#### PARENT-ONLY INTERVENTION REDUCES SYMPTOMS AND DISABILITY IN ABDOMINAL PAIN PATIENTS

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# Acknowledge collaborators

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# First Randomized Controlled Trial to experimentally test efficacy of intervention for children with functional abdominal pain Two conditions: 1. SLCBT; Social Learning and Cognitive Behavior Therapy (working with child

 SLCBT: Social Learning and Cognitive Behavior Therapy (working with children and parents)

Goals: alter parental responses to pain, increase adaptive cognitions and coping strategies in parents and children related to symptoms

Content: Parental response, Relaxation, Cognitive Behavior Therapy

#### 2. ES: Education/Support

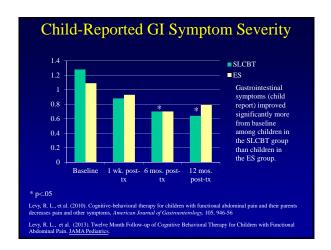
Goal: Control for therapist time and attention Content: GI system, food pyramid, food labeling

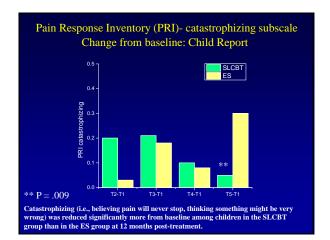
## Format of Conditions in Prior Study

Three Sessions 1 week apart

Each session approximately 45 min-1 hr

- Most of the time parent and child together
- Some of the time with child alone  $\sim 10$  mins
- Some of the time with parent alone  $\vee 10$  mins





A major Goal of Current Study: Test a Similar Intervention conducted through remote delivery/the telephone

Rationale for doing remote:

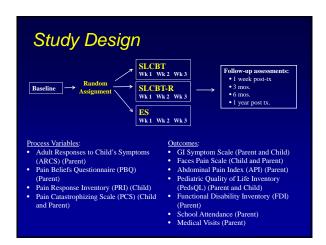
- ✓ more efficient and
- ✓ potentially reach more participants

Current Randomized Controlled Trial to experimentally test efficacy of intervention for children with functional abdominal pain

#### Three conditions:

- Remote Social Learning and Cognitive Behavior Therapy
   (SLCBT\_R/working with parents only).
   Goals: alter parental responses regarding child pain behaviors to decrease catastrophizing and solicitousness, and increase adaptive cognitions, coping and encouragement of well behaviors. Also alter modeling of responding to pain behaviors
- Remote Education/Support (ES-R/working with parents only)
   Goal: Control for therapist time and attention with content on the GI system, food pyramid, food safety and labeling)
- 3) In-person SLCBT (SLCBT/working with parents *only*)
  Goals: Same as SLCBT-R above, but delivered in person





# Preliminary Results: Participant numbers

Treatment group		Follow-up*		
		1 wk Post tx	3 mos Post tx	6 mos Post tx
SLCBT	105	84 (80%)	81	76
SLCBT-R	100	75 (75%)	68	66
ES-R	107	83 (78%)	75	76
All	312	242 (78%)	224 (71%)	218 (70%)

\*Note that follow-up is not completed and was similar among the three groups (p > 0.6)

aphics	ults: Baseline C	Child Child
	95% female	46% female
	40.3(7.2) 27-69	9.5(1.6) 7-12
nge nicity		
n-Hispanic	92%	91%
ce Caucasian	85%	79%
Iarital Status	79% married	
ducation < High school	4%	
High school graduate	5%	
Some college	43%	
College graduate Post-college education	25% 23%	
Number of days parent was disabled	Mean (SD) Range	
because of bowel symptoms in the past 3 months	SLCBT 0.40 (1.31) 0-10 SLCBT-R 1.10 (4.88) 0-46	
Child missed school days in past 3	ES 0.64 (2.44) 0-15	Mean (SD) Range
months due to abdominal pain	SL SL	Mean (SD) Range CBT 7.0 (14.4) 0-90 CBT-R 6.0 (12.2) 0-90
	E	S 7.4 (14.3) 0-90
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Outcome Measures	
Summary of Preliminary Results:	
Outcome Measures	
☐ Pain:  — Baseline pain levels were very low for all groups	
<ul> <li>For most follow-up time periods, pain reports by parents and children were not reduced significantly more in the intervention conditions than the comparison condition and all groups had</li> </ul>	
significant decreases in pain reports post-treatment	
☐ Other Outcomes:  — Parent reported outcomes of functional disability and quality of	
life were significantly improved more in one or both of the intervention conditions than the comparison conditions	
<ul> <li>Missed school days and health care utilization were significantly improved more in one or both of the intervention conditions than the comparison conditions</li> </ul>	
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Thank you for your attention!	
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