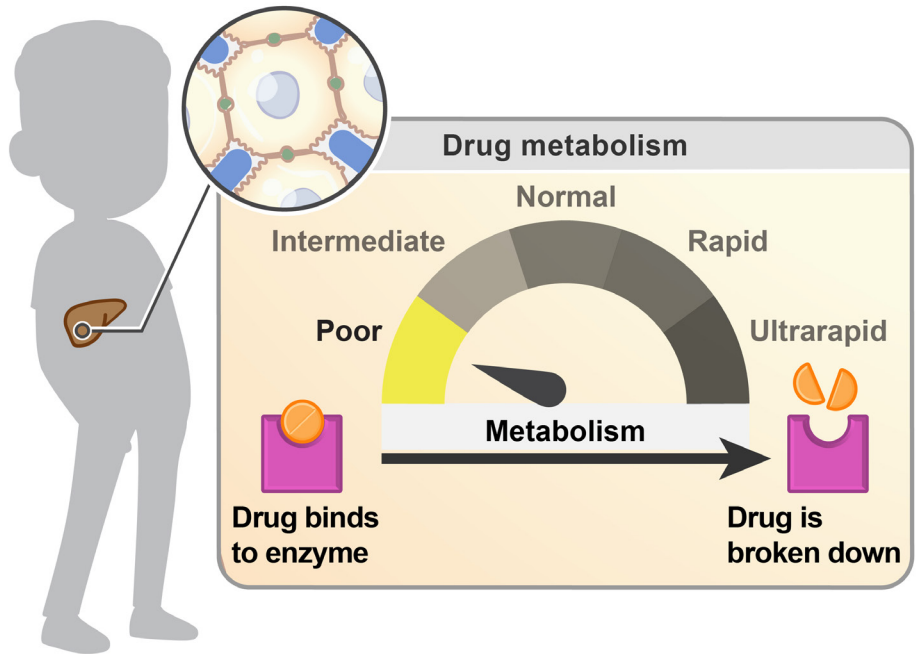


CYP2B6: Poor metabolizer

What is CYP2B6?

CYP2B6 is a gene that provides the instructions to make the CYP2B6 enzyme, which is involved in the breakdown (metabolism) of medications within the body.



CYP2B6 metabolizer status: Poor metabolizer

What it means

These pharmacogenetic results predicted that the CYP2B6 enzyme has **significantly reduced activity**. Medication **may be broken down significantly slower** than in most individuals.

Why it matters

Medication may stay 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 CYP2B6

- **Efavirenz**, a medication that treats human immunodeficiency virus (HIV)
- **Sertraline**, an antidepressant medication that helps with feelings of sadness and anxiety

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