

CYP2D6: clonidine

2530/2531/2532

IM = intermediate metaboliser (gene dose 0.25-1) (reduced CYP2D6 enzyme activity), NM = normal metaboliser (gene dose 1.25-2.5) (normal CYP2D6 enzyme activity), PM = poor metaboliser (gene dose 0) (absent CYP2D6 enzyme activity), UM = ultra-rapid metaboliser (gene dose ≥ 2.75) (elevated CYP2D6 enzyme activity)

Source	Code	Effect	Comments

Risk group	--
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Comments:

- No literature found (PubMed).

Date of literature search: 10 December 2021.

	Phenotype	Code	Gene-drug interaction	Action	Date
KNMP Pharmacogenetics Working Group decision	PM	--	no	no	31 January 2021
	IM	--	no	no	
	UM	--	no	no	

Mechanism:

Clonidine is excreted for 70% via urine (primarily in unchanged form: 40-60% of the dose) and for 20% via faeces. It is not known which enzyme is responsible for the formation of the most important metabolite p-hydroxyclo-nidine.