

PERSONALIZED MEDICINE IN YOUR POCKET

The MSC system provides guidelines authored by the Dutch Pharmacogenetics Working Group (DPWG) for the following drug substances:

CYP2C19	amitriptyline
CYP2C19	clomipramine
CYP2C19	clopidogrel
CYP2C19	doxepin
CYP2C19	imipramine
CYP2C19	nortriptyline
CYP2C19	citalopram
CYP2C19	escitalopram
CYP2C19	esomeprazole
CYP2C19	lansoprazole
CYP2C19	moclobemide
CYP2C19	omeprazole
CYP2C19	pantoprazole
CYP2C19	rabeprazole
CYP2C19	sertraline
CYP2C19	voriconazole
CYP2C9	acenocoumarol
CYP2C9	glibenclamide
CYP2C9	gliclazide
CYP2C9	glimepiride
CYP2C9	phenprocoumon
CYP2C9	phenytoin
CYP2C9	tolbutamide
CYP2D6	amitriptyline
CYP2D6	clomipramine
CYP2D6	codeine
CYP2D6	doxepin
CYP2D6	imipramine
CYP2D6	nortriptyline
CYP2D6	aripiprazole
CYP2D6	atomoxetine
CYP2D6	carvedilol
CYP2D6	clozapine
CYP2D6	duloxetine
CYP2D6	flecainide
CYP2D6	flupenthixol
CYP2D6	haloperidol
CYP2D6	metoprolol
CYP2D6	mirtazapine
CYP2D6	olanzapine
CYP2D6	oxycodone
CYP2D6	paroxetine
CYP2D6	propafenone
CYP2D6	risperidone
CYP2D6	tamoxifen
CYP2D6	tramadol
CYP2D6	venlafaxine
CYP2D6	zuclopenthixol
CYP3A5	tacrolimus
DPYD	capecitabine
DPYD	capecitabine
DPYD	capecitabine
TPMT	azathioprine
TPMT	mercaptopurine
TPMT	thioguanine
UGT1A1	irinotecan
SLCO1B1	simvastatin
VKORC1	phenprocoumon
F5	estrogen-containing oral contraceptives
HLA-B	abacavir
HLA-B	ribavirin
IFNL3	ribavirin

WHAT IS THE MEDICATION SAFETY CODE?

- The Medication Safety Code (MSC) is a **QR code** that captures patient-specific data on genetic variants in important pharmacogenes.
- After scanning the QR code with a standard smartphone, you are led to a website that displays **patient-specific drug dosing recommendations**.
- **These recommendations help you to individualize your patient's drug therapy and thus reduce the risk for adverse drug reactions and ineffective treatments.**

FOR MORE INFORMATION PLEASE VISIT

<http://www.safety-code.org>

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