

Pharmacogenetic Testing

The pharmacogenetic testing panel at Sanford Health includes medications with CPIC guidelines involving the genes and drug classes listed below



CLASS	GENES
Anticoagulants	CYP2C9,VKORC1
Anticonvulsants	CYP2C19
Antidementia Agents	CYP2D6
Antidepressants	CYP2C19,CYP2D6
Antiemetics	CYP2D6
Antifungal	CYP2C19
Antiplatelets	CYP2C19
Antipsychotics	CYP2D6, CYP2C19
Fluoropyrimidines	DPYD
Immunomodulators	CYP3A5
Opioid	CYP2D6
Other Neurological Agents	CYP2D6
Statin	SLCO1B1
Thiopurines	TPMT