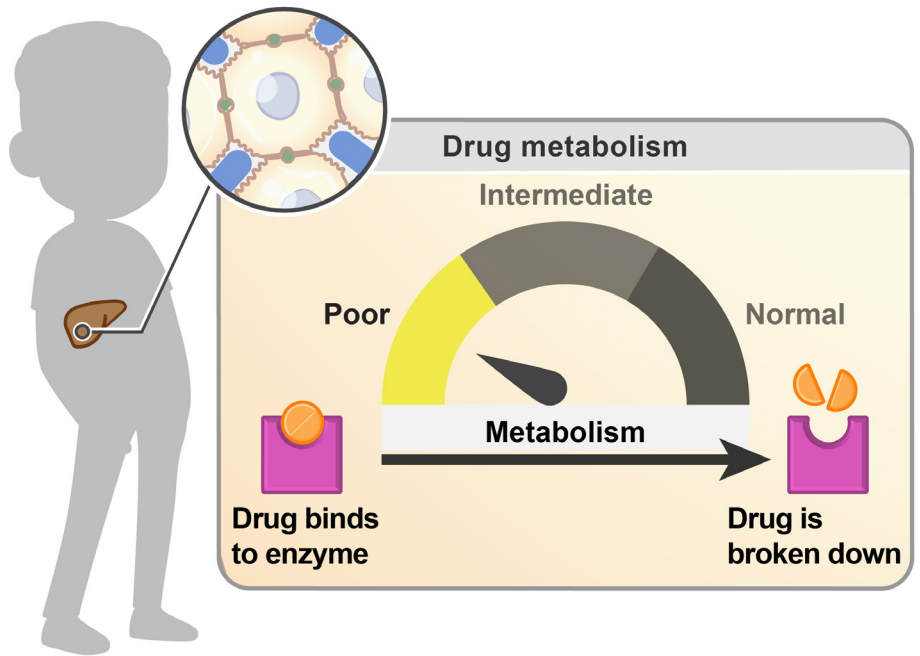


NUDT15: Poor metabolizer

What is *NUDT15*?

NUDT15 is a gene that provides the instructions to make the *NUDT15* enzyme, which is involved in the breakdown (metabolism) of medications within the body.



***NUDT15* metabolizer status:** Poor metabolizer

What it means These pharmacogenetic results predicted that the *NUDT15* enzyme has **significantly reduced activity**. Medication **is broken down significantly slower** than in most individuals.

Why it matters Medication stays longer in the body, causing unwanted effects.

What happens next The health-care team may recommend **starting with a lower dose of medication or switching to a different medication** to ensure the medication works safely and effectively.

This status is not an indicator of health. The health-care team will still consider medical history and other factors to ensure the best treatment.

Example medications affected by *NUDT15*

- Thiopurines – immunosuppressants that treat inflammatory bowel disease (IBD), leukemia, and prevent organ transplant rejection (e.g., **azathioprine**, **mercaptopurine**, **thioguanine**)

The medications listed above are referred to by their generic names. You may hear the medication called by a different brand name.