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In partnership with the University of California, Santa Barbara, the Center has been on the forefront of artificial pancreas technology. We are just beginning a new phase of research with home trials, which will do away with much of the hassle associated with type 1 diabetes, helping individuals and their families keep glucose levels under control and reduce the risk of hypoglycemia.

Under the leadership of Dr. Jordan Pinsker, we are currently running a series of related studies that evaluate fully automated insulin delivery systems in people with type 1 diabetes. This advancement allows patients to leverage the convenience of smartphone technology to coordinate information from a continuous glucose sensor and an insulin pump.

It's an exciting time for the Center and the future of diabetes, but we are counting on your support to continue our momentum in improving the lives of patients.

As holiday festivities begin and you enjoy your favorite dishes, take a moment to think about what food symbolizes to a person with diabetes:

Calculate the amount of carbohydrate and sugars and consider what impact they may have on glucose levels. Predict the quantity and kind of food and drink you will consume throughout the day - and the day after. Factor in exercise that may or may not occur. Check how much insulin is still on board from the previous injection. Then, assess the injection point and depth of injection as you insert an insulin needle. Cross your fingers that you have made the correct calculations so you can enjoy your holiday feast with your family as others do.

This holiday season, help us improve the lives of those with diabetes by making a contribution to empower individuals to better manage or prevent diabetes.

Your support will help advance new technologies that free children, young people and adults with type 1 diabetes of the time consuming and painstaking management of their disease every single day of their lives.

Wishing you and your family happiness and health these holidays.

With warmest regards and gratitude,

A handwritten signature in cursive script that reads "David Kerr".

Dr. David Kerr MD FRCPE
Director of Research and Innovation