Digital Therapeutics

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Bettina Ryll, MD/ PhD ISPOR 2019



My advocacy experience

- Patients use what works for them.
- Digital is shifting power balances.
- Disruption doesn't ask for permission.



MPNE experience- mapping moles

different apps with different objectives



DIYPS.org

#WeAreNotWaiting to make the world a better place

Home About #DIYPS Top posts Books

Dana Lewis

Dana Lewis is a creator of the "Do-It-Yourself Pancreas System" (#DIYPS), founder of the open source artificial pancreas system movement (#OpenAPS), and a passionate advocate of patientcentered, -driven, and -designed research.

Dana first created #DIYPS in December 2013 as a solution to make her own continuous glucose monitor (CGM) alarms louder. She iterated on this tool with Scott Leibrand, leading them to develop a simple (but effective) predictive algorithm that forecasts hours into the future and creates personalized recommendations for any necessary actions. Dana actively shared online about #DIYPS and engaging others from the #WeAreNotWaiting community in

2013

ober 16. 2019

Artificial pancreas system better controls blood glucose levels than current technology

NIH-funded study of people with type 1 diabetes shows safety, efficacy benefits of new system.

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A multicenter randomized concar that evaluating a new atmicial particle system — which automatically monitors and regulates blood glucose le — has found that the new system was more effective than existing treatments at controlling blood glucose levels in people with type 1 disbets: The trial was primarily funded by the National Existence of Diabetes and Digestive and Kidney Diseases (NIDDR), part of the Nation

The study showed that the system improved participants' blood glucose control throughout the day and overnight. The latter is a common but serious challenge for children and adults with type 1 diabetes, since blood glucose can drop to changeroutly bue levels when a person is asleep. The research is published in the *New England Journal of Medicines*.

2019



would be nice!

Institute/Center

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