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The following slides were presented during the *Nancy and Bill Norton Education Series* Event at the University of Michigan Food for Life Kitchen. To view this presentation and the all videos available during this program, please visit <u>http://bit.ly/NES2020MI</u>.





















Image from www.sucroseintolerance.com

Congenital Sucrase-isomaltase Deficiency:

Treatment/Nutrition Therapy:

- Diet +/- prescription enzyme with meals
- Enzyme: Sacrosidase will help with Sucrose tolerance/digestion.
- If not taking the enzyme will need to limit sucrose for couple weeks to assess symptom improvement then reintroduce to find specific tolerance
- Tolerating Starch
 - No enzyme for starch digestion. May need to limit.
 - It might be easier to tolerate potatoes, rice, and pasta that are rinsed (to remove some starch) and boiled or cooked well

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- Eating protein and/or fat with starch may improve tolerance
 - Examples: Eat natural peanut butter with a cracker,
- Chewing food well helps with the digestion of starch







Lactose Intolerance:	
The treatment:	
 Find specific tolerance level 	
 Can use alternatives (i.e. soy/almond/oat/cashew mill 	ks, yogurts, ice cream, etc.)
 Use of lactase-enzymes and lactase-enzyme treated p 	products (i.e. lactose-free milk)
 Probiotics and prebiotics may help 	
Leis. 2020 May 20;12(5):1487. doi: 10.3390/nu12051487.	Norton Education Series
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- The treatment/alternatives:
 - Limit fructose intake / find specific tolerance
 - Limit/avoid high fructose foods:
 - Fruit: apple, pear, Asian pear, watermelon, fig, mango, cherries
 - Vegetables: artichokes, sugar snap peas, asparagus
 - Sweeteners: HFCS, crystalline fructose, honey
 - Choose fruits/vegetables that don't have excess fructose
 - Example: Banana, cantaloupe, honeydew melon, clementines, oranges, grapes

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