

What if your body came with its own how-to book that your doctor could read?

Well it does! Your DNA is kind of like a how-to book for your body.

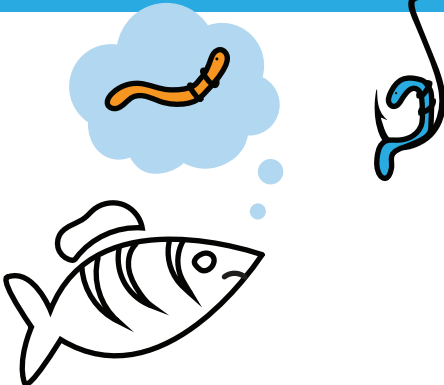
Doctors from INGenious are doing a study to see if reading parts of your DNA will help your doctor pick medicines that fit you better. Someone may talk to you about this study today.

Some medicines work differently for each of us. Picking one without knowing how your body will use it is kind of like:

Buying a shirt without trying it on first: it might not always fit right.



Fishing without knowing what bait to use: you have to try bait after bait until one works.



Your DNA could help your doctor pick because it tells your unique story of how different medicines fit you. Scientists call this Pharmacogenetics.

but

We won't know if having doctors use Pharmacogenetics will really mean less problems with medicine until we try it out. That's why we're doing this study!

How does the study work?



You get a little bit of blood drawn.



Some of this blood goes to the Indiana Biobank.

The rest goes to a lab and your DNA is read.



Just like how your DNA controls the color of your eyes, it also controls how your body works with medicines.



The lab looks for clues in your DNA that show how your body works with medicines.



The clues from your DNA are added to your electronic medical record.



Your doctor can look at the clues in your electronic medical record to help pick what medicine is best to give you.



Okay, so what might I get out of this?

Your doctor will be able to see some parts of your DNA and **hopefully** choose better medicines or doses for you.

The first time.

Without nasty side affects.

Why just hopefully?

Researchers believe that if your doctor could see parts of your DNA, it would be easier to choose the medicine or dose that will work best for you. Dr. Flockhart and Dr. Dexter are doing a study to test this idea. If you choose to be part of the study, you will be helping them prove that this idea is correct.

More questions about the study?

Call (317) 274-2810.

What's the Biobank?

The Indiana Biobank is like a big lock box full of folders where each folder holds a different person's DNA and health story. Researchers can ask the Biobank to send information from these folders to help with learning about how to help people stay healthy. There are never any names shared. If you agree to give your information to the Biobank, they will keep it until you call and tell them you don't want them to anymore.

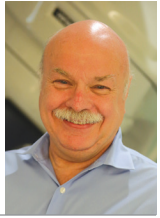
More questions about the Biobank?

Call (317) 274-5688.

Indiana University

INGenious Leadership Team

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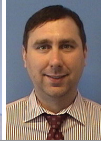
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These are the researchers leading this study.



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