

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