

Dr. Peii Chen on improving inpatient rehabilitation
outcomes for spatial neglect after stroke - Episode 23

*** Recorded on May17, 2021. *** [Listen to it here.](#)

- JOAN BANKS-SMITH: 00:08 [music] I'm Joan Banks-Smith for Kessler Foundation's Fast Takes, research that changes lives. In this episode, I spoke with Dr. Peii Chen, senior research scientist in our Center for Stroke Rehabilitation Research, about her peer-reviewed article Prism Adaptation Treatment Improves Inpatient Rehabilitation Outcomes in Individuals With Spatial Neglect, a retrospective matched control study, which was e-published on April 6th, 2021 in the journal Archives of Rehabilitation Research and Clinical Translation. The funding source was Kessler Foundation. Dr. Chen, can you share with us the main takeaways of this publication?
- PEII CHEN: 00:50 This is a study we look at clinical information or clinical data from 14 different rehabilitation hospitals that have used Prism adaptation treatment in their clinical practice treating patients with spatial neglect. So it's not a prospective clinical trial but rather we look at clinical data directly from the real life situations in hospitals. So we used a match control study design to see if in this real life situation, does Prism adaptation actually improves inpatient rehabilitation outcome. And the short answer is yes. So it's very promising, positive results that we saw from this real life clinical data.
- BANKS-SMITH: 01:42 What is the impact and next implications of this publication to the field?
- CHEN: 01:46 The impact is to encourage clinicians to use this research informed practice, this treatment in their practice because a lot of clinicians, they may hesitate to implement treatment methods from research because they didn't know whether it is feasible, it is effective in clinical setting. And this study showed that, yes, Prism adaptation treatment will improve rehabilitation outcome overall. So it is an encouraging thing and positive result for them to support their use and also a way to communicate with their peers or their leadership to provide the treatment, equipment and training for them to use this treatment.
- BANKS-SMITH: 02:42 [music] To learn more about Dr. Chen and her peer-reviewed article links are in the program notes. Tuned into our podcast series lately? Join our listeners in 90 countries who enjoy learning about the work of Kessler Foundation. Be sure and subscribe to our SoundCloud channel Kessler Foundation for more research updates. Follow us on Facebook, Twitter and Instagram, listen to us on Apple Podcast, Spotify, SoundCloud, or wherever you get your podcasts. This podcast was recorded on May 17th, 2021 remotely and was edited and produced by Joan Banks-Smith, creative producer for Kessler Foundation. [music]