

Diabetes

Our body uses a special sugar, called "glucose" as a fuel to power all the cells of our bodies. And, remember, too, that the cells use a special chemical called "insulin" to control just how much glucose there is and how well the cells can use it.

The cells have these little doorways in them that the glucose must use to get into the cell. But, glucose can't get in without a special key - and that key is insulin.

If there aren't enough of the keys - enough insulin - as in Type 1 Diabetes, then glucose can't get into the cells and it builds up too much in the blood and causes damage.

But, in Type 2 Diabetes, the problem is in the cells. There is enough insulin, but there aren't enough doorways.

So, either way, the glucose builds up too much in the blood and causes lots of problems?

Exactly.