

# ADOLESCENT OBESITY: ENCOURAGING PATIENT BEHAVIOR CHANGE

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# **OBJECTIVES**

### Participants will:

- State two Institute for Clinical Systems Improvement recommendations to health providers for the assessment of patient motivation and readiness to change related to the management of obesity.
- State the clinical practice guideline recommended clinical interventions utilizing the Transtheoretical Model of behavior change.
- Access and use electronic and other resources specifically for adolescents with obesity.

# ADDRESSING PATIENT'S NEEDS ...

# An intervention that matches patient readiness to change.

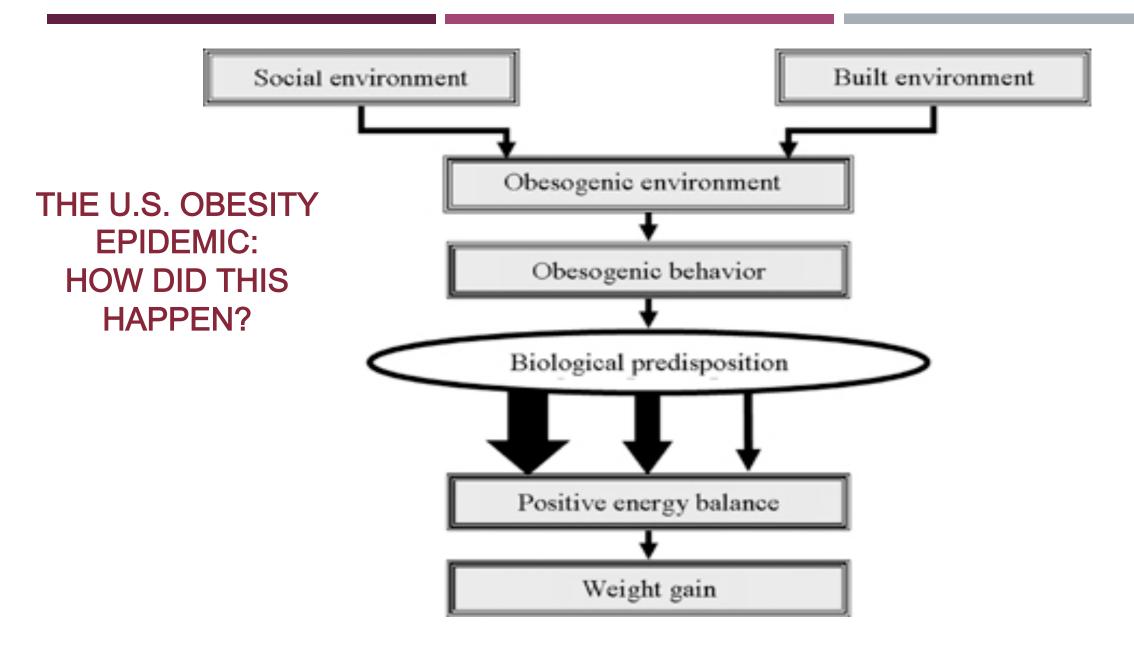
### HEALTHCARE INDUSTRY

# ADDRESSING THE HEALTH CARE INDUSTRY REQUIREMENTS...

"MEANINGFUL USE"

"PATIENT CENTERED MEDICAL HOME"

# THE U.S. OBESITY EPIDEMIC: HOW DID THIS HAPPEN?



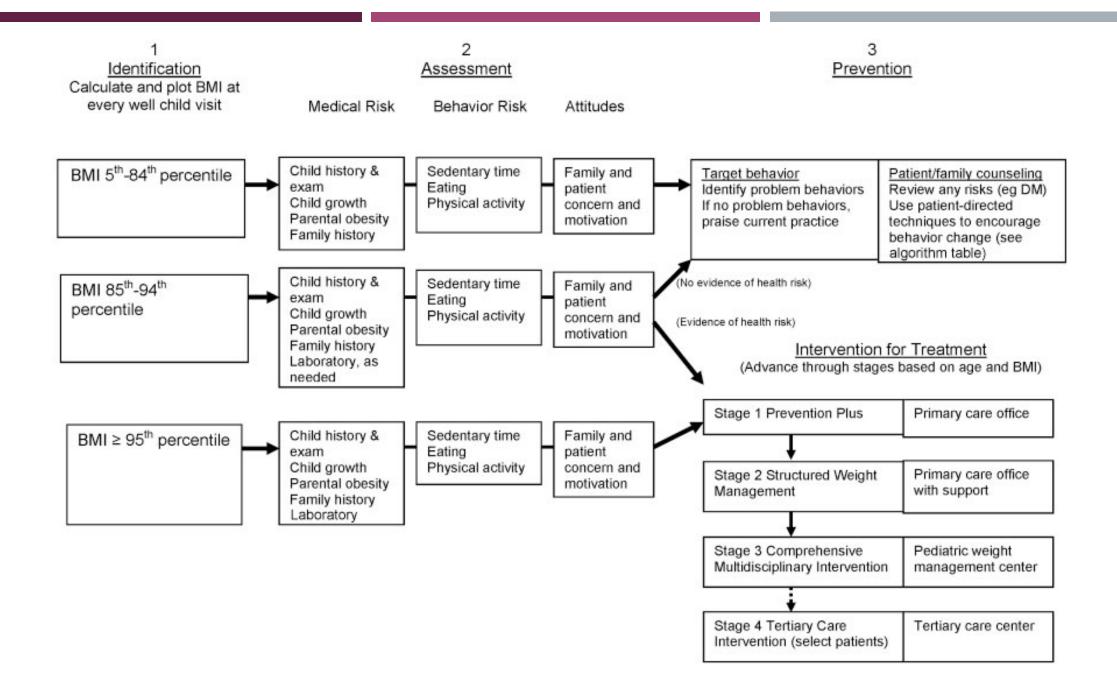
### TREATMENT GUIDELINES

Institute for Clinical Systems Improvement Recommendations:



- Assess Readiness to Change Is Patient Ready to Lose Weight?
- Clinicians should use motivational interviewing techniques as a tool for encouraging behavior
- Clinicians can use the Stages of Change Model/Transtheoretical Model of behavior change to treat obesity

Fitch A, Everling L, Fox C, Goldberg J, Heim C, Johnson K, Kaufman T, Kennedy E, Kestenbaum C, Lano M, Leslie D, Newell T, O'Connor P, Slusarek B, Spaniol A, Stovitz S, Webb B. Prevention and management of obesity for adults. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2013 May. 99 p.

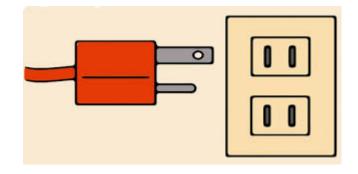


# STAGES OF CHANGE MODEL

- An integrative framework used to understand the process of intentional behavior change
- Change is not an event, but rather a process that unfolds over time through a series of stages



# STAGES OF CHANGE MODEL: ASSUMPTIONS



The majority of at risk populations are NOT prepared for action and will NOT be served by traditional <u>action-oriented</u> prevention programs

### STAGES OF CHANGE MODEL: ASSUMPTIONS

■ Without planned interventions, most populations will remain stuck in early stages.

There is NO inherent motivation to progress through stages.

# ASSESSMENT OF CHANGE

- Jorge presents for a follow-up sick visit for cough/sore throat
- You notice that Jorge has gained a significant amount of weight in the last two years:

Date of Measurement	Weight	ВМІ	BMI %tile
Today	225lbs	39.5	100
12-months ago	l 85lbs	33.3	98
24-months ago	l 68lbs	30.6	97

- Jorge is otherwise well and has no family history of cardiovascular disease
- Jorge has not had a cholesterol or blood lipid test done in the previous 2-years

- Jorge lives with his biological parents and with two younger siblings (ages 12 and 7)
  - Most of his time is spent in school and in a part-time job at a fast-food restaurant
- You ask Jorge about his diet:
  - He rarely eats breakfast
  - He eats school lunch daily
  - Will eat dinner at home on his days off otherwise he eats from the fast-good menu at work

■ We decide to raise the topic of Jorge's weight status.

How would you raise the topic of weight with Jorge?

- Provide BMI Information
  - Some examples of how to initially address weight status:
    - "We checked your BMI, which is a way of looking at weight and taking into consideration how tall someone is. Your BMI is in the range where we start to be concerned about extra weight causing health problems."
- 2 Elicit concerns
  - "What concerns, if any, do you have about your weight?"

Jorge responds: "I've noticed that my clothes do not fit me anymore and my mom keeps telling me that I'm going to become diabetic."

- Reflect/probe
  - "So you've noticed a change in your clothes size and your mom is worried about diabetes. What makes someone worry about diabetes?"

- You decide to order fasting glucose & fasting cholesterol/lipid screening
- You ask Jorge and his parent if they would be able to return for another visit when test results are ready
- In the meantime, you talk to Jorge about the benefits of engaging in healthy eating behaviors & exercise
  - What questions could you ask Jorge to gauge his motivation to change/engage in healthy behaviors more often?

Examples of how to assess readiness to change:

Assess willingness/
Importance

On a scale of 0 to 10, with 10 being very important, how important is it for you to eat a more healthy diet or do more exercise?

Assess confidence

On a scale of 0 to 10, with 10 being very confident, assuming you decided to change the types of food you eat and how much you exercise, how confident are you that you could succeed?

- Explore importance and confidence ratings with the following probes:
- Benefits "You chose 6. Why did you not choose a lower number?"

  Because I will perform better if I eat healthier.
- "You chose 6. Why did you not choose a higher number?"

  Because my friends don't eat healthy and I know it will be hard if I'm the only one.
- Solutions What would it take you to move to an 8?

  If I find someone to help me.

Assessing stage of change:



When people make major changes in their lives, like eating a more healthy diet or doing more exercise, the change usually doesn't happen overnight!

Here are some steps that people often go through.

Which step are you at right now?

# INTERVENTION STRATEGIES

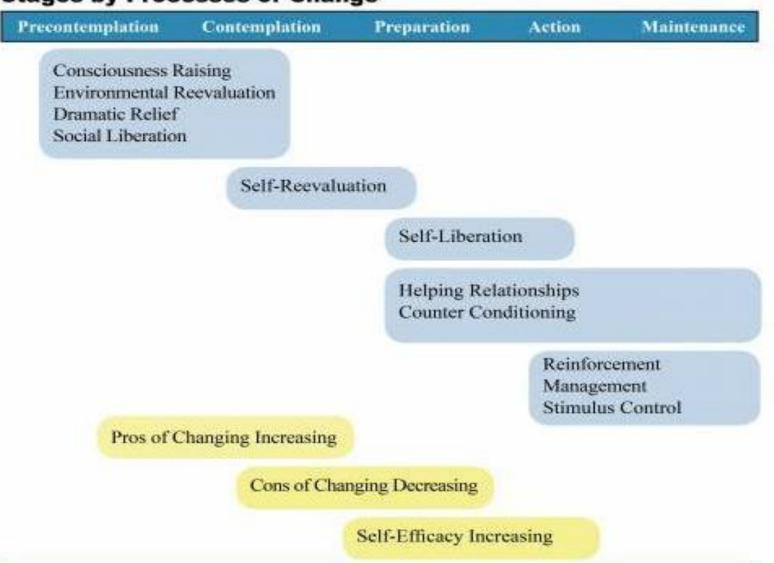
STAGES OF CHANGE MODEL

# PROCESS OF CHANGE

- 10 processes have the most empirical support
  - Covert and overt activities that people use to progress through the stages
  - Process of change provide important guides for intervention programs

# PROCESS OF CHANGE

### Stages by Processes of Change



# PRE-CONTEMPLATION STAGE

# Process:

**Consciousness raising**: increased awareness about the causes, consequences, and cures for a particular problem behavior.

**Interventions:** feedback, education, confrontation, interpretation, bibliotherapy

# PRE-CONTEMPLATION STAGE: CONSCIOUSNESS RAISING

### **Pre-Contemplation**

Link Between Behavior & Weight

all know that our behaviors have consequences. For example, if you study for a test, you are more likely to get a better grade. If you don't study for a test, then you may not do so well. Your health is no different. If your behaviors are healthy, then your body will also

be healthy. This is also true about your weight. There are behaviors that cause people to gain weight, and there are behaviors that help people maintain a healthy weight.

### What are some behaviors you think cause people to gain weight?



### How does your list compare?

Behaviors that may cause people to gain weight:



- Eating when you are not hungry
- Spending too much "screen-time" (i.e., TV,



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# CONTEMPLATION STAGE

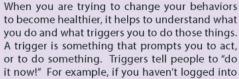
Process:

Environmental Reevaluation: how the presence or absence of a personal habit affects one's social environment

# CONTEMPLATION STAGE: ENVIRONMENTAL REEVALUATION

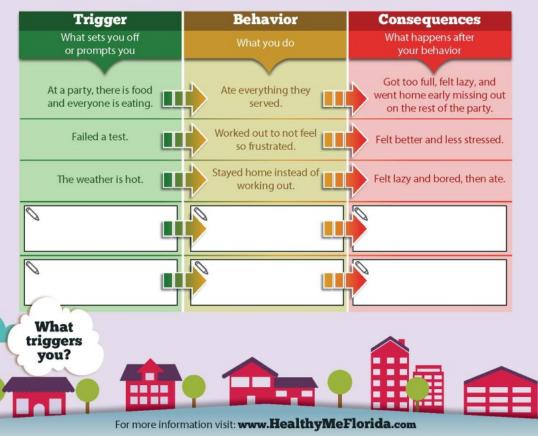
### Contemplation

Find What Triggers You



your Facebook account for a while, you might get a message from Facebook saying "we've missed you, click here to login now and see new posts on your News Feed." This message may trigger you to click on the link and open Facebook.

Figuring out what triggers you to do unhealthy behaviors can help you come up with ideas for things you can do different when you are ready. Try coming up with some ideas below about what triggers some of your health behaviors and what are the consequences. You will see that some of the consequences make it easy to change your behaviors, and others may make it hard to change.







### PREPARATION STAGE

# Process:

**Decisional Balance:** pros and cons of different choices helps someone decide what to do in certain circumstances.

Ambivalence: found in people who are engaged in behaviors that are harmful to their health

# PREPARATION STAGE: DECISIONAL BALANCE

### Preparation

Evaluating the Pros and Cons of Behavior Change, part 1

As you may already know, there are pros and cons of trying to do healthy things. Sometimes it may seem like the cons are so strong that change will be too difficult or impossible. It helps to compare your own list of pros and cons to evaluate if the cons are really as big as they seem. Below is a list

of pros and cons of trying to eat things that are healthy and of avoiding drinks with lots of sugar. Select the ones that apply to you, or add some of your own:

EATING	HEALTHY			
PROS	CONS			
I will feel satisfied and like I am doing something good for my myself.	I'm tempted to eat.			
☐ I will have a healthier body or better skin.	I have cravings.			
☐ I will feel more fit.	Other people might eat foods that I want in front of me.			
I will have more energy and feel more alert.	When I feel bored or stressed I will need to look for something to do other than eating.			
AVOIDING SUGARY DRINKS				
PROS	CONS			
My blood-sugar levels will be normal.	I might have fewer options for drinks.			
I will feel energized longer, and avoid a sugar crash.	I might not like the taste of water or of other drinks.			
I will perform better in sports or school.	It may be a challenge at first to cut back. 🔲			
I will have better skin or cleaner teeth.	I might feel like I'm the only person trying to cut back.			
Take a moment to look at your list of pros and consare the pros, and how important are the cons?	. On a scale of 1 to 10, how important would you say			
NOT IMPORTANT 1   2   3   4   5	6   7   8   9   10 VFRYIMPORTANT			
Eating Healthy pros cons Avoding Sugary Drinks pros cons				
If your list of cons is more important right now, then try to think of more pros to trying healthy things. As your list of pros becomes longer you will feel more motivated to change.				

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# **ACTION STAGE**

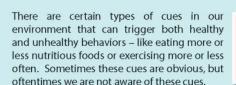
Process:

Stimulus Control: removes cues for unhealthy habits and adds prompts for healthier alternatives.

# **ACTION STAGE:** STIMULUS CONTROL

### Action

Cues for Healthy Behaviors, part 1



### CUE

her to begin acting.

Things in our environment can be something that was said, done or seen.



Our behaviors are usually triggered by cues in our

environment. Cues can be things that are said, done or seen that serve as a signal to behave in a certain

way or to perform an action. For example, when an actor hears the word "action," this is a cue for him or

> What we are prompted to do when the cues are

Below are cues for unhealthy behaviors that are frequently present. Select the ones that apply to you and choose from the list of options what you can do to remove those cues and add reminders to choose healthier alternatives.

#### CUES

#### **Plate Size**

Using a large plate can make a serving of food appear smaller than what it is. This may trigger you to eat more or to get seconds.



Use a smaller plate. This can make the same amount of food seem larger and trigger you to eat less.

**HEALTHY ALTERNATIVES** 

#### **Eating Out**

Oftentimes we feel like we need to get our "money's worth" when we eat out. Trying to get the best deal may trigger us to over eat. For example, if you are offered to 'super-size' your meal for just a quarter you might feel like you will lose out if you don't do it, but you end up eating more than you should.

- · Order and share two appetizers instead of ordering an appetizer AND an entrée.
- Take home left overs for a second meal, or ask the waitress if you can split a plate with someone.
- Order two sides of veggies with your meal, instead of starch foods - like fries.

### **Serving Size**

Foods that come in individual Packages, like a small bag of chips, seem like they are meant to be eaten all at once. Seeing a small package triggers us to eat the whole thing. Oftentimes, a healthy serving size is less than one package.



Read the food label. Here you will see the recommended serving size and the number of servings per container.



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# MAINTENANCE STAGE

# Process:

Helping Relationships: combine caring, trust, openness, and acceptance as well as support for the healthy behavior change.

# MAINTENANCE STAGE: HELPING RELATIONSHIPS

### Maintenance

### Helping Relationships

After having worked hard to accomplish a goal, like achieving good eating and exercise habits, one oftentimes wonders, how do I keep this up? An important part of maintaining healthy change is getting support from others. Helping relationships

can encourage and remind you to keep healthy habits and can give you support when you need it. It's kind of like having a buddy system!



### RESPECT

Does this person understand you? The key is that the person accepts you for you who are and appreciates your uniqueness like your sense of humor and your personality. Respect in a relationship means that each person values who the other is.



### SUPPORT

We all need help

sometimes. Someone is supportive when they are understanding and have faith in you. You can turn to this person when you doubt yourself and they will remind you that you can do it.



Trust is another way of saying that you can count on someone. When there is trust you are not worried about the person repeating to others what you say. You feel comfortable and can be yourself.



### COMMUNICATION

This person should be easy to talk to and it should be someone that 'gets' you.



### HONESTY

When someone is honest they don't hold back the truth

- even when it's tough to hear. Someone who is honest with you will let you know if you mess up, but they will also help you make things right.



You can have helping relationships with more than one person. A helpful person could be a parent, sibling, family

member, peer or other helpful adult like a teacher, counselor, or doctor. Consider talking to one or more of these individuals. Share with them your health goals and ask them to support you as you work to keep up the healthy changes you've made.







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# ACCESSING ELECTRONIC RESOURCES



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Web/Phone Applications

- -BMI Calculator
- -Behavior Change

Program

-Nutrition & Physical Activity Info

Social Media



Text Messaging Application

-Social-emotional

Messaging

-Physical Activity

Messaging

-Nutrition Messaging

# CONTACT



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