

Rachel Karban, MPH

# Parent Perspective: Screening + for celiac disease autoantibody

# Disclosure

- No Conflicts of Interest

# Me

- Rachel Karban, MPH
- Started working for DAISY in 2001.
- Currently work at Barbara Davis Center for research studies and programs ASK, DAISY, TEDDY, CALS, Stop T1D

# My family

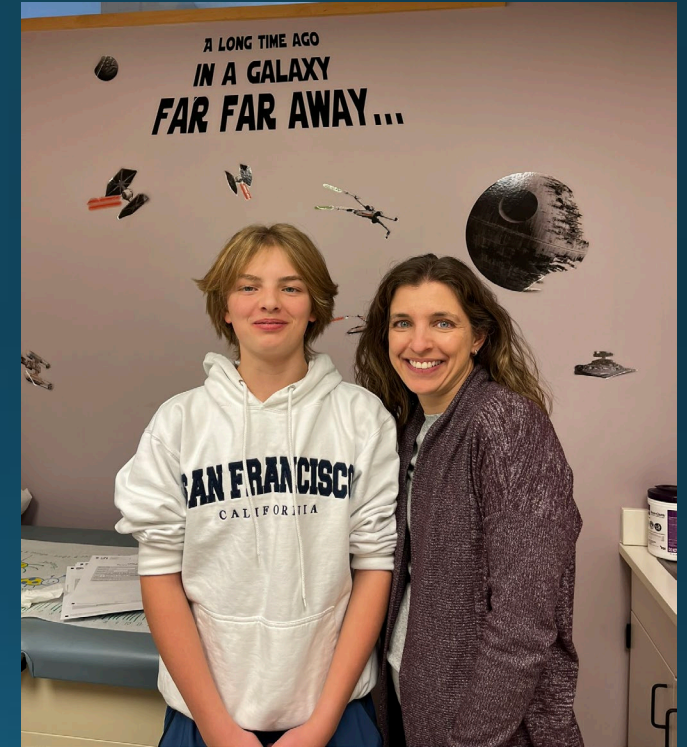


# Family History

- No family history of T<sub>1</sub>D or celiac disease
- Oldest son screened for TEDDY in 2008 - found to have the high-risk T<sub>1</sub>D genes and enrolled / followed by TEDDY for 15 years
- Positive TG at 3 years, some GI symptoms, confirmed positive with pediatrician who recommended biopsy



# TEDDY



- Negative biopsy at 3 years old
- TG positive again w/ TEDDY 3 months after the biopsy
- All later visits negative for TG
- TEDDY tested IA and TG every 6 months from 4- 15 years old

# ASK Screening

- ASK Screening at 2 years old – negative for both IA & TG
- ASK Screening again at 5 years – IA Negative but TG Positive



ASK Screening at 2 years



ASK Screening at 5 ½ years during winter break





# No symptoms

- At first he had no symptoms
- Did not change diet that spring – lots of gluten foods
- Confirmation in February increase in TG from 0.107 to 0.431
- In April - developed rash over whole body once
- Rash two other times localize to the back of both ears after big pasta meals

# Biospy

- Biopsy in Mid-May
- Found to have low iron with blood tests
- Before biopsy, no GI pain – after frequent stomachaches for a few weeks



# Going gluten free

- Challenges of GF diet
- Elusive GF donut search



Finally found Mochi  
Thai'm Donuts!

# Traveling gluten free

- Highs and lows of traveling



# School Lunch

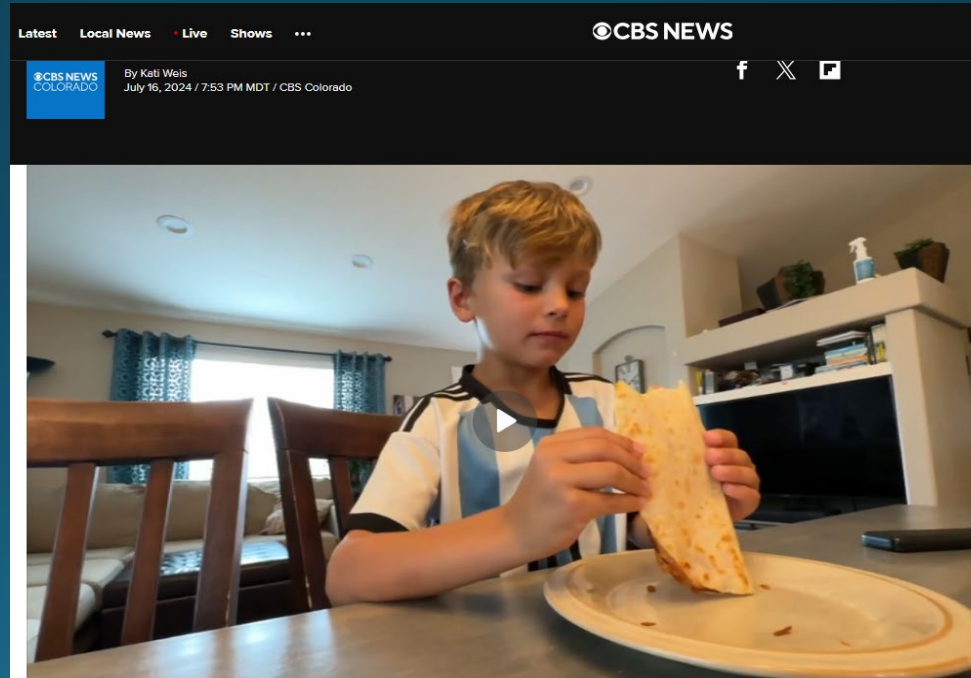
- 1<sup>st</sup> grade I prepared his lunch every day before school
- 2<sup>nd</sup> 3<sup>rd</sup> grade: Colorado school free lunch program starts
  - Free hot GF school lunches with district
  - Training to prevent cross contamination provided to his school cafeteria
  - His lunch is made in AM and he doesn't get in the hot lunch line

Gluten Free LEC T-AAMB, LCA, REMS, STEM P Lunch Menu Aug-Dec SY 24/25				
All students have access to the harvest bar for fruits and vegetables. All students can choose their own milk.				
Meals in Bold are on main menu. Meals with * are certified GF.				
Monday	Tuesday	Wednesday	Thursday	Friday
8/5	8/6	8/7	8/8	8/9
	GF Chicken Tenders* w/Fries	GF Cinnamon Sticks w/Sausage*	GF Italian Pizza Quesadilla*: Cheese or Pepperoni	GF BBQ Pulled Pork Sandwich w/Oven Roasted Potatoes*
8/12	8/13	8/14	8/15	8/16
GF Chicken Corn Dog* w/Fries	<b>BYO Beef Nachos</b>	GF Chicken Tenders and Rice*	GF Pizza Bunnini*: Cheese or Pepperoni	Meatballs and Marinara*
8/19	8/20	8/21	8/22	8/23
GF 3 Bean Chili* w/Corn Chips	GF Hamburger*, GF Cheeseburger* or GF Impossible Burger w/ Fries*	GF Cinnamon Sticks w/Sausage*	GF Italian Pizza Quesadilla*: Cheese or Pepperoni	GF Chicken Corn Dog* w/Fries
8/26	8/27	8/28	8/29	8/30
GF Garlic Cheese Dunkers w/Marinara Sauce*	GF Carnitas Corn Tortilla Tacos w/ Rice	GF Rotisserie Chicken & Cheese Sandwich*	GF Pizza Bunnini*: Cheese or Pepperoni	GF Chicken Teriyaki w/ Rice*

8/15  
Day 1

# ASK Screening Again

- Rescreened at age 7 for T1D
- Encourage friends to screen
- Story short local CBS video with Children's Celiac Clinic



# Thank you

