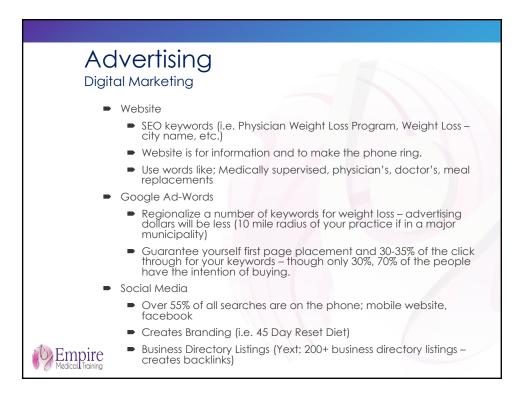






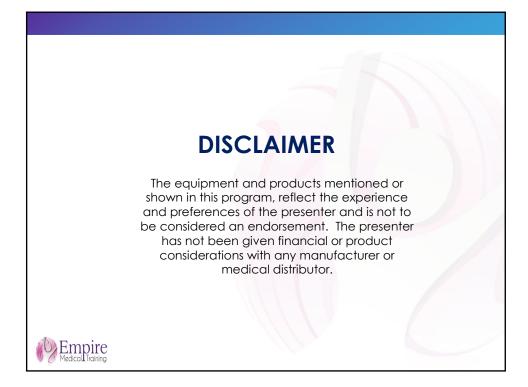






Products You will increase volume of people through your practice (10-15) per day so... Retail Nutriceuticals with specific supplements – will compliment your medical practice as well) Alcat Testing – sensitivity to certain foods (more for allergies) Meal Replacements – (shakes, bars, drinks etc.) Nutrition Services – does not necessarily need to be a nutritionist or dietician Free Body Analysis (requires a bio-impedance scale www.alibaba.com, www.dhgate.com Maintenance Diets Recognize that most successful initial diets fail long-term – create a maintenance program to capture these patients. Referral Program Leverage the 67% of people in your own practice that are obese or overweight with the 67% of society that is the same. Be able to brand addtl services (Aesthetics – injectables etc.) Empire







EMPIRE MEDICAL TRAINING WEIGHT LOSS LECTURES LIST OF LITERATURE CITATIONS

1. Lissner L, Odell PM, D'Agostino RB, Stokes J, Kreger BE, Belanger AJ, et al. Variability of body weight and health outcomes in the Framingham population. New England Journal of Medicine 1991;324:1839-1844.

2. French SA, Folsom AR, Jeffery RW, Zheng W, Mink PJ, Baxter JE. Weight variability and incident disease in older women: the Iowa Women's Health Study. Int J Obes Relat Metab Disord 1997;21(3):217-23.

3. Williamson DF. "Weight cycling" and mortality: how do the epidemiologists explain the role of intentional weight loss? J Am Coll Nutr 1996;15(1):6-13.

4. Higgins M, D'Agostino R, Kannel W, Cobb J, Pinsky J. Benefits and adverse effects of weight loss. Observations from the Framingham Study. Ann Intern Med 1993;119(7 Pt 2):758-63.

5. Colman E, Katzel LI, Rogus E, Coon P, Muller D, Goldberg AP. Weight loss reduces abdominal fat and improves insulin action in middleaged and older men with impaired glucose tolerance. Metabolism 1995;44(11):1502-8.

6. Wing RR, Koeske R, Epstein LH, Nowalk MP, Gooding W, Becker D. Long-term effects of modest weight loss in type II diabetic patients. Arch Intern Med 1987;147(10):1749-53.

7. Osterman J, Lin T, Nankin HR, Brown KA, Hornung CA. Serum cholesterol profiles during treatment of obese outpatients with a very low calorie diet. Effect of initial cholesterol levels. Int J Obes Relat Metab Disord 1992;16(1):49-58.

8. MacMahon SW, Macdonald GJ, Bernstein L, Andrews G, Blacket RB. Comparison of weight reduction with metoprolol in treatment of hypertension in young overweight patients. Lancet 1985;1(8440):1233-6.

9. Grimm RH, Jr., Flack JM, Grandits GA, Elmer PJ, Neaton JD, Cutler JA, et al. Long-term effects on plasma lipids of diet and drugs to treat hypertension. Treatment of Mild Hypertension Study (TOMHS) Research Group. Jama 1996;275(20):1549-56.

10. Borkan GA, Sparrow D, Wisniewski C, Vokonas PS. Body weight and coronary disease risk: patterns of risk factor change associated with long-term weight change. The Normative Aging Study. Am J Epidemiol 1986;124(3):410-9.

11. Field AE, Byers T, Hunter DJ, Laird NM, Manson JE, Williamson DF, et al. Weight cycling, weight gain, and risk of hypertension in women. Am J Epidemiol 1999;150(6):573-9.

12. Dyer AR, Elliott P. The INTERSALT study: relations of body mass index to blood pressure. INTERSALT Co-operative Research Group. J Hum Hypertens 1989;3(5):299-308.

13. Folsom AR, Kushi LH, Anderson KE, Mink PJ, Olson JE, Hong CP, et al. Associations of general and abdominal obesity with multiple health outcomes in older women: the Iowa Women's Health Study. Arch Intern Med 2000;160(14):2117-28.

14. Wassertheil-Smoller S, Blaufox MD, Oberman AS, Langford HG, Davis BR, Wylie-Rosett J. The Trial of Antihypertensive Interventions and Management (TAIM) study. Adequate weight loss, alone and combined with drug therapy in the treatment of mild hypertension. Arch Intern Med 1992;152(1):131-6.

15. Schotte DE, Stunkard AJ. The effects of weight reduction on blood pressure in 301 obese patients. Arch Intern Med 1990;150(8):1701-4.

16. Eckel RH, Krauss RM. American Heart Association call to action: obesity as a major risk factor for coronary heart disease. AHA Nutrition Committee. Circulation 1998;97(21):2099-100

17. Manson JE, Colditz GA, Stampfer MJ, Willett WC, Rosner B, Monson RR, et al. A prospective study of obesity and risk of coronary heart disease in women. N Engl J Med 1990;322(13):882-9.

18. Rimm EB, Stampfer MJ, Giovannucci E, Ascherio A, Spiegelman D, Colditz GA, et al. Body size and fat distribution as predictors of coronary heart disease among middle-aged and older US men. Am J Epidemiol 1995;141(12):1117-27.

19. Rexrode KM, Carey VJ, Hennekens CH, Walters EE, Colditz GA, Stampfer MJ, et al. Abdominal adiposity and coronary heart disease in women. Jama 1998;280(21):1843-8.

20. Jacobs DR, Jr., Burke GL, Liu K, Cutter G, Hughes G, Hulley S, et al. Relationships of low density lipoprotein cholesterol with age and other factors: a cross-sectional analysis of the CARDIA study. Ann Clin Res 1988;20(1-2):32-8.

21. Glueck CJ, Taylor HL, Jacobs D, Morrison JA, Beaglehole R, Williams OD. Plasma high-density lipoprotein cholesterol: association with measurements of body mass. The Lipid Research Clinics Program Prevalence Study. Circulation 1980;62(4 Pt 2):IV-62-9.

22. Nanas S, Pan WH, Stamler J, Liu K, Dyer A, Stamler R, et al. The role of relative weight in the positive association between age and serum cholesterol in men and women. J Chronic Dis 1987;40(9):887-92.

23. Ashton WD, Nanchahal K, Wood DA. Body mass index and metabolic risk factors for coronary heart disease in women. Eur Heart J 2001;22(1):46-55.

24. Ashley FW, Jr., Kannel WB. Relation of weight change to changes in atherogenic traits: the Framingham Study. J Chronic Dis 1974;27(3):103-14.

25. Jeppesen J, Hein HO, Suadicani P, Gyntelberg F. Relation of high TG-low HDL cholesterol and LDL cholesterol to the incidence of ischemic heart disease. An 8-year follow-up in the Copenhagen Male Study. Arterioscler Thromb Vasc Biol 1997;17(6):1114-20.

26. Denke MA, Sempos CT, Grundy SM. Excess body weight. An underrecognized contributor to high blood cholesterol levels in white American men. Arch Intern Med 1993;153(9):1093-103.

27. WHO. Obesity-preventing and managing the global epidemicl. Geneva: World Health Org; 1997.

28. Brancati FL, Wang NY, Mead LA, Liang KY, Klag MJ. Body weight patterns from 20 to 49 years of age and subsequent risk for diabetes mellitus: the Johns Hopkins Precursors Study. Arch Intern Med 1999;159(9):957-63.

29. Ford ES, Williamson DF, Liu S. Weight change and diabetes incidence: findings from a national cohort of US adults. Am J Epidemiol 1997;146(3):214-22.

30. Wing RR, Venditti E, Jakicic JM, Polley BA, Lang W. Lifestyle intervention in overweight individuals with a family history of diabetes. Diabetes Care 1998;21(3):350-9.

31. Tretli S. Height and weight in relation to breast cancer morbidity and mortality. A prospective study of 570,000 women in Norway. Int J Cancer 1989;44(1):23-30.

32. Yong LC, Brown CC, Schatzkin A, Schairer C. Prospective study of relative weight and risk of breast cancer: the Breast Cancer Detection Demonstration Project follow-up study, 1979 to 1987-1989. Am J Epidemiol 1996;143(10):985-95.

33. Huang Z, Willett WC, Colditz GA, Hunter DJ, Manson JE, Rosner B, et al. Waist circumference, waist:hip ratio, and risk of breast cancer in the Nurses' Health Study. Am J Epidemiol 1999;150(12):1316-24.

34. Ballard-Barbash R, Swanson CA. Body weight: estimation of risk for breast and endometrial cancers. Am J Clin Nutr 1996;63(3 Suppl):437S-41S.

35. Murphy TK, Calle EE, Rodriguez C, Khan HS, Thun MJ. Body mass index and colon cancer mortality in a large prospective study. Am J Epidemiol 2000;152(9):847-54.

36. Leibel RL, Rosenbaum M, Hirsch J. Changes in energy expenditure resulting from altered body weight. N EngJ Med 332:621-628, 1995.

37. Levine JA, Eberhardt NL, Jensen MD. Role of nonexercise activity thermogenesis in resistance to fat gain in humans. Science 283:212-214, 1999.

38. Karhunen LH, Lappalainen RI, Vanninen EJ, Kuikka JT, Uusitupa MIJ. Regional cerebral blood flow during food exposure in obese and normal-weight women. Brain 120:1675-84, 1997.

39. Blundell JE, Stubbs RJ. Diet composition and th control of food intake in humans. In: Bray GA, Bouchard C, James WPT, eds. Handbook of Obesity, Marcel Dekker, Inc., New York, 1998, pp 243-272.

40. Ladabaum U, Minoshima S, Hasler WL, Cross D, Chey WD, Owyang C. Gastric distention correlates with activation of multiple cortical and subcortical regions. Gastroenterology 120:369-76, 2001.

41. Bouchard C, Tremblay A, Despres JP, Nadeau A, Lupien PJ, Theriault G, Dussault J, Moorjani S, Pinault S, Fournier G. The response to long-term overfeeding in identical twins. N Engl J Med. 322:1477-1482. 1990.

42. Lewis CE, McCreath H, West DE, et al. The Obesity Epidemic Rolls On: 15 Years in CARDIA. Circulation 2001; 104 (Suppl II):II-787.

43. Prentice, A. An ancient metabolism in a modern world. Paper presented at 2001 European Association for the Study of Obesity, Vienna, Austria.

44. Rolls BJ, Morris EL, Roe LS. Portion size of food affects intake in normal-weight and overweight men and women. Am J Clin Nutr, in press.

45. Hill JO, Melanson EL. Overview of the determinants of overweight and obesity: current evidence and research issues. Medicine & Science in Sports & Exercise 1999; 31:S515-S521

46. Astrup A, Grunwald GK, Melanson EL, et al. The role of low-fat diets in body weight control: a meta-analysis of ad libitum dietary intervention studies. International Journal of Obesity & Related Metabolic Disorders 2000; 24:1545-1552.

47. Willett WC. Is dietary fat a major determinant of body fat? American Journal of Clinical Nutrition 1998;67 (suppl):556S-562S.

48. Ludwig DS. Dietary glycemic index and obesity. Journal of Nutrition 2000; 130:280S-283S.

49. Skov AR, Toubro S, Rønn B, Holm L, Astrup A. Randomized trial on protein versus carbohydrate in ad libitum fat reduced diet for the treatment of obesity. Int J Obes 1999;23:528-536.

50. Wing RR, Hill JO. Successful weight loss maintenance. Annu Rev Nutr 2001;21:323-341.

51. Schoeller DA, Shay K, Kushner RF. How much physical activity is needed to minimize weight gain in previously obese women? Am J Clin Nutr 1997;66:551-6.

52. Weinsier RL, Hunter GR, Desmond RA, Byrne NM, Zuckerman PA, Darnell BE. Free-living activity energy expenditure in women who are successful and unsuccessful in maintaining a normal body weight. Am J Clin Nutr 2002;75:499-504.

53. Murgatroyd PR, Goldberg GR, Leahy FE, Grilsenan MB, Prentice AM. Effects of inactivity and diet composition on human energy balance. Int J Obes 23:1269-1275, 1999.

54. Dunn AL, Andersen RE, Jakicic JM. Lifestyle physical activity interventions: history, short- and long-term effects, and recommendations. Am. J. Prev. Med. 15:398-412, 1998.

55. U.S. Department of Health and Human Services. The Surgeon General's call to action to prevent and decrease overweight and obesity: U.S. Department of Health and Human Services, Public Health Service, Office of the Surgeon General. 2000.

56. Stunkard AJ, Sorensen TI, Hanis C, et al. 1986 An adoption study of human obesity. N Engl J Med 314:193-8

57. Sorensen TI, Price RA, Stunkard AJ, Schulsinger F 1989 Genetics of obesity in adult adoptees and their biological siblings. Bmj 298:87-90

58. Woodward M, Lowe GDO, Rumley A. Epidemiology of coagulation factors, inhibitors and activation markers: the third Glasgow MONICA survey II. Relationships to cardiovascular risk factors and prevalent cardiovascular disease. British Journal of Haematology 97:785-97, 1997

59. Kooistra T, Bosma P, Tons H et al. Plasminogen activator-1:biosynthesis and mRNA levels are increased by insulin in cultured hepatocytes. Thrombosis Haemostasis 62:723-8, 1989.

60. Ford ES, Moriarty DG, Zack MM, Mokdad AH, Chapman DP: Self reported body mass index and health related quality of life. Findings from the behavioral risk factor surveillance system. Obes Res 9:21-31, 2001.

61. Raikkonen K, Matthews KA, Kuller LH: Anthropometric and psychosocial determinants of visceral obesity in healthy postmenopausal women. Int J Obes 23:775-782, 1999.

62. Rosmond R,Bjorntorp P: Psychosocial and socio-economic factors in women and their relationship to obesity and regional body fat distribution. Int J Obes 23:138-145, 1999.

63. Rosmond R,Bjorntorp P: Psychiatric ill-health of women and its relationship to obesity and body fat distribution. Obes Res 6:338-345, 1998.

64. Lapidus L, Bengtsson C, Hallstrom T, Bjorntorp P: Obesity, Adipose Tissue Distribution and Health in Women-Results from a Population Study in Gothenburg, Sweden. Appetite 12:25-35, 1989.

65. Rosmond R, Eriksson E, Bjorntorp P: Personality disorders in relation to anthropometric, endocrine and metabolic factors. J Endocrinol Invest 22:279-288, 1999.

66. Rosmond R, Lapidus L, Bjorntorp P: The influence of occupational and social factors on obesity and body fat distribution in middle-aged men. Int J Obes 20:599-607, 1996.

67. Rosmond R, Lapidus L, Marin P, Bjorntorp P: Mental distress, obesity and body fat distribution in middle-aged men. Obes Res 4:245-252, 1996.

68. Ljung T, Ahlberg AC, Holm G, Friberg P, Andersson B, Eriksson E, Bjorntorp P: Treatment of abdominally obese men with a serotonin reuptake inhibitor: a pilot study. J Intern Med 250:219-224, 2001.

69. Marniemi J, Kronholm E, Aunola S, Toikka T, Mattlar CE, Koskenvuo M, Ronnemaa T: Visceral fat and psychosocial stress in identical twins discordant for obesity. J Intern Med 251:35-43, 2002.

70. Rosmond R,Bjorntorp P: Quality of life, overweight, and body fat distribution in middle-aged men. Behav Med 26:90-94, 2000.

71. Rosmond R,Bjorntorp P: Endocrine and Metabolic Aberrations in Men With Abdominal Obesity in Relation to Anxio-depressive Infirmity. Metabolism 47:1187-1193, 1998.

72. Myers A,Rosen JC: Obesity stigmatization and coping: Relation to mental health symptoms, body image, and self-esteem. Int J Obes 23:221-230, 1999.

73. Stunkard AJ, LaFleur WR, Wadden TA: Stigmatization of obesity in medieval times: Asia and Europe. Int J Obes 22:1141-1144, 1998.

74. Sobal J,Stunkard AJ: Socioeconomic status and obesity: a review of the literature. Psychol Bull 105:260-275, 1989.

75. Cramer P, Steinwert T: Thin is good, fat is bad: how early does it begin? Journal of Applied Developmental Psychology 19:429-451, 1998.

76. Counts CR, Jones C, Frame CL, Jarvie GJ, Strauss CC: The perception of obesity by normal-weight versus school-age children. Child Psychiatry Hum Dev 17:113-120, 1986.

77. Strauss CC, Smith K, Frame C, Forehand R: Personal and interpersonal characteristics associated with childhood obesity. J Pediatr Psychol 10:337-343, 1985.

78. Pearce MJ, Boergers J, Prinstein MJ: Adolescent Obesity, Overt, and Relational Peer Victimization, and Romantic Relationships. Obes Res 10:386-393, 2002.

79. Canning H, Mayer AB, Mayer J: Obesity - its possible effect on college acceptance. N Engl J Med 275:1172-1174, 1966.

80. Crandall CS: Do Parents Discriminate Against Their Heavyweight Daughters? Journal of Personality and Social Psychology Bulletin 21:724-735, 1995.

81. Quinn, Diane M. and Crocker, Jennifer, Vulnerability To The Affective Consequences Of The Stigma Of Overweight, in Prejudice. The Target's Perspective, Swim, Janet K. and Stangor, Charles, Editors. 98, Academic Press: San Diego. 125-143.

82. Crocker J, Cornwell B, Major B: The Stigma of Overweight: Affective Consequences of Attributional Ambiguity. J Pers Soc Psychol 64:60-70, 1993.

83. Maddox GL, Back KW, Liederman VR: Overweight as social deviance and disability. J Health Soc Behav 8:287-298, 1968.

84. Puhl R,Brownell KD: Bias, discrimination, and obesity. Obes Res 9:788-805, 2001.

85. Teachman BA, Brownell KD: PAPER- Implicit anti-fat bias among health professionals: is anyone immune? Int J Obes 25:1525-1531, 2001.

86. Tenover JL: Experience with testosterone replacement in the elderly. Mayo Clinic Proc 75:577, 2000

87. Pasquali R, Baraldi G, Biso P: Effect of 'physiological' doses of triiodothyronine replacement on the hormonal and metabolic adaptation to short-term semistarvation and to low-calorie diet in obese patients. Clin Endocrinol 21:357, 1984

88. Byerley LO, Heber D: Metabolic effects of triiodothyronine replacement during fasting in obese subjects. J Clin Endocrinol Metab 81:968, 1996

89. Krotkiewski M, Holm G, Shono N: Small doses of triiodothyronine can change some risk factors associated with abdominal obesity. Int J obes 21:922, 1997

90. Björntorp P, Rosmond R: Neuroendocrine abnormalities in visceral obesity. Internat J Obesity 24:S80, 2000

91. French SA, Story M, Jeffery RW.Environmental influences on eating and physical activity. Annu Rev Public Health 2001. 22:309-35

92. Gillman MW, Rifas-Sherman SL, Frazier AL, Rockett HRH, Camargo CA, et al.2000. Family dinner and diet quality among older children and adolescents. Arch. Fam. Med. 9:235-40

93. Wing, RR, Behavioral approaches to the treatment of obesity, in Handbook of Obesity, G. Bray, C. Bouchard, and P. James, Editors. 1993, Marcel Dekker, Inc.: New York. p. 855-873.

94. Renjilian, DA, Perri, MG, Nezu, AM, McKelvey, WF, Shermer, RL, Anton, SD: Individual versus group therapy for obesity: Effects of matching participants to their treatment preferences J Consult Clin Psychol 69:717-721, 2001.

95. Perri, MG, Martin, AD, Leermakers, EA, Sears, SF, Notelovitz, M: Effects of group- versus home-based exercise in the treatment of obesity. J Consult Clin Psychol 65:278-285, 1997.

96. Andersen, RE, Bartlett, SJ, Moser, CD, Evangelisti, MI, Verde, TJ: Lifestyle or aerobic exercise to treat obesity in dieting women. Med Sci Sports Exer 29:S46., 1997.

97. Wadden, TA, Vogt, RA, Andersen, RE, Bartlett, SJ, Foster, GD, Kuehnel, RH, Wilk, J, Weinstock, R, Buckenmeyer, P, Berkowitz, RI, Steen, SN: Exercise in the treatment of obesity: Effects of four interventions on body composition, resting energy expenditure, appetite, and mood. J Consult Clin Psychol 65:269-277, 1997.

98. Wadden, TA, Vogt, RA, Foster, GD, Anderson, DA: Exercise and maintenance of weight loss: 1-year follow-up of a controlled clinic trial. J Consult Clin Psychol 66:429-433, 1998.

99 Simkin-Sliverman, L., Wing, RR, 'Management of obesity in primary care. Obesity Research, 1997. 5: p. 603-612.

100. Galuska, D.,, Will, JC, Serdula, MK and Ford, ES, Are health professionals advising obese patients to lose weight? JAMA, 1999. 282: p. 1576-1588.

101. Jenkins DJ, et al. Glycemic index of foods: a physiological basis for carbohydrate exchange. Am J Clin Nutr 1981 Mar;34(3):362-6.

102. Bessesen DH. The role of carbohydrates in insulin resistance. (medline) J Nutr. 2001 Oct;131(10):2782S-2786S.

103. Willett W, et al. Glycemic index, glycemic load, and risk of type 2 diabetes. Willett W, et al. (medline) Am J Clin Nutr. 2002 Jul;76(1):274S-80S.

104. Salmeron J, et al. Dietary fiber, glycemic load, and risk of NIDDM in men. (medline) Diabetes Care. 1997 Apr;20(4):545-50.

105. Salmeron J, et al. Dietary fiber, glycemic load, and risk of non-insulin-dependent diabetes mellitus in women. (medline) JAMA. 1997 Feb 12;277(6):472-7.

106. Harvard. Glycemic load, diet and health. (article) Harv Womens Health Watch updated: 2002 Feb 15.

108. Liu S. Diet, the glycemic index, and coronary heart disease in the Nurses' Health Study. (article) Southeast Lipid Association web site.

109. US Department of Agriculture. Dietary guidelines advisory committee meeting. 1999 June 16-18. Testimony of David S. Ludwig.

110. Ludwig DS. The glycemic index: physiological mechanisms relating to obesity, diabetes, and cardiovascular disease. (medline) JAMA. 2002 May 8;287(18):2414-23.

111. Wolever TM. The glycemic index: flogging a dead horse? (medline) (article) Diabetes Care. 1997 Mar;20(3):452-6.

112. Wolever TM. Prediction of glucose and insulin responses of normal subjects after consuming mixed meals varying in energy, protein, fat, carbohydrate and glycemic index. (medline) J Nutr 1996 Nov;126(11):2807-12.

113. Agus MS, et al. Dietary composition and physiologic adaptations to energy restriction. (medline) (article) Am J Clin Nutr 2000 Apr;71(4):901-7.

114. Brand-Miller JC, et al. Glycemic index and obesity. (medline) Am J Clin Nutr. 2002 Jul;76(1):281S-5S.

115. Gustafsson K, et al. Influence of processing and cooking of carrots in mixed meals on satiety, glucose and hormonal response. (medline) Int J Food Sci Nutr 1995 Feb;46(1):3-12.

116. Holt SH, et al. Interrelationships among postprandial satiety, glucose and insulin responses and changes in subsequent food intake. (medline) Eur J Clin Nutr 1996 Dec;50(12):788-97.

117. Gustafsson K, et al. Satiety effects of spinach in mixed meals: comparison with other vegetables. (medline) Int J Food Sci Nutr 1995 Nov;46(4):327-34.

118. Haber GB, et al. Depletion and disruption of dietary fibre. Effects on satiety, plasma-glucose, and serum-insulin. (medline) Lancet 1977 Oct 1;2(8040):679-82.

119. Bouche C, et al. Five-week, low-glycemic index diet decreases total fat mass and improves plasma lipid profile in moderately overweight nondiabetic men. (medline) Diabetes Care 2002 May;25(5):822-8.

120. Bupropion SR in obesity: A randomized double-blind placebo-controlled study. Gadde KM, et al. Duke University Medical Center. Presented at the American Psychiatric Association annual meeting, May 18, 1999.

121. Munro, JF, et al. "Comparison of Continuous and Intermittent Anorectic Therapy in Obesity", British Medical Journal 1:352-354,1968.

122. Skov, AR, et al. "Randomized Trial on Protein vs Carbohydrates in Ad Libitum Fat Reduced Diet for the Treatment of Obesity", International Journal of Obesity (1999) 23, 528-536

123. McKay RHG 1973 Long-term use of diethylpropion in obesity. Curr Med Res Opin 1:489-493

124. LeRiche WH, Csima A 1967 A long-acting appetite suppressant drug studied for 24 weeks in both continuous and sequential administration. Can Med Assoc J 97:1016–1020.

125. Silverstone T. Appetite suppressants: a review. Drugs 43:820-836, 1992.

126. Munro JF. Clinical aspects of the treatment of obesity by drugs: a review. Int J Obes. 1979;3(2):171?180.

127. Munro JF, MacCuish AC, Wilson EM, Duncan LPJ. Comparison of continuous and intermittent anorectic therapy in obesity. Br Med J 1:352-354, 1968

128. Steel JM, Munro JF, Duncan LJ. A comparative trial of different regimens of fenfluramine and phentermine in obesity. Practitioner 1973; Aug;211(262):232?236.

129. Goldstein DJ, Rampey AH Jr, Roback PJ, Wilson MG, Hamilton SH, Sayler ME, Tollefson GD. Efficacy and safety of long-term fluoxetine treatment of obesity--maximizing success. Obesity Research 1995; Nov;3 Suppl 4:481S-490S.

130. Hanotin C, Thomas F, Jones SP, Leutenegger E, Drouin P. A comparison of sibutramine and dexfenfluramine in the treatment of obesity. Obesity Res 1998; Jul;6(4):285?291.

131. Cole JO, Levin A, Beake B, Kaiser PE, Scheinbaum ML. Sibutramine: a new weight loss agent without evidence of the abuse potential associated with amphetamines. J Clin Psychopharmacol 1998; Jun;18(3):231?236.

132. Bray GA, Ryan DH, Gordon D, Heidingsfelder S, Cerise F, Wilson K. A double-blind randomized placebo-controlled trial of sibutramine. Obesity Res 1996; 4:263-270.

133. James WP, Avenell A, Broom J, Whitehead J. A one year trial to assess the value of orlistat in the management of obesity. Int J Obesity 21(Suppl 3):S24-S30, 1997.

134. Ullrich A, Erdmann J, Margraf J, Schusdziarra V. Impact of carbohydrate and fat intake on weight?reducing efficacy of orlistat. Aliment Pharmacol Ther. 2003 Apr15;17(8):1007?13.

135. Bray GA, Hollander P, Klein S, Kushner R, Levy B, Fitchet M, Perry BH. A 6?month randomized, placebo?controlled, dose?ranging trial of topiramate for weight loss in obesity. Obes Res. 2003 Jun;11(6):722?733.

136. Ben-Menachem E, Axelsen M, Johanson EH, Stagge A, Smith U. Predictors of weight loss in adults with topiramate-treated epilepsy. Obes Res. 2003 Apr;11(4):556-562.

137. Lee A, Morley JE. Metformin decreases food consumption and induces weight loss in subjects with obesity with type II non-insulindependent diabetes. Obesity Res 1998; Jan;6(1):47-53.

138. Fontbonne A, Charles MA, Juhan-Vague I, Bard JM, Andre P, Isnard F, Cohen JM, Grandmottet P, Vague P, Safar ME, Eschwege E 1996 The effect of metformin on the metabolic abnormalities associated with upper-body fat distribution. BIGPRO Study Group. Diabetes Care 19:920–926

139. Hunter GR, Weinsier RL, Bamman MM, Larson DE. A role for high intensity exercise on energy balance and weight control. Int J Obesity 22: 489-493, 1998.

140. Blundell JE, King NA. Physical activity and regulation of food intake: current evidence. Med Sci Sports Exerc. 31 (Suppl 11): S573-S583, 1999.

141. Schoeller, DA. Balancing energy expenditure and body weight. Am J Clin Nutr. 68 (suppl): 956S-961S, 1998.

142. Jeukendrup AE, Saris WHM, Wagenmakers AJM. Fat metabolism during exercise: A Review. Part II: Regulation of metabolism and the effect of training. Int J Sports Med 19: 293-302, 1998.

143. Calles-Escandon J, Goran MI, O'Connell M, Nair KS, Danforth E. Exercise increases fat oxidation at rest unrelated to changes in energy balance or lipolysis. Am J Physiol. 270: E1009-E1014, 1996.

144. Poehlman ET, Gardner AW, Arciero PJ, Goran MI, Calles-Escandon J. Effects of endurance training on total fat oxidation in elderly persons. J Appl Physiol 76: 2281-2287, 1994.

145. Wing RR. Physical activity in the treatment of adulthood overweight and obesity: current evidence and research issues. Med Sci Sports Exerc 31 (Suppl 11): S547-S552, 1999.

146. Ross R, Freeman JA, Janssen I. Exercise alone is an effective strategy for reducing obesity and related co-morbidities. Ex Sport Sci Rev 28: 165-170, 2000.

147. Westerterp KR. Obesity and physical activity. Int J Obesity 23 (Suppl 1) 59-64, 1999.

148. Wing RR, Hill JO. Successful weight loss maintenance. Annu Rev Nutr 21: 323-341, 2001.

149. Vita PM, Restelli A, Caspani P, Klinger R. Chronic use of glucomannan in the dietary treatment of severe obesity [Italian]. Minerva Med 1992;83:135-9.

150. Walsh DE, Yaghoubian V, Behforooz A. Effect of glucomannan on obese patients: a clinical study. Int J Obes 1984;8:289-93.

151. Cairella M, Marchini G. Evaluation of the action of glucomannan on metabolic parameters and on the sensation of satiation in overweight and obese patients [Italian]. Clin Ter 1995;146:269-74.

152. Pittler MH, Ernst E. Guar gum for body weight reduction: meta-analysis of randomized trials. Am J Med 2001;110:724-30.

153. Rodriguez-Moran M, Guerrero-Romero F, Lazcano-Burciaga G. Lipid- and glucose-lowering efficacy of Plantago Psyllium in type II diabetes. J Diabetes Complications 1998;12:273-8.

154. Sotaniemi EA, Haapakoski E, Rautio A. Ginseng therapy in non-insulin-dependent diabetic patients. Diabetes Care 1995;18:1373-5.

155. Lowenstein JM. Effect of (-)-hydroxycitrate on fatty acid synthesis by rat liver in vivo. J Biol Chem 1971;246:629-32.

156. Mattes RD, Bormann L. Effects of (-)-hydroxycitric acid on appetitive variables. Physiol Behav 2000;71:87-94.

157. Heymsfield SB, Allison DB, Vasselli JR, Pietrobelli A, Greenfield D, Nunez C. Garcinia cambogia (hydroxycitric acid) as a potential antiobesity agent: a randomized controlled trial. JAMA 1998;280:1596-600.

158. DeLany JP, Blohm F, Truett AA, Scimeca JA, West DB. Conjugated linoleic acid rapidly reduces body fat content in mice without affecting energy intake. Am J Physiol 1999;276(4 part 2):R1172-9.

159. Blankson H, Stakkestad JA, Fagertun H, Thom E, Wadstein J, Gudmundsen O. Conjugated linoleic acid reduces body fat mass in overweight and obese humans. J Nutr 2000;130:2943-8.

160. Kalman D, Colker CM, Wilets I, Roufs JB, Antonio J. The effects of pyruvate supplementation on body composition in overweight individuals. Nutrition 1999;15:337-40.

161. Colker CM, Torina GC, Swain MA, Kalman DS. Double-Blind Study Evaluating the Effects of Exercise Plus 3-Acetyl-7-oxodehydroepiandrosterone on Body Composition and the Endocrine System in Overweight Adults. Abstract presented at 2nd ASEP Annual Meeting, October 14-16, 1999, and published in Journal of Exercise Physiology online, Volume 2 Number 4 October 1999.

162. Cangiano C, Ceci F, Cancino A, et al. Eating behavior and adherence to dietary prescriptions in obese adult subjects treated with 5-hydroxytryptophan. <u>Am J Clin Nutr 1992;56:863-7</u>.

163. Noakes M, Foster PR, Keoigh JB, Clifton PM. Meal replacements are as effective as structured weight loss diets for treating of obesity in adults with features of metabolic syndrome. J Nutr. 2004 Aug; 134(8): 1894-9.

164. Heymsfield SB, van Mierio CA, ven der Knaap HC, Heo M, Frier HI. Weight management using a meal replacement strategy: meta and pooling analysis from six studies. Int J Obes Relat Metab Disord. 2003 May;27(5): 537-49.



Empire Medical Training Vendor Partners





MasterPharm, LLC

Corporate Offices 953 Franklin Avenue Garden City, New York 11530

www.masterpharm.com tmasta@masterpharm.com Toll Free 866-630-5600

EVALUATION FORM





We value your comments! Please complete this form and hand it to a representative at the completion of the course during "checkout". The Physician advisory board will read each and every evaluation and will implement improvements to future courses based on your input. We appreciate your feedback.

SEMINAR NAME							
INSTRUCTOR #1 NAME							
INSTRUCTOR #2 NAME							
ATE LOCATION							
1. Please provide us with some information Rating scale: 5 = Outstanding	-		id 2 =	= Fair	1 = Poor		
Overall, this conference was: The course manual was: The Instructors' teaching skills are: Your overall experience:		5 	4 □ □ □ □ □ □ □ □ □	3 	2 □ □ □	1 	
2. Please comment on each of the instruction	ctors, did you ei	njoy the te	aching pr	ovided?			
3. Please comment on the support staff, were they helpful and courteous?							
4. What additional courses or topics would you like to be offered?							
5. If you are a member, what would you I	ike to see offere	ed that is n	iot curren	tly provide	d?		
6. Please comment on anything you woul the experience for you.	ld change that v	vould impr	ove the q	uality of th	e teaching o	or enhance	
7. Additional Comments							

YOUR NAME

Copyright 2008 An pire Medical Irating, Inc. All rights reserved. Duplicating, using or copying any portion of this work will subject the offender to significant statutory damages and attorney fees regardless of any citation or attribution of this work. For rights and permissions contact the legal department at Empire Medical Training, Inc prior to any proposed use of any part of the copyrighted work.

©Copyright 2018 Empire Medical Training, Inc. All rights reserved. Duplicating, using or copying any portion of this work will subject the offender to significant statutory damages and attorney fees regardless of any citation or attribution of this work. For rights and permissions contact the legal department at Empire Medical Training, Inc prior to any proposed use of any part of the copyrighted work.





Receipt of Training Completion & Acknowledgement Form

I have paid in full and attended Empire Medical Training's and/or AAOPM seminar event (s). I have completed the training and attest that I have received all related training materials as described for the specific program(s) including the manual(s) and access to the physician portal per the outlined course descriptions (i.e. forms, consents, marketing materials etc.)

I understand that to renew my certificate I will contact Empire Medical Training and/or AAOPM prior to the expiration date.

Furthermore, <u>I attest that the training was complete and adequate.</u>

Please Circle the Programs you have completed at this Event.

- 1. Acne Therapies
- 2. Advanced Aesthetics
- 3. Advanced Pain Management
- 4. Allergy Test and Training
- 5. Anti-Aging Therapies
- 6. Autologous Fat Transfer
- 7. Botulinum Toxin Training
- 8. Cosmetic Laser
- 9. Dermal Fillers
- 10. Dermatology Procedures
- 11. Facial Aesthetics
- 12. Hair Loss Therapy
- 13. Hormone Pellet Training
- 14. Joint Injections
- 15. Liposuction
- 16. Meet the Experts / Advanced Botox & Fillers
- 17. Mesotherapy
- Name: _____

Date: _____

- 18. NCV/EMG
- 19. Pain Management
- 20. Practice Marketing
- 21. Platelet Rich Plasma
- 22. Sclerotherapy
- 23. Sexual Dysfunction
- 24. Submental Liposuction
- 25. Smoking Cessation
- 26. PDO Thread Lift Training I
- 27. Ultrasound Guided Pain Management
- 28. Vascular Ultrasound
- 29. VIP / Concierge Medicine
- 30. Weight Loss / HCG
- 31. Your Aesthetic Practice
- 32. PDO Thread Lift II (meet the experts)

Signature: _____

©Copyright 2018 Empire Medical Training, Inc. All rights reserved. Duplicating, using or copying any portion of this work will subject the offender to significant statutory damages and attorney fees regardless of any citation or attribution of this work. For rights and permissions contact the legal department at Empire Medical Training, Inc prior to any proposed use of any part of the copyrighted work.

AESTHETIC

- Complete Botulinum Toxin Training
- Complete, Hands-on Dermal Filler
- Advanced Botulinum Toxin/Dermal Filler Training (Level II)
- NEW! Master Injection III Series
- Complete Dermal Filler/Botulinum Toxin 1-day Training
- NEW! Platelet Rich Plasma for Aesthetics
- NEW! PDQ Thread Lift Training (Level I)
- NEW! PDO Barbed Surgical Thread Lift Training (Level II)
 Complete Facial Aesthetics
- Sclerotherapy for Physicians & Nurses
- Mesotherapy Training
- Cosmetic Laser Courses and Certification (2 Day)
- Advanced Cosmetic Laser Hands On
- Acne Therapies for an Aesthetic Practice Private Aesthetic Training (At Your Office)
- Your Aesthetic Practice Turnkey for Success

ANTI-AGING

- Anti-Aging Modules 1 & 2
- Physician Medical Weight Loss Training
- NEW! I.V. Nutrition Therapies Training
- NEW! Sexual Dysfunction Training for Men and Women
- NEW! Medical Hair Loss Therapies Training
- NEW! Hormone Pellet Training & Therapies
- Allergy Test and Treatment Training
- NEW! Advanced Stem Cell Therapies Training

SURGICAL

- Autologous Fat Transfer
- NEW! PDO Barbed Surgical Thread Lift Training (level II)
- Tumescent Liposuction Office Based
- Submental Liposuction
- Laser Lipolysis for Primary Care (In-Office)
- Liposuction Tumescent & Laser (2 Day)
- Colonoscopy Training

PAIN

- Pain Management (3 Day Training)
- Advanced Pain Management
- NCV / EMG (2 day training)
- Joint / Extremity / Non Spinal Injection Course
- **NEW!** ACP & Stem Cell Therapies
- Ultrasound Guided Interventional Pain Management Procedures
- Adjunctive Therapy Modalities for Musculoskeletal Pain
- Physical Therapy Physician Supervised
- Private Pain Management Training (At Your Office)

PRIVATE TRAINING

- Private Pain Management Training (At Your Office)
- Private Aesthetic (At Your Office)
- Hair Coach Certification Training

MEDICAL

- Dermatology Procedures Training (2 Day)
- Advanced Smoke Cessation Therapy
- Vascular Ultrasound (2 Day)

FINANCIAL SUCCESS

- DPC & Concierge Medical
- Advanced Practice Marketing
- Advanced Marketing Symposium
- Employee Sales Mastery Program
- Physicians Wealth Expo
- Your Aesthetic Practice Turnkey for Success

Ph: (866) 333-6747 info@EmpireMedicalTraining.com www.EmpireMedicalTraining.com