

PRACTICAL ASPECTS OF TECHNOLOGY INTEGRATED HYBRID THERAPY

Chinnu Thomas | Speech Language Pathologist, MSc SLP | XceptionalLEARNING, Kochi, Kerala, India | USA

Introduction

The contemporary landscape has witnessed a significant shift in children's interests, with a growing inclination towards digital media. Their rapid development in digital skills is commendable; however, it is essential to approach screen time with caution to mitigate potential negative impacts and provides our children with healthy screen time. For children with disabilities, hybrid therapy integrating in-person and digital modalities offers a promising avenue for effective learning.

Need for the Study

- Digital media plays a significant role in children's daily lives.
- It has a strong influence on children's early learning environment.
- In rehabilitation settings, technology is advancing rapidly.
- There is a growing need to use digital tools in therapy sessions.
- However, there is only limited evidence that documented the practical aspects of using digital activity book.
- The study is essential to identify the benefits and challenges of digital activity book integration.

Aim & Objectives

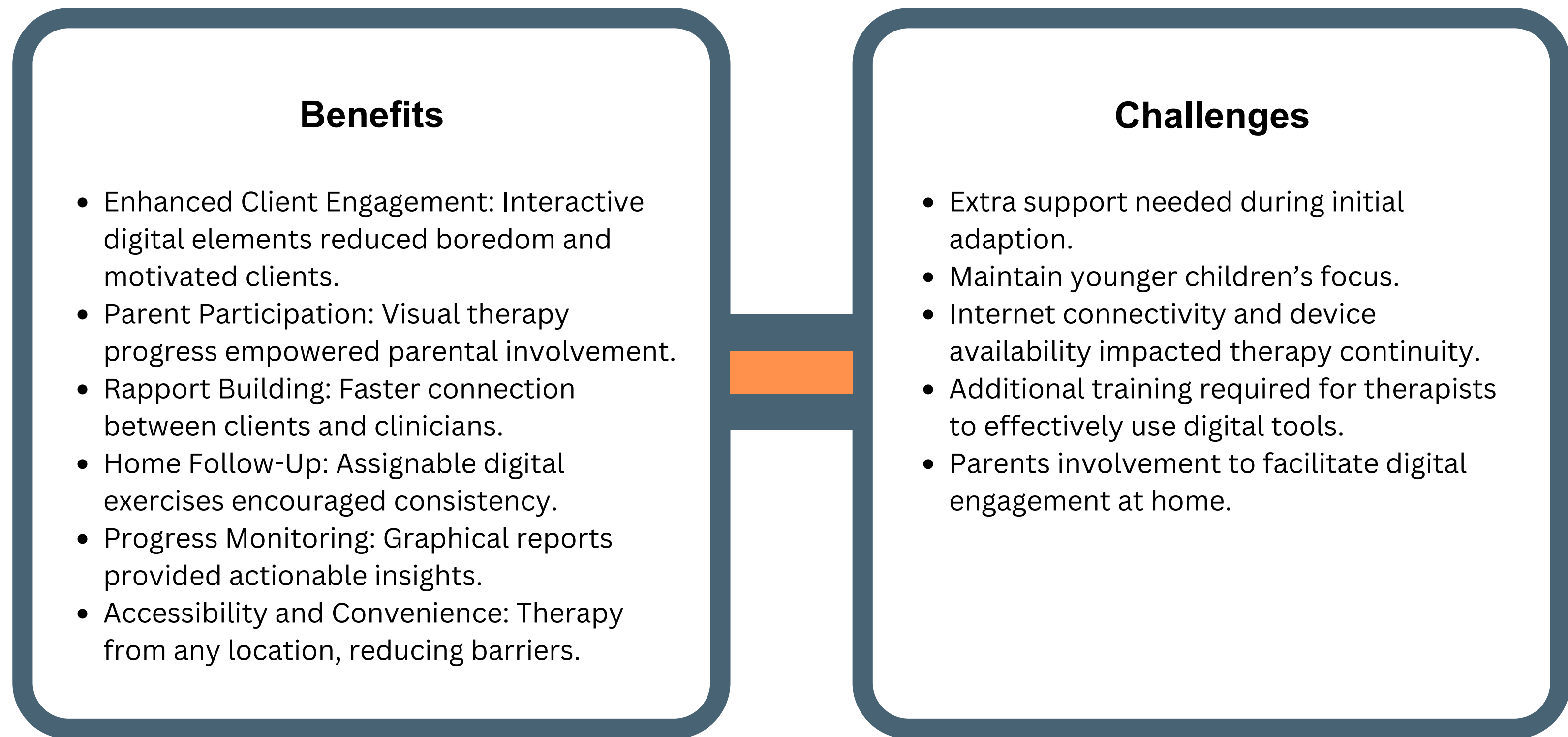


Method

- **Study Duration & Approach:** Three-month study on hybrid therapy using a digital activity book.
- **Participants:** 35 clients included, regardless of attendance frequency.
- **Data Collection:** Parent interviews and therapist observations.
- **Parent Feedback:** Benefits, challenges, and satisfaction with the hybrid approach.
- **Therapist Observations:** Engagement, motivation, learning progress, and well-being.
- **Analysis Focus:** Engagement, learning outcomes, parental satisfaction, and therapist perspectives.
- **Findings:** Insights into effectiveness, feasibility, and areas for improvement in hybrid speech therapy.

Results and Discussion

The findings from this study revelas that:



Summary and conclusion

- Initially, there was resistance to hybrid therapy due to concerns about screen time.
- Training and peer experiences helped overcome this apprehension.
- Integrating digital platforms and activity books with conventional therapy proved effective.
- The hybrid approach enabled faster learning and easier use of therapy materials.
- Documentation and evaluation became more efficient and organized.
- Visual representations helped therapists communicate better with parents.
- This improved communication boosted parental involvement in follow-up care.

Reference

Barr, R. (2008). Attention and learning from media during infancy and early childhood. In Calvert & Wilson (Eds.), *The Handbook of Children, Media, and Development* (pp. 141–165). Wiley-Blackwell.

Batorowicz, B., Missiuna, C. A., & Pollock, N. A. (2012). Technology supporting written productivity in children with learning disabilities: A critical review. *Canadian Journal of Occupational Therapy*, 79(4), 211–224.

Cain, N., & Gradisar, M. (2010). Electronic media use and sleep in school-aged children and adolescents: A review. *Sleep Med*, 11(8), 735-742.

Acknowledgments

The authors thank the XceptionalLEARNING team for providing the materials and for their support and cooperation in implementing this study. We also acknowledge the parents for their active participation and feedback.