

# CYP4F2 and Medications

## Does it matter for me?

The *CYP4F2* gene influences how quickly the body processes certain **medications used to prevent blood clots**.

If you have a history of blood clots and your healthcare provider is considering any of the medications associated with your *CYP4F2* result, please discuss your result with them before starting treatment. You can print out your test result and this guide to bring to your appointment.

Healthcare providers consider many factors when prescribing a medication including health history, other medications you are taking, lifestyle factors, and genetics. **Do not change your medication habits without talking to your prescribing healthcare provider.**

Genetic Result	Which medications can be impacted?
Normal metabolizer	No impact on medication decisions
Intermediate metabolizer* Poor metabolizer*	Heart medications: Warfarin (Coumadin, Jantoven)**

\* Specifically for people with a \*3 result  
\*\* Medication management is also impacted by results in the *VKORC1* and *CYP2C9* genes

This guide is an informational resource. Medications listed here could be impacted by specific genetic results, according to FDA drug labels, or the Clinical Pharmacogenetics Implementation Consortium (CPIC)

- [www.fda.gov/medical-devices/precision-medicine/table-pharmacogenetic-associations](http://www.fda.gov/medical-devices/precision-medicine/table-pharmacogenetic-associations)
- [cpicpgx.org/guidelines](http://cpicpgx.org/guidelines)