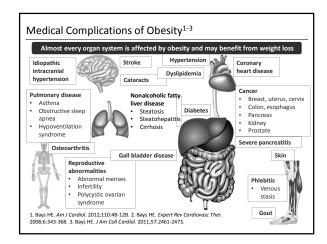
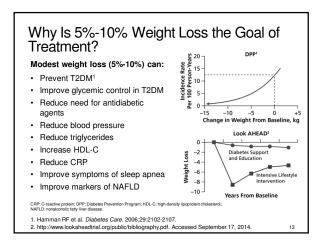
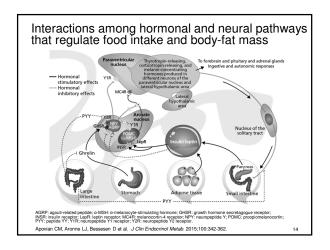
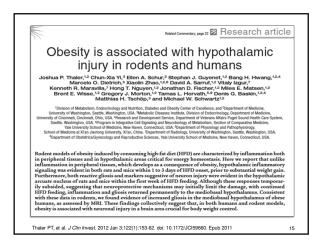


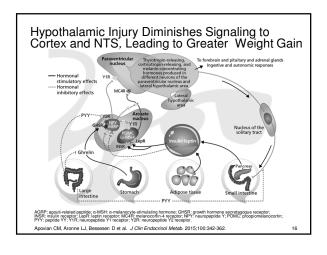
What is the disease?

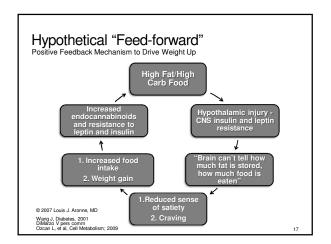


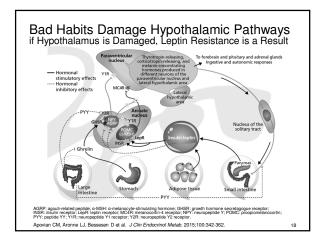


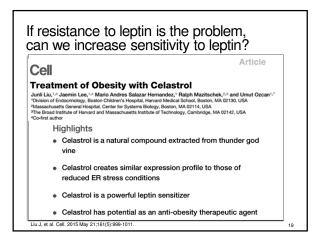


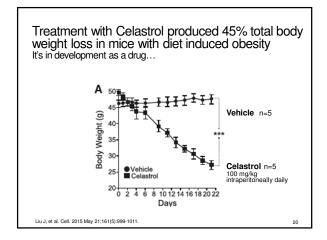




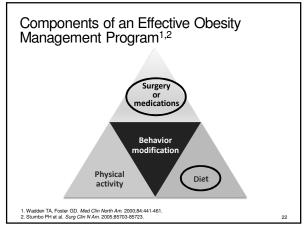










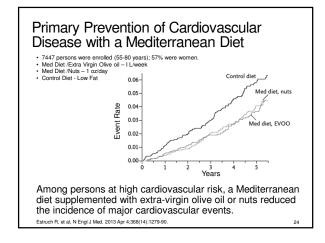


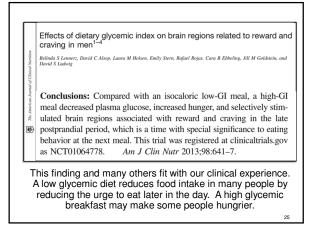
What's the best diet for my patients?

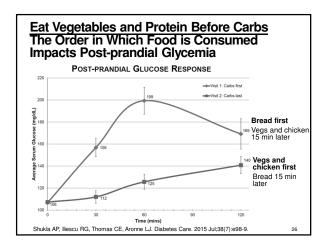
- •No diet is "The Best"
- We favor low glycemic, Mediterranean diet

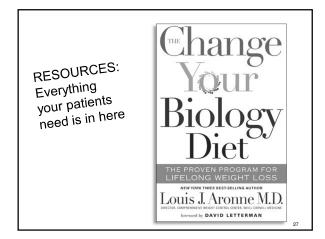
23

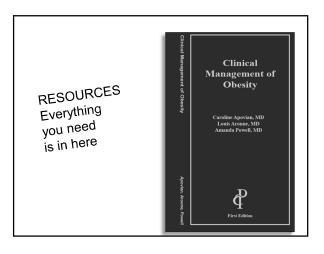
- Appears to improve compliance
- Reduces CV risk

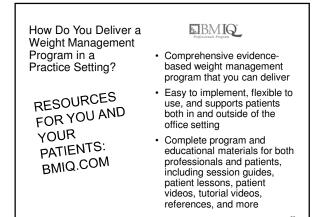


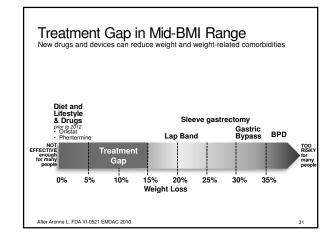


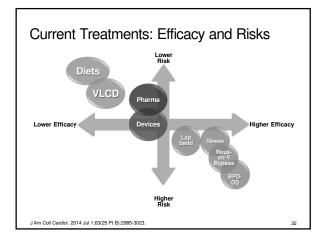


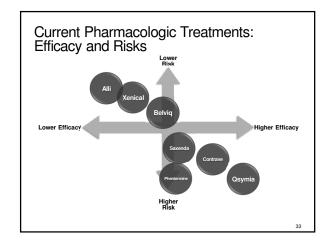


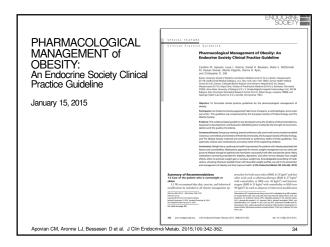


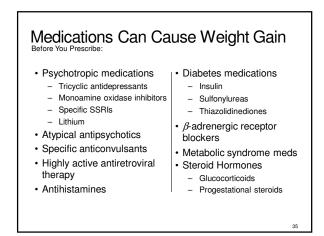


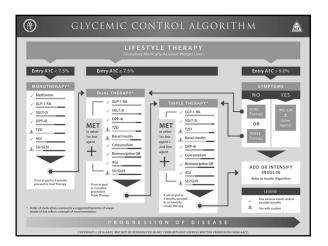


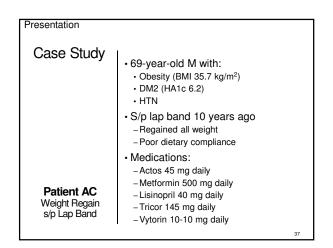


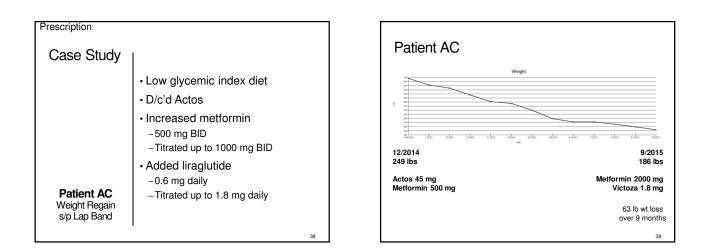


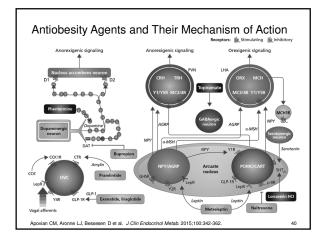


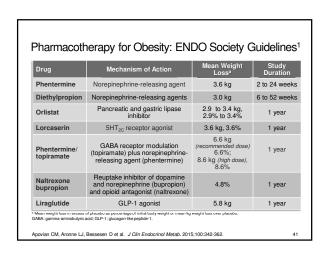








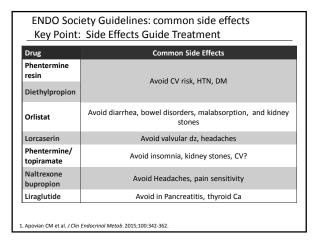


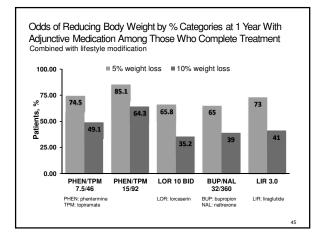


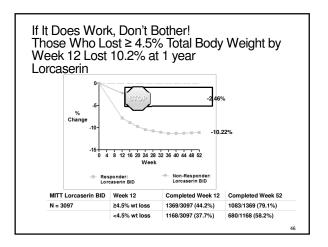
| Weight-Loss Medications At present, prescribing is often based on cost and side effect profile | | |
|---|--|--|
| Drug | Advantages | Disadvantages |
| Phentermine | Inexpensive, greater weight loss ^a | Side-effect profile, no long-term data ^b |
| Topiramate/phentermine | Robust weight loss ^a , long-term data | Expensive, teratogen |
| Lorcaserin | Side-effect profile, long-term data ^b | Expensive |
| Orlistat, prescription | Nonsystemic, long-term data ^b | Less weight loss ^a , side-effect profile |
| Orlistat, over the counter | Inexpensive | Less weight loss ^a , side-effect profile |
| Natrexone/bupropion | Greater weight loss ^a , food addiction, long-term data ^b | Side-effect profile, mid-level price range |
| Liraglutide | Side-effect profile, long-term data ^b | Expensive, injectable |

ENDO Society Guidelines: common side effects Key Point: Side Effects Guide Treatment Common Side Effects Drug Phentermine resin Headache, elevated BP, elevated heart rate, insomnia, dry mouth, constipation, anxiety; palpitation, tachycardia, Diethylpropion Decreased absorption of fat-soluble vitamins, steatorrhea, oily Orlistat spotting, fecal urgency, oily evacuation, increased defecation Lorcaserin Headache, nausea, dry mouth, dizziness, fatigue, constipation Phentermine/ Insomnia, dry mouth, constipation, paresthesia, dizziness, topiramate dysgeusia Naltrexone Nausea, constipation, headache, vomiting, dizziness bupropion Liraglutide Nausea, vomiting

1. Apovian CM et al. J Clin Endocrinol Metab. 2015;100:342-362.

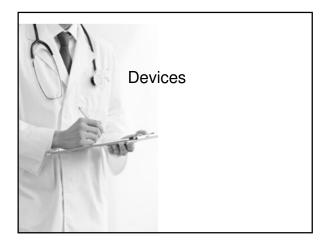


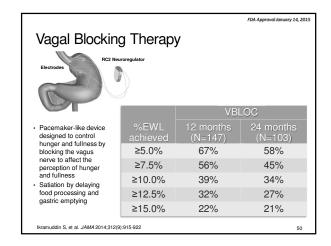


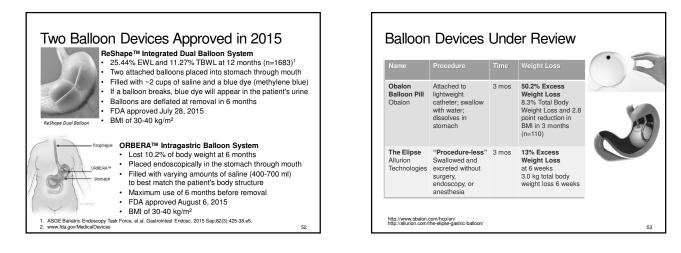


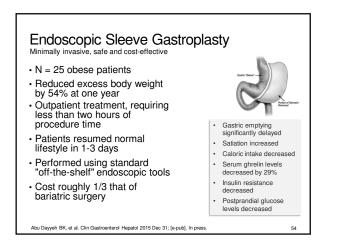
Questions you may have???

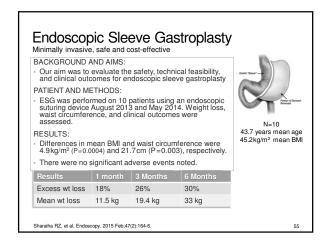
- Q: What medicine should I use for which patient?
 - A: Based on side effect profile and coverage
- Q: What about metformin?
 - A: It works
- Q: What do you use for drug-induced weight gain?
 - A: Depends on the drug, how critical, what the MD prescribing it says





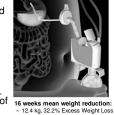






Devices in Trial: Aspire Assist

- · Removable device
- · 20 minute procedure is performed under conscious sedation - no general anesthesia is required Removes ~30% of food from stomach before calories are absorbed, causing weight loss



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- Thin tube connects inside of stomach directly to a discreet Skin-Port on outside of abdomen. Valve on port valve controls flow of stomach contents
- Aspiration process is performed ~20 minutes after entire meal is consumed and takes 5 to 10 minutes to complete, 3x/day
- http://aspirebariatrics.com/about-the-aspireassist

Devices in Trial: GELESIS100 Polymer

- Superabsorbent hydrogel capsules taken orally prior to a meal
- Contain small particles that expand ~100 times when hydrated in the stomach and small intestine, triggering several important satiety and glycemic control mechanisms
- Mean \pm SD body weight percent change from baseline to the end of 12 week treatment were -6.1 \pm 5.1% (P=0.026) with Gelesis100 2.25 g

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