

Obesity is a Disease

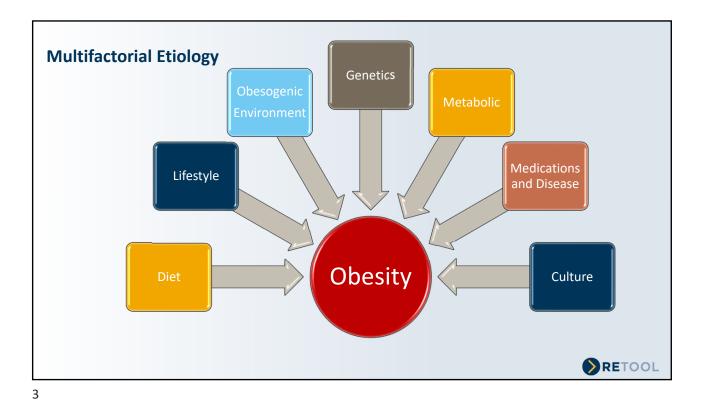
A chronic, relapsing, multi-factorial, neurobehavioral disease, wherein an increase in body fat promotes adipose tissue dysfunction and abnormal fat mass physical forces, resulting in adverse metabolic, biochemical, and psychosocial health consequences.

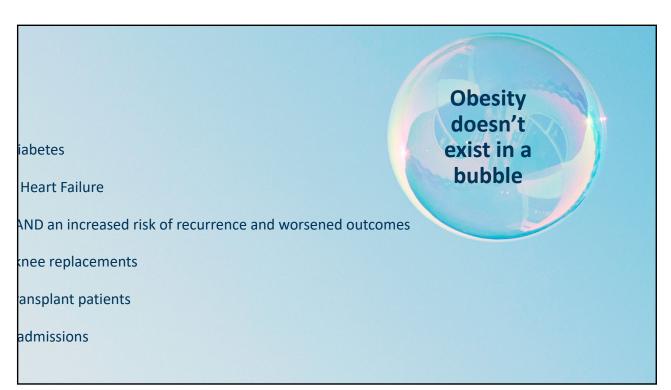
- 2014-2015 American Society of Bariatric Physicians

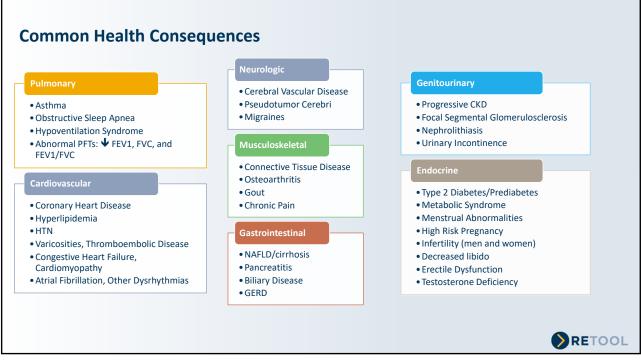
Obesity Myths

- Body weight = calories in calories out
- Obesity is primarily caused by voluntary overeating and a sedentary lifestyle
- Obesity is a lifestyle choice
- Obesity is a condition, not a disease
- Severe obesity is usually reversible by voluntarily eating less and exercising more

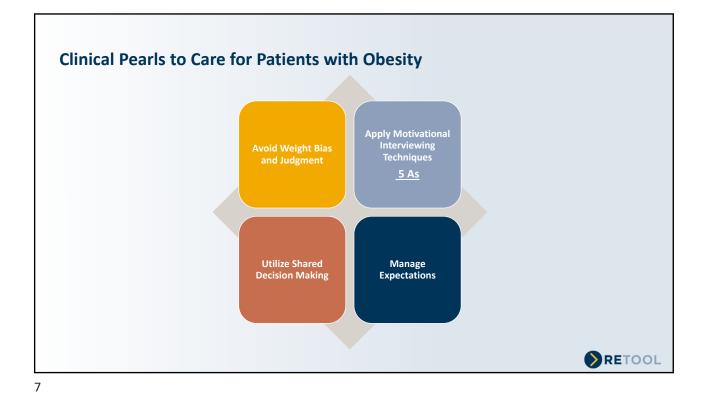
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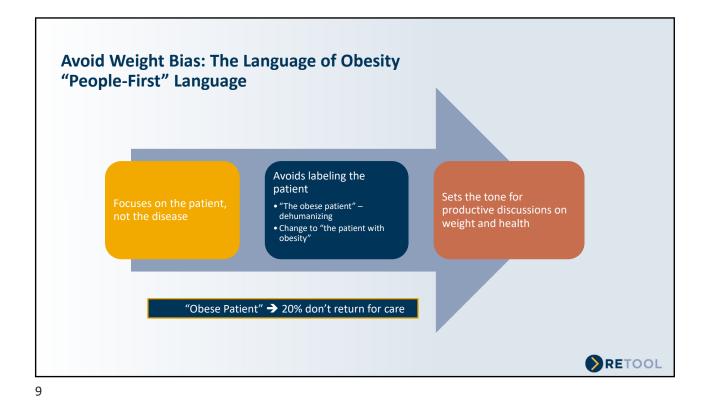


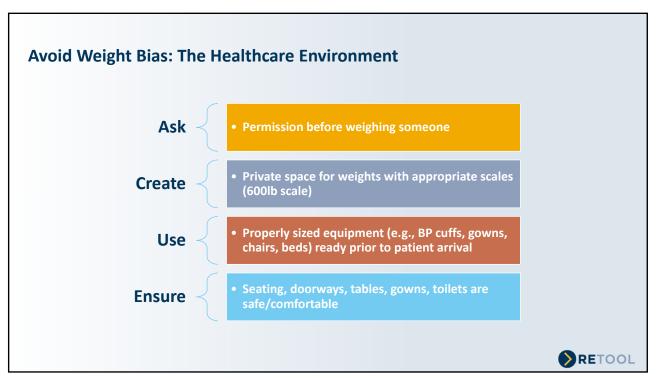


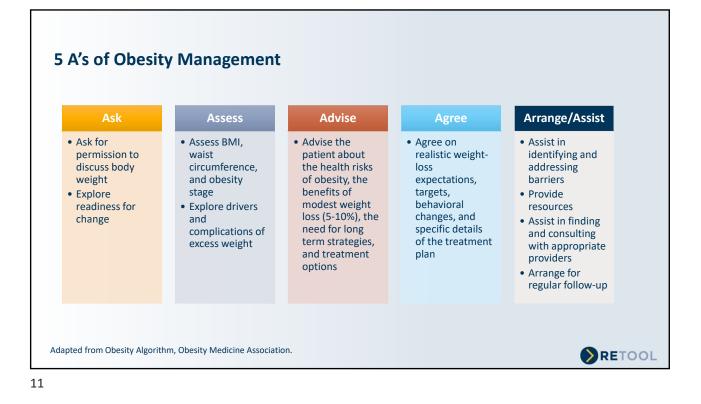


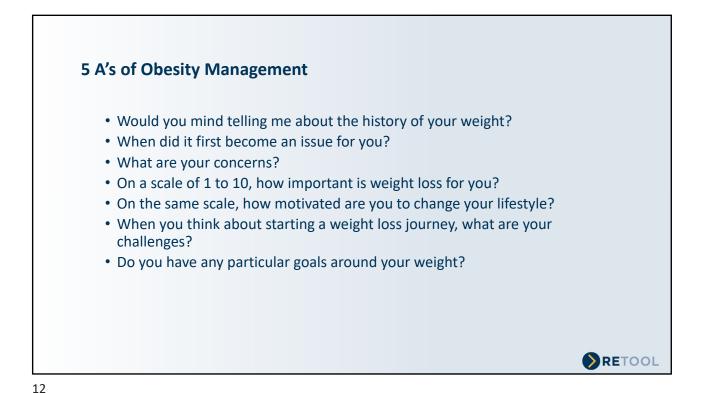
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8











	≥ 2 %	≥ 5%	≥ 10%	≥ 16%
Improved glucose metabolism	Х	Х	Х	Х
Reduction in systolic blood pressure	х	Х	Х	Х
Reduction in triglycerides	х	Х	Х	Х
Improvements in PCOS/infertility	х	Х	х	Х
Reduction in diastolic blood pressure		Х	Х	Х
Improvement in Impact on Weight on Quality-of-Life score		х	х	х
Improved depression		х	х	х

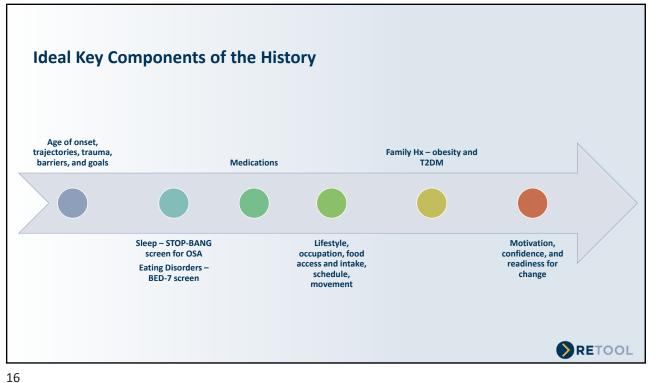
Bays, H. E., Fitch, A., Christensen, S., Burridge, K., & Tondt, J. (2022). Anti-obesity medications and investigational agents: An obesity medicine association (OMA) clinical practice statement (CPS) 2022. Obesity Pillars, 2. https://doi.org/10.1016/j.obpill.2022.100018.

Benefits Associated with Modest Weight Loss

	≥ 2%	≥ 5%	≥ 10%	≥ 16%
Improved functionality & pain w/ knee OA	Х	Х	Х	Х
Reduction in hepatic steatosis	Х	х	х	х
Improved urinary incontinence	Х	х	Х	Х
Improved sexual function	Х	х	х	х
Increased HDL-cholesterol	Х	х	Х	Х
Improvements healthcare costs	Х	х	х	х
Improved obstructive sleep apnea			х	Х
Improved non-alcoholic steatohepatitis			х	х
Potential reduction in cardiovascular and overall mortality				Х

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15



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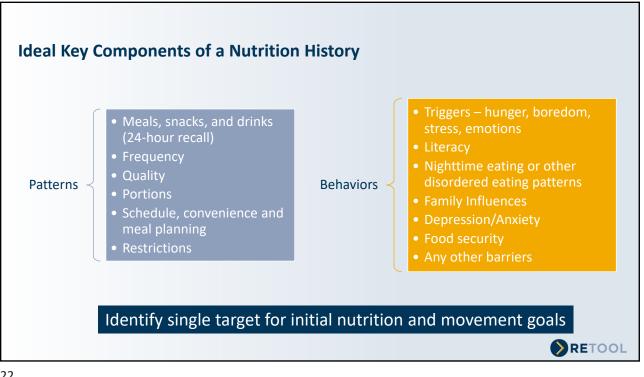


Class	Name		Alternative Therapy	
SSRIs/SNRIs	Citalopram Ve Less Weight Promo Vortioxetine De	ioxetine* Inlafaxine	Bupropion	
Tricyclics: 0.4-4kg/month	Amitriptyline Trimipramine Imipramine Doxepin		Nortriptyline	
Atypical Antidepressant	Mirtazapine Trazodone			

Class	Name	Weight Gain	Alternative Therapy
Antipsychotics	Haloperidol Clozapine Chlorpromazine Fluphenazine Risperidone* Olanzapine Quetiapine Aripiprazole	5-10 kg * Up to 5 KG	Ziprasidone Lurasidone Consider adding metformin Lamotrigine
Antiseizure	Valproic Acid Carbamazepine Gabapentin Pregabalin	More than 10 kg	Topiramate Zonisamide Lamotrigine

Class	Name	Weight Gain	Alternative Therapy
Insulins	Insulin	5-10 KG	Metformin
Thiazolidinedione	Pioglitazone	5-10 kg	GLP1 RAs (liraglutide, dulaglutide, semaglutide) GIP and GLP1 RA (Tirzepatide)
Sulfonylureas	Glipizide	Up to 5 kg	SGLT2 inhibitors (canagliflozin, dapagliflozin, empagliflozin)
	Glyburide 5-10 kg	DPP4i (alogliptin, lingliptin, sitagliptin, saxagliptin)	
	Glimepiride	5-10 kg	
	Chlorpropamide Tolbutamide Gliclazide	5-10 kg	
Meglitinides	Repaglinide	Up to 5 kg	

Class	Name	Alternative Therapy	
Beta-Blockers	Atenolol Propranolol Metoprolol	Carvedilol ACE Inhibitors ARBS CCBs	
Antihistamines	Diphenhydramine	Fexofenadine Loratadine	
Corticosteroids		NSAIDS DMARDS	
Hormonal Therapy and Contraception	Progesterone Tamoxifen Aromatase Inhibitors		

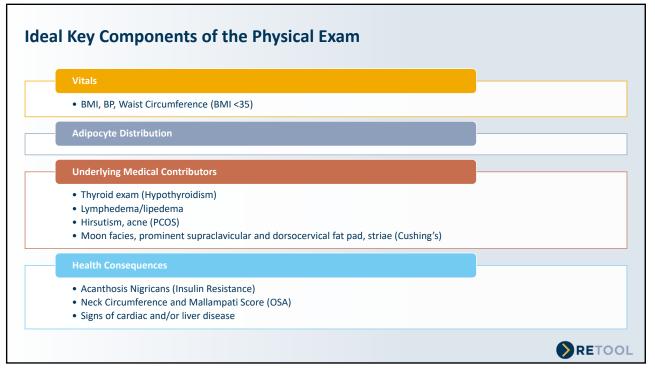


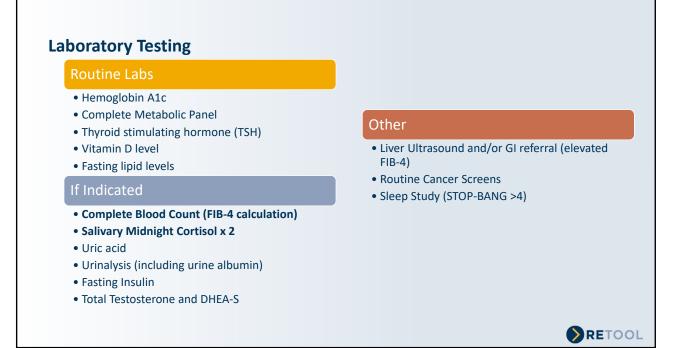
Nutrition History Prompts

- · Can you tell me about your nutrition?
- What are your struggles around your eating?
- Do you have any barriers or concerns with buying food or food shopping?
- · How many of your meals do you prepare at home?
- If you eat out, what types of places do you eat at?
- Do you think you have excessive hunger?
- If yes, when does that happen or is it all the time?
- Are there reasons other than hunger that you eat?
- Are portions a concern for you?
- Do you ever eat in the middle of the night?
- Do you have any other vulnerabilities around food or food choices?
- Can you tell me what you ate and drank yesterday from the time you got up until the time you went to bed?









Treatment		BMI C	ategory (kg/m²)		
	25-26.9	27-27.9	30-34.9	35-35.9	<u>></u> 40
Diet, physical activity and behavioral therapy	Yes, with comorbidities	Yes, with comorbidities	Yes	Yes	Yes
Pharmacotherapy		Yes, with comorbidities	Yes	Yes	Yes
Surgery				Yes, with comorbidities	Yes
			BMI of 30-50		

