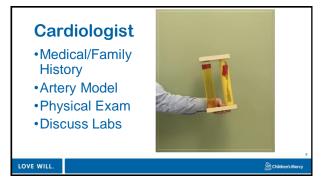


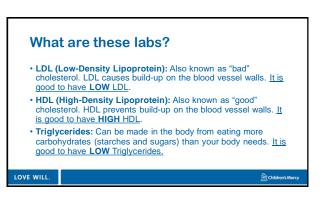
Referral Criteria Total Cholesterol > 220 and/or LDL >130 Triglycerides >200 Must have TWO sets of labs 3-6 months apart Family History - Parent or grandparent had a premature cardiac event (heart attack or stroke) before the age of 45









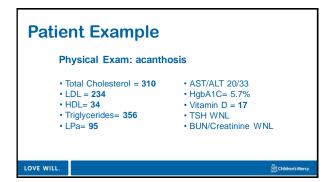


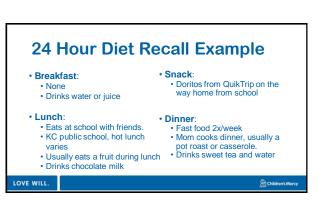
What are these labs? • Lipoprotein A: An inherited lipid that can cause early build up on the blood vessel walls and premature heart disease. • Hemoglobin A1c: A test that measures the average sugar present in blood from food digested over a 3 month period. • AST/ALT (Liver Enzymes): These can be elevated with obesity, and can lead to liver disease.

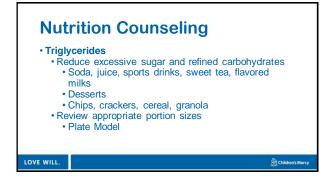
What are these labs? • Vitamin D: A vitamin that is needed for bone and teeth formation. A low Vitamin D is linked to heart disease and diabetes. You can get Vitamin D from some foods and sunlight. • TSH (Thyroid Stimulating Hormone): When this level is high, your body is producing too little thyroid hormone, which can lead to increased appetite and weight gain. ■ CAMMENT MATCH STATE OF THE PROPERTY OF THE

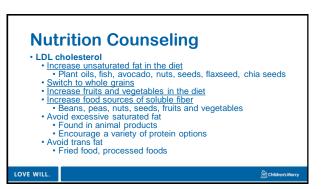
Once a year for patients 10 years of age or older Carotid Intima-Media Thickness (CIMT) & Pulse Wave Velocity (PWV) Left Ventricular Mass Index (LVMI) If BMI greater than or equal to 95% Hypertension Unclear family history

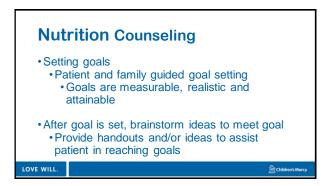
Patient Example 10 year old male patient presents to Preventive Clinic • Family History: • Father had an MI at 36 years of age requiring triple coronary artery bypass surgery. Father is currently on Atorvastatin 40mg. • Mother is a Type II DM and states her lipids were "a little high when checked a few years ago". Mother smokes half a pack of cigarettes per day. • Paternal grandfather passed away at age 47 from a cardiac related death

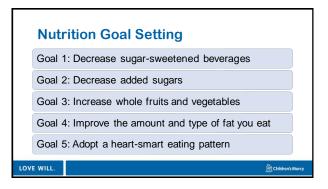






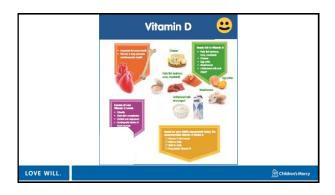






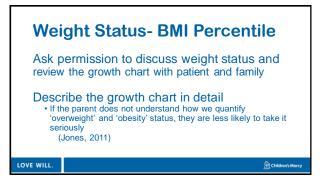


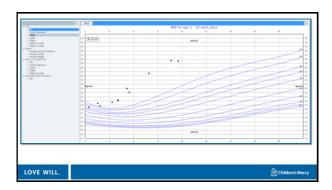


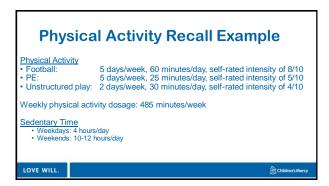






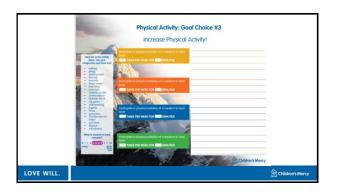


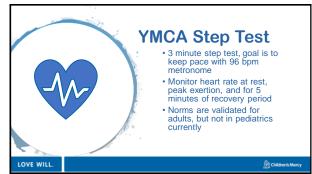




Physical Activity Counseling Association of Physical Activity with: • HDL Cholesterol • Triglycerides • Weight management in overweight and obese patients Physical Activity Recall • Type of activity • Days per week • Duration of activity • Perceived intensity











| Lab Tested | What's Normal? | Before (12/2020) | Today (05/2021) |
|---------------------|----------------|---------------------|--------------------|
| LDL | Below 110 | Not Reported | 234 |
| Triglycerides | Below 100 | 452 | 356 |
| HDL | Above 45 | 34 | 34 |
| AST/ALT | Below 50 | 22/31 | 20/33 |
| CK | Below 320 | 80 | 94 |
| Hemoglobin A1c | Below 5.5 | 5.8 | 5.7 |
| Vitamin D | Above 30 | 18 | 17 |
| TSH | Below 5.5 | 2.48 | |
| Lipoprotein A | Below 30 | | 95 |
| Body Weight (BMI) | Other Measur | ements Obese | Obese |
| Waist Circumference | Normal | High | High |
| Blood Pressure | Normal | High | Normal |
| Smoke Exposure | Absent | Present | Present |
| OVE WILL. | | | 🙈 Children's Me |



