MIGHTIER

Filling The Gap from Increased Care Demand



What is Mightier?



Game-based biofeedback

- Evidence-based
- Backed by multiple clinical trials at BCH/HMS
- Ongoing NIH grant

Immediate access and care

- Available to families within a week
- No wait times

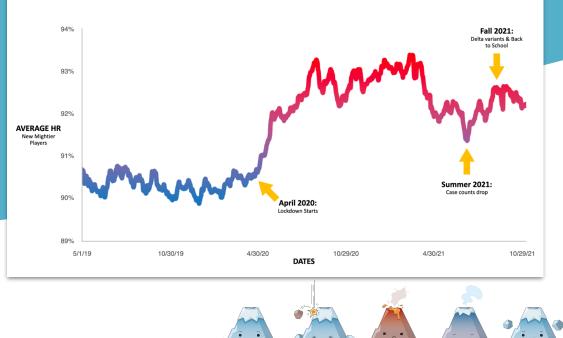
The unheard voice of children through the pandemic

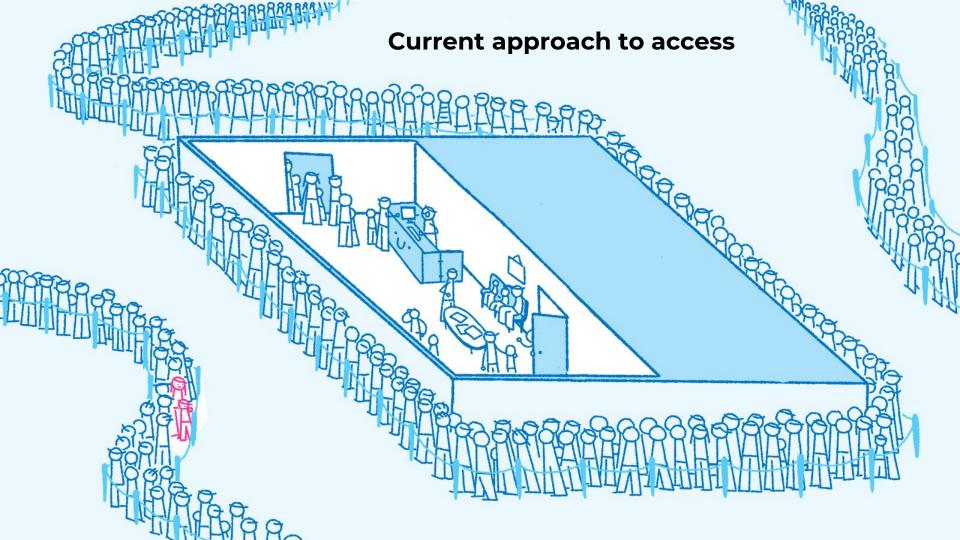
The COVID-19 pandemic has caused a significant increase in demand.

Kids bodies tell the hidden story.

The existing model cannot keep up.

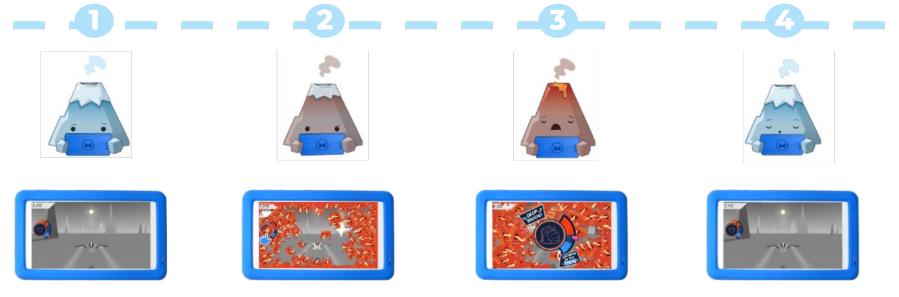
Children have struggled during the pandemic Children have increased heart rates in tandem with the increased stress of the pandemic





We need access here

How Mightier Works



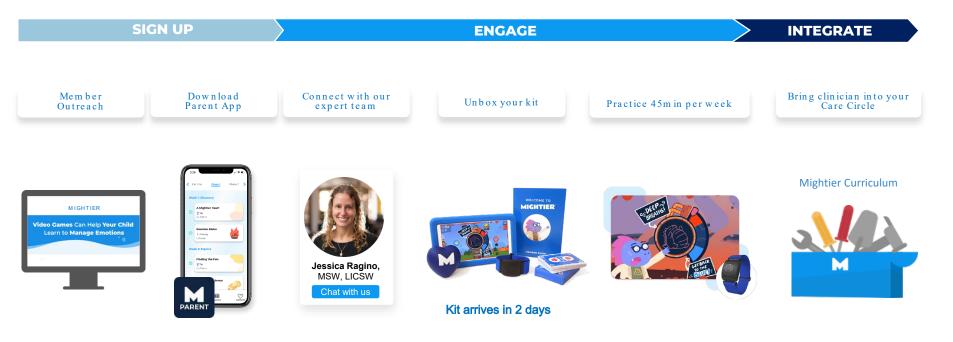
Kids wear the Mightier Monitor while playing games.

Stress increases during play and the game becomes more difficult.

Calming techniques help kids "cool down."

When kids "cool down" they become more powerful.

Bring behavioral health to a family anywhere in <48hrs

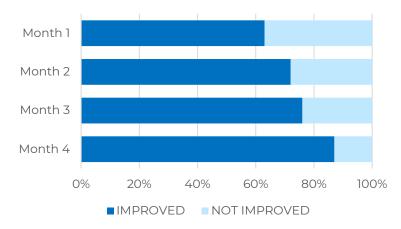


Mightier for children without a diagnosis

Support member + reduce future need with early access to care

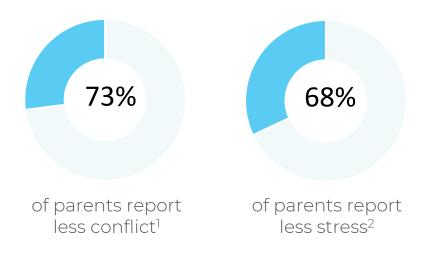
Improved child behavior starts right away

% parents who report kid behavior improved



Mightier internal data based on surveys of >15,000 families

Parents see results in first 3 months



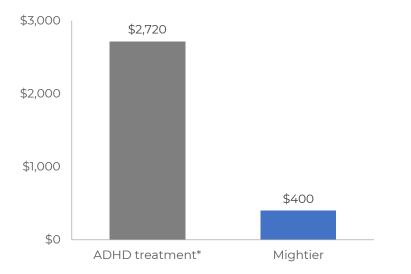
2. Boston Children's Hospital RCT

Mightier for kids with ADHD

Bridge to care and/or in conjunction with care to improve outcomes and lower total cost of care

Lower Annual Cost

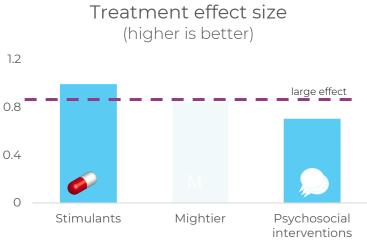
Standard Treatment vs Mightier



^{*}American Academy of Child and Adolescent Psychiatry, estimated the annual costs of caring for ADHD

Comparable Outcomes

Standard Treatment vs Mightier (3 months)



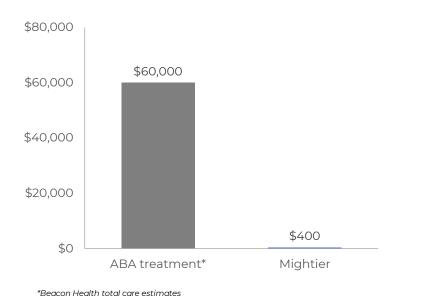
- Lambez, B., Harwood-Gross, A., Golumbic, E. Z., & Rassovsky, Y. (2020). Non-pharmacological interventions for cognitive difficulties in ADHD: A systematic review and meta-analysis. *Journal of psychiatric* research, 120, 40-55.
- Faraone S. V. (2009). Using Meta-analysis to Compare the Efficacy of Medications for Attention-Deficit/ Hyperactivity Disorder in Youths. P & T: a peer-reviewed journal for formulary management, 34(12), 678–694.

Mightier for kids with Autism

Better outcomes for minimal investment

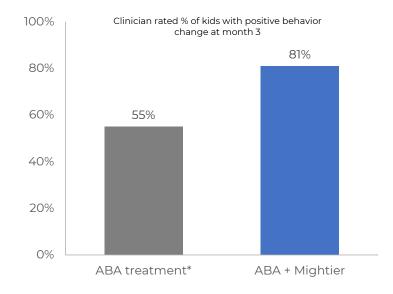


Standard Treatment vs Mightier



Faster Clinical Improvement

Standard Treatment + Mightier



*Results from 3 month controlled study conducted with Magellan health (n=74)

\$2.1M NIH Grant to validate clinical improvement and lower total cost of care



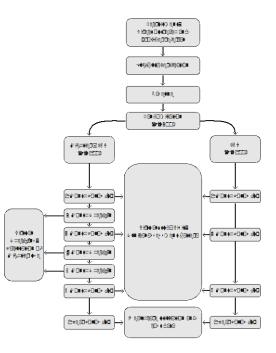
MIGHTIER

Aim 1: Validate the commercial value of Mightier in a health care channel.

- a) At 24-month follow-up, children who are randomized to the *Mightier* + TAU group will have less healthcare utilization and lower healthcare utilization costs than children who engage in TAU.
- b) At 24-month follow-up, families of children who are randomized to the *Mightier* + TAU group will have less healthcare utilization and lower healthcare utilization costs than families of children who engage in TAU.

Aim 2: Measure the clinical impact of *Mightier* on presenting symptoms, irritability, dysregulation, and family stress.

- a) At 6 month follow up, children and families who are randomized to *Mightier+* TAU will report significantly greater reduction in presenting symptoms, emotional dysregulation, irritability, and family stress as compared to children who receive TAU.
- b) Within children in the *Mightier* + TAU group, changes in emotional dysregulation and irritability will be correlated with a physiological measure of heart rate in responders on the *Mightier* platform.
- c) Within children in the *Mightier* + TAU group, there will be a significant relationship between total time playing *Mightier* and change in physiological signals, emotional dysregulation, irritability, and family stress.
- d) Within the *Mightier* + TAU group, change in emotional dysregulation will mediate the relationship between total time playing *Mightier*, child healthcare utilization, and family healthcare utilization.



We want to work with you!

- 1. Add evidence-based care options for your patients
- 2. Help define how digital care can drive access and lower costs