

Where discovery inspires care

The Science of Parenting and Parent-Based Treatment for Childhood Anxiety Disorders

Eli Lebowitz

Yale Medicine

Yale school of medicine



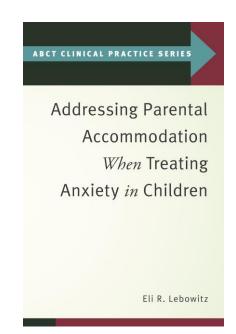
Disclosures

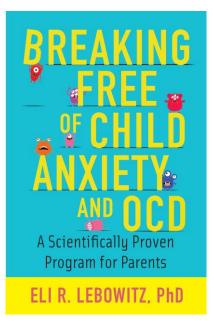
Neither I nor my spouse have, nor have had in the past 12 months, a financial relationship with manufacturers of products or providers of services or with any medically related commercial interests relevant to this planned educational activity

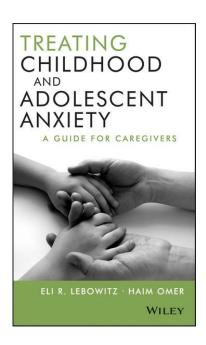
Funding sources:

Royalties (Wiley, Oxford, others)

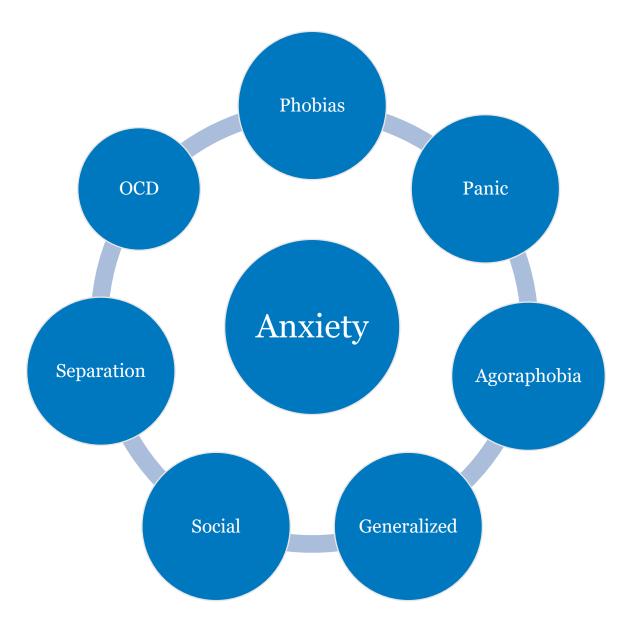
Grants: NIMH, NARSAD, NCATS



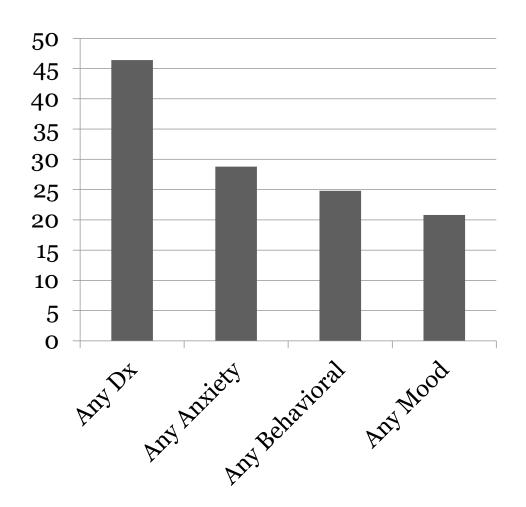












Lifetime Prevalence 28.8%

75% Onset before age 21

Median onset age



Well-Established Treatments for Childhood Anxiety Disorders







Current Treatments Efficacious in Approximately 50% of Cases





Does Involving Parents Benefit Outcomes?



Most studies have not found that parent involvement benefits child anxiety outcomes relative to CBT alone







Parents Are Attuned To Child Fear Cues







Family Accommodation



Participation

- Answer repeated questions
- Sleep near child
- Perform checks



Modification

- Return early from work
- Drive special routes
- Maintain rigid schedules



Family Accommodation

Present in ~95% of parents of anxious children (especially mothers)

Shimshoni et al., 2019; Benito et al., 2015; Storch et al, 2015

Associated with more severe anxiety symptoms

Norman et al, 2014; Lebowitz, et al., 2016

Associated with more severe impairment for child and family

Thompson-Hollands et al., 2014

Predicts poor treatment outcome

Kagan et al., 2016; Turner, et al., 2017

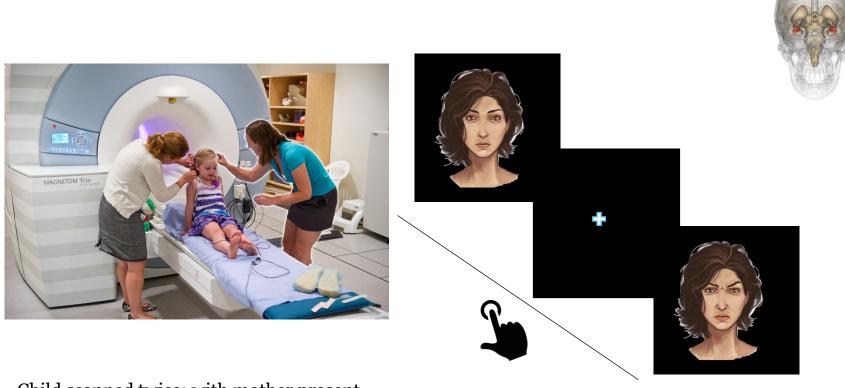
Leads to additional problems (e.g., sleep related problems)

Lebowitz & Shimshoni, 2019

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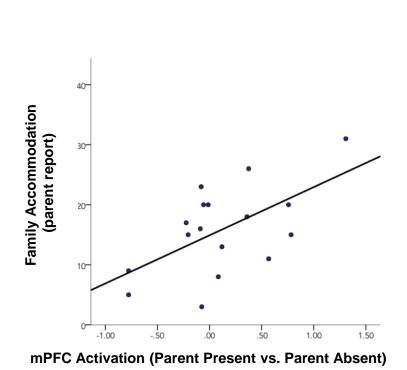




Child scanned twice: with mother present and when mother is absent



Family Accommodation and mPFC Activation in Clinically Anxious Children



x=5

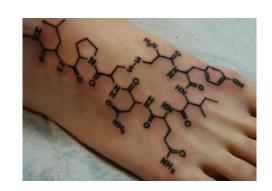
r=.584, p=.014

More activation in parent's

absence











The only Oxytocin Nasal Spray on Amazon that contains real Oxytocin

Other brands only contain ingredients they believe to accelerate Oxytocin but do not actually contain any Oxytocin

10 IU of Oxyotocin in each spray



Oxytocin



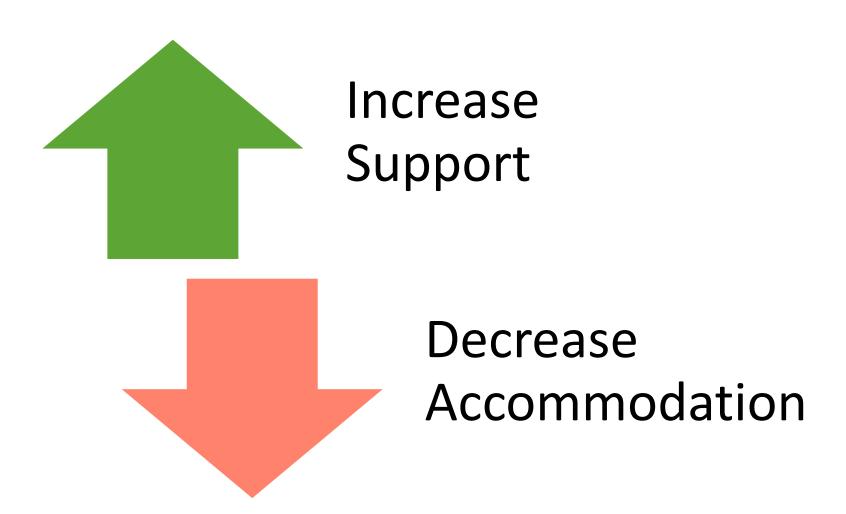
Lower Salivary Oxytocin in Youth With Separation Anxiety



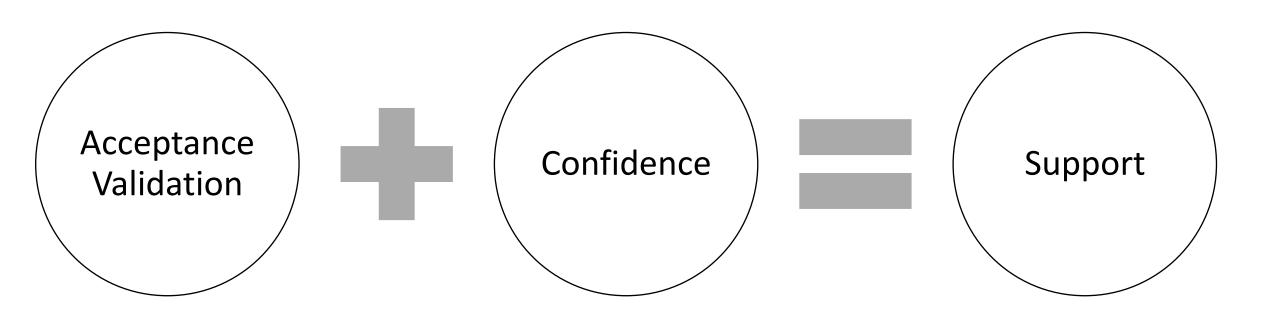
After Mother-Child Interaction



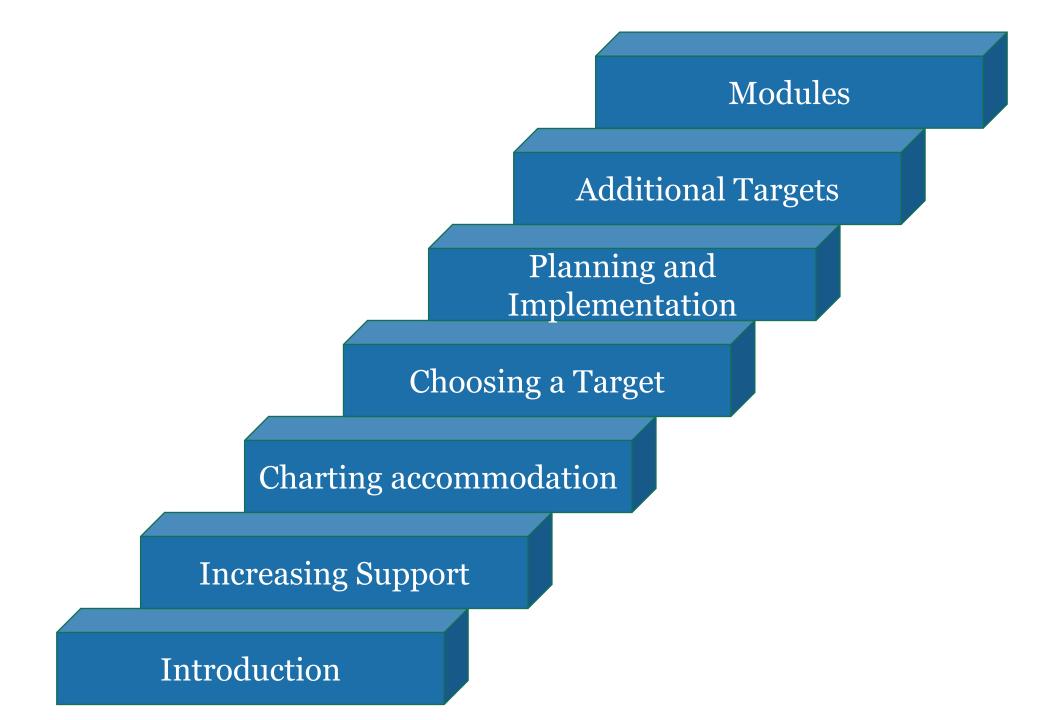
SPACE Supportive Parenting for Anxious Childhood Emotions



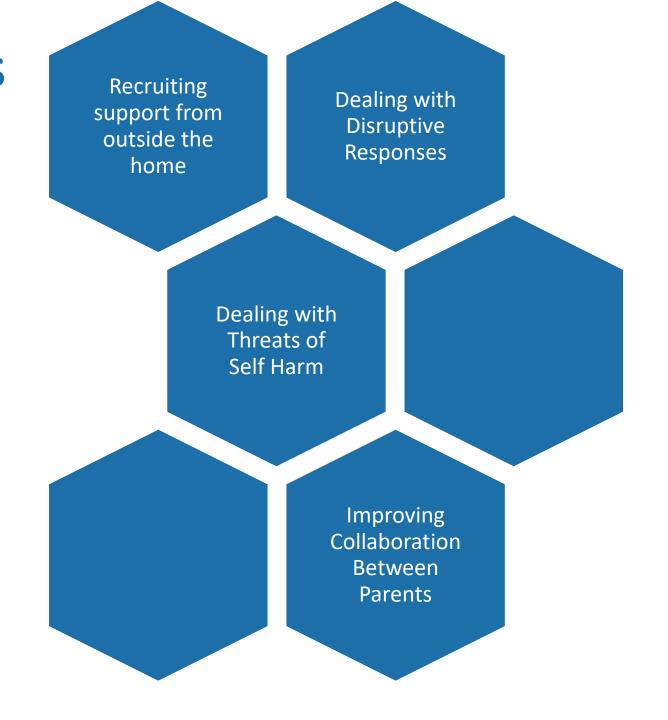
Support







Session Modules



Assessed for eligibility (n=259)

Excluded (n=135)
Not meeting inclusiong criteria (n=86)
Declined to participate (n=29)
Other reasons (n=20)

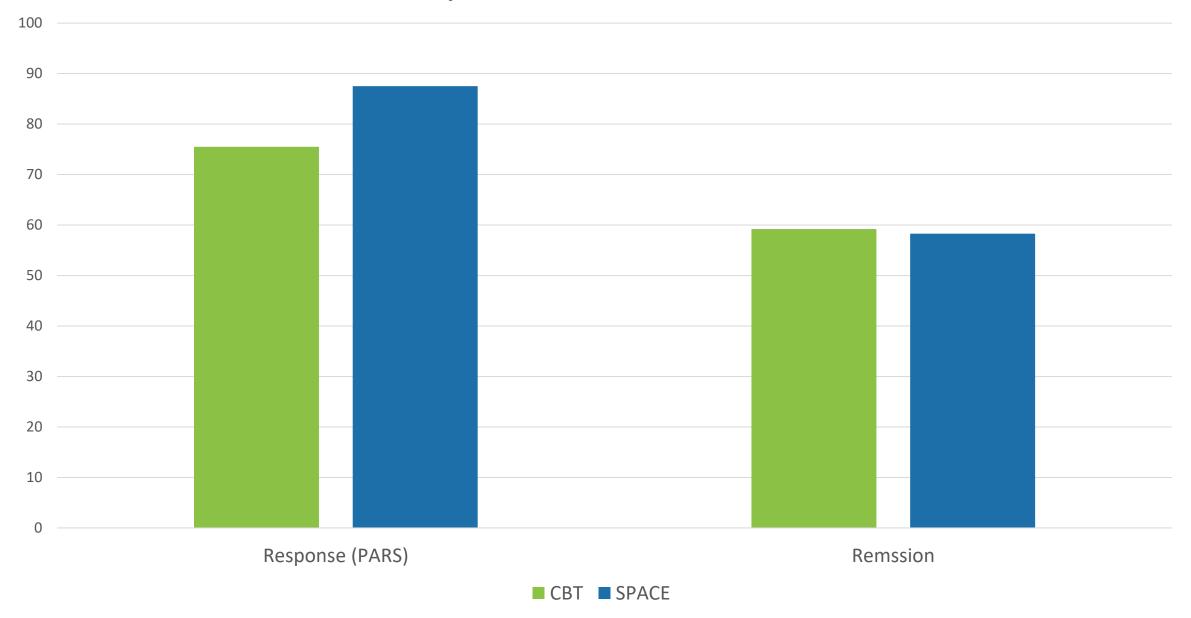
Randomized (n=124)

Allocation

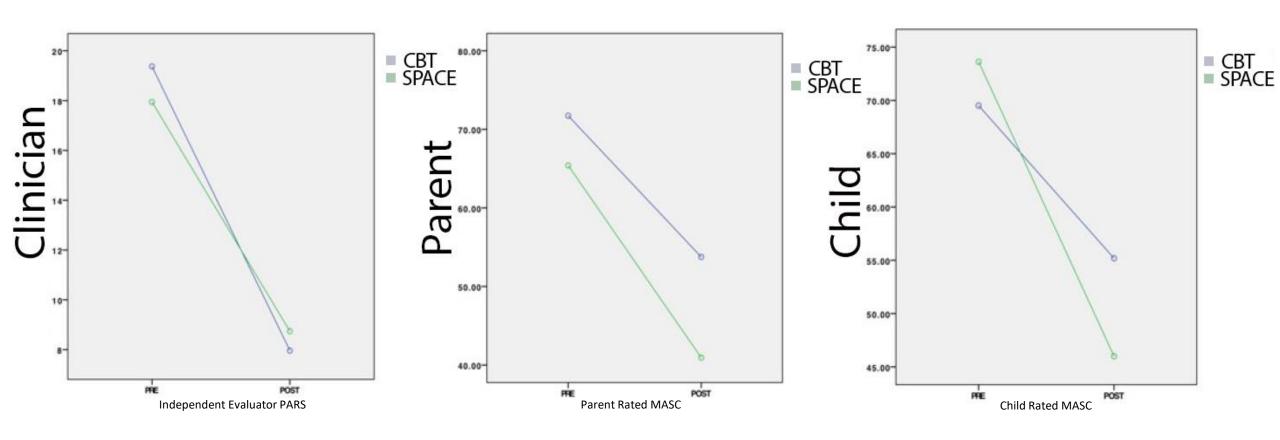
Allocated to CBT (n=60)

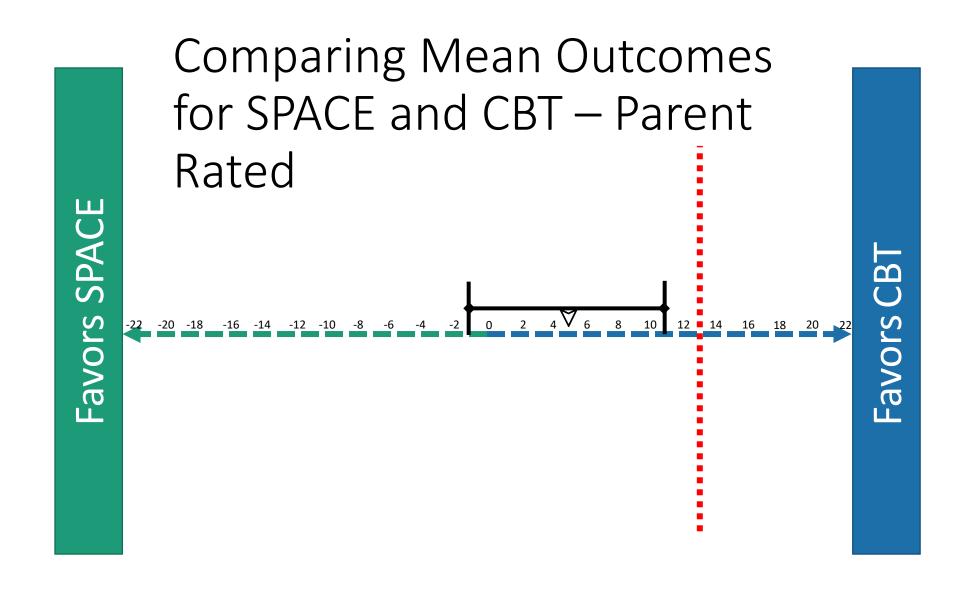
Allocated to SPACE (n-64)

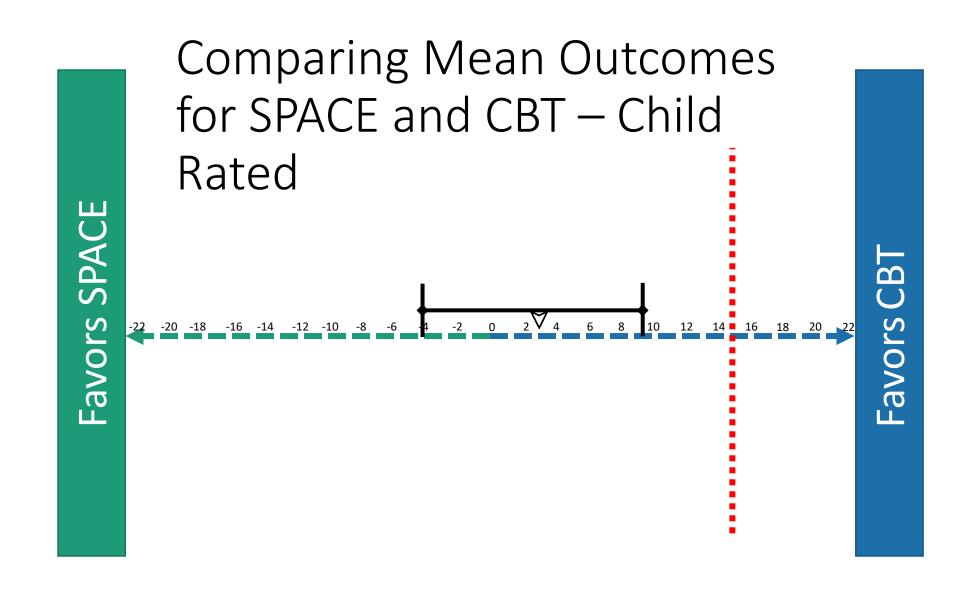
Response and Remission



Secondary Outcomes









Summary

- Children respond to anxiety by seeking protection and regulation from caregivers
- Caregivers respond to child anxiety through family accommodation
- Family accommodation maintains child anxiety over time
- Reducing family accommodation leads to improved child anxiety
- SPACE is an efficacious parent-based treatment for child anxiety
- SPACE increases supportive parental responses and reduces family accommodation



Future Directions and Next Steps

- Additional clinical trials of SPACE are required and underway
- Studying family accommodation in other childhood disorders (mood, behavior, eating, autism)
- SPACE-ARFID is an adaptation of SPACE for childhood ARFID / picky eating
- Applying principles of SPACE to highly dependent adult children ('Failure to Launch')
- Studying SPACE in children with autism and anxiety



Thank You

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Department of Psychology



Haim Omer Dylan Gee

Daniel Pine



Thankyou

To learn more about SPACE and training workshops visit:

www.spacetreatment.net





