

## PREVIEW\_ Angela Poff - Can You Beat Cancer With A Diet\_

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**Dr. Poff:** Basically the whole idea behind it is trying to target the kind of the abnormal way that cancers take in energy and then use that energy to promote the tumors growth.

So what we see is that cancers, they will take in large amounts of glucose and they will use that glucose at very high rates and instead of metabolizing it normally, like our healthy cells do, where they utilize it all the way through the metabolic pathways into the mitochondria, we kind of see in most cancers a shunting of that, so that they are more relying on this glucose metabolism and less relying on their mitochondria.

And because of this they have a really high glucose kind of need and requirement. It's actually the basis of like a diagnostic tool.

**Dr. Eenfeldt:** So they burn a lot of sugar, a lot of glucose.

**Dr. Poff:** Exactly, they burn a lot of sugar.

**Dr. Eenfeldt:** Hungry cells sort of.

**Dr. Poff:** Yes.