Emotional Regulation Intervention for Neurodivergent Adolescents: A Group-Based Approach

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Background

Neurodivergent adolescents often face challenges with emotional regulation, which can impact daily participation, peer relationships, and overall well-being.⁶

Neurodiversity-affirming practices emphasize strengths, autonomy, trauma-informed care, and respect for identity.²

Although many existing interventions are not aligned with neurodiversity-affirming practices,⁴ there is growing recognition of the need for supports that reflect these values and are responsive to the lived experiences of neurodivergent youth.¹

Interoception is the sense that helps us recognize and respond to what is going on inside our bodies, such as hunger or pain. This is a key component for emotional regulation.

Purpose

Create a 12-week intervention for neurodivergent 10-14-year-olds grounded in neurodiversity affirming care that supports emotional regulation. The intervention should be engaging, collaborative, and adaptable to adolescent strengths and needs.

Methods

Needs Assessment Caregiver Curriculum Literature Review Review Survey **Emotional** Adolescent Commonly regulation needs emotional used of neurodivergent regulation interventions adolescents abilities, Alignment with challenges, Effectiveness neurodiversityaffirming areas groupof need approaches based programs

Group Intervention Development

Caregiver input: What specific areas or skills would you like a therapy group to focus on?

"Noticing body sensations, then pausing to choose a healthy response" "Improving peer interaction, and learning ways to calm down"

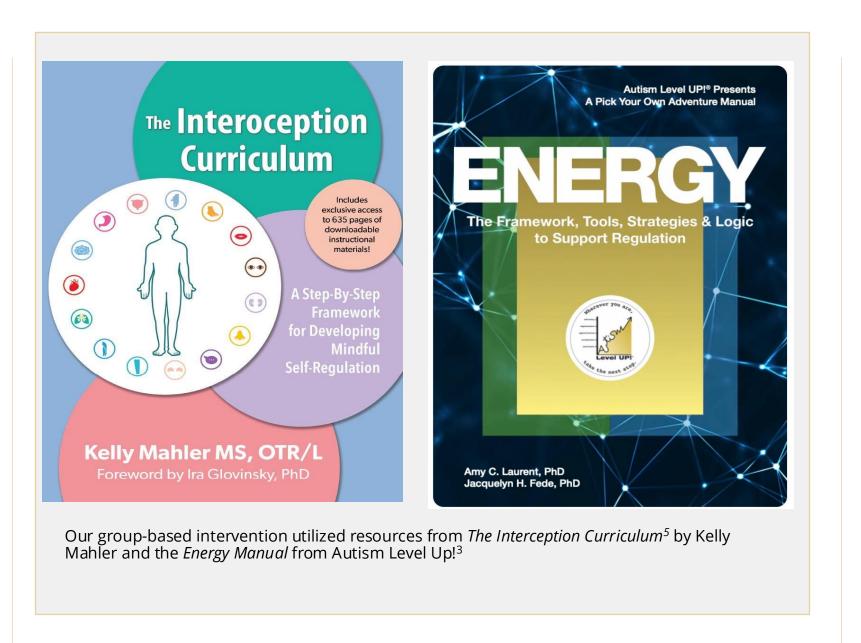
Curricula

The Interoception Curriculum⁵

Helps individuals build awareness and understanding of their internal body signals to support emotional regulation and daily functioning.

ENERGY³ from Autism Level Up!

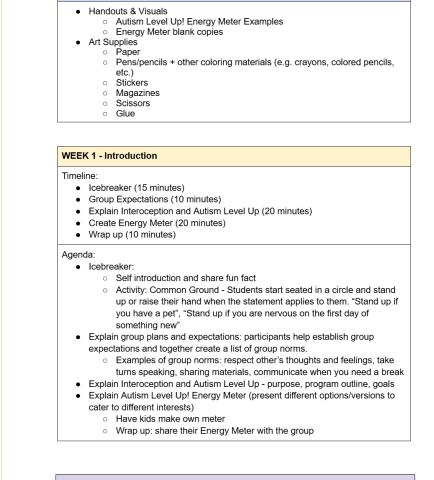
Provides individualized tools and strategies for emotional regulation using the concept of energy levels and energy needed for a task.



Results

12-week group intervention focused on supporting emotional regulation

Group-Based Intervention Sample – Week 1



Intro to Interoception page on Kelly Mahler's website
 https://www.kelly-mahler.com/what-is-interoception/

- https://www.kelly-mahler.com/what-is-interoception/

 Video "what is interoception" https://www.kelly-mahler.com/resources/videos/how-i-feel-episode-1-what-is-eroception/
- Autism Level Up! Energy Meter https://www.autismlevelup.com/#tools

Intervention was shared with therapy team at TSFC.

Weekly plan includes:
-Materials list

- -Activities
- -Parent Resources

"We appreciate the clear structure and thoughtful organization. We can't wait to implement it!"- TSFC Therapists

Discussion

First-hand reports and research demonstrate a need and preference for learning emotional regulation skills while following the pillars for neurodiversity affirming care.

However, there is limited research supporting the effectiveness of several interventions and many research papers only include Autistic individuals. Further research is needed to support emotional regulation curriculums that include more neurodivergent communities.

Conclusion

The group format offers a supportive social environment where adolescents can build self-awareness and peer connections.

Next steps: TSFC plans to implement the group in the near future. OTs will establish intake process and outcome measurements.

References

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