

Rx for Success: A Randomized Controlled Trial of Technology–Based Dialogic Reading Training Incorporated Into Reach Out and Read

The research group includes John S. Hutton MD, Thomas DeWitt MD, Catherine Wiley MD, Nikki Shearman PhD, Tom Lottman, Manny Jimenez MD

What is the objective of this study? This ongoing study, due for completion in July 2019, is designed to **determine if additional messaging about sharing books from a specifically designed app, Rx for Success, recommended at the ROR clinic increases the impact of ROR on home literacy activities and children's development.**

Why is this important? If successful, recommendation of use of the Rx for Success app at ROR clinics offers a **way of delivering additional messaging about sharing books at a population level** that can improve our impact on the families and children that we serve.

Details of the study. This randomized controlled trial at Connecticut Children's Hospital has enrolled 248 families and children, 124 into each of two groups – one receiving the standard ROR intervention and one receiving "ROR plus", the standard ROR intervention along with a recommendation from the clinic to download and use the Rx for Success app. The control and test group were further divided into 2 groups of children aged 6 months and 12 months. A series of assessments was administered upon enrollment to determine parent/caregiver attitudes to shared reading and use of screens, home literacy activities, and children's level of early literacy and social–emotional development. Follow–up assessments 6 months after enrollment are now underway.

Next steps: Depending on the results of the study, implementation studies on the success of a wider rollout of the app will be conducted.