

Dosing Adjustments for CYP Genes		
Result	What It Means	Dosing Adjustment
Poor (slow) metabolizer	Metabolic clearance is severely slowed, raising the levels of drugs that go through the pathway	Lower the dose by 30%–70%
Intermediate metabolizer	Metabolic clearance is moderately slowed, which may or may not raise the levels of drugs that go through the pathway	Watch carefully, as dose reductions may or may not be in order; the patient will be more prone to drug interactions if they take medications that further inhibit the enzyme
Extensive (normal) metabolizer	Metabolic clearance is unchanged	Nothing different
Ultrarapid metabolizer	Metabolic clearance is accelerated, lowering the levels of drugs that go through the pathway	Raise the dose by 135%–180%

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 With **John Nurnberger, MD, PhD**
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