KNOW:





## Know, Do, & Act

Diabetic Ketoacidosis (DKA) — Healthy Approaches for Healthy Living

## **TYPE 1 DIABETES AND THE BODY-ENERGY CONNECTION TO DKA**

When you eat carbohydrates, they are converted to blood glucose (blood sugar). Insulin moves glucose out of the blood and into cells where it is used for energy. People living with type 1 diabetes do not make insulin or do not make enough for what their body needs, causing blood glucose levels to stay high and preventing carbs from turning into energy to fuel your body.

If your body cannot get energy from glucose, it will get it by breaking down its own fat. This might sound like a good thing, however, the energy this creates is in the form of ketones (fatty acids). A small amount of ketones are released through urine (pee), but most will remain in the blood stream. This is called **diabetic ketoacidosis (DKA)**. DKA is harmful to people living with diabetes because it can:

- Cause dehydration
- Make blood more acidic, which could lead to brain swelling
- Cause the body to go into a coma
- Even cause death





Learn more at professional.diabetes.org | 1-800-DIABETES (800-342-2383)

Supported in part by Type 1 Diabetes DKA Awareness & Glycemic Management initiative of the American Diabetes Association® (ADA)



## DO:

## LIVE WELL

While the thought of having DKA may worry you, there is good news! You can do a lot to prevent DKA from happening by being aware of what to watch for along with changing certain habits and behaviors.



It is important to have your own DKA emergency plan in place to act right away. If you feel you may be in DKA, call your doctor or go to the nearest urgent care clinic or emergency department.



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