

**MEDIWARE®**

**MW PHARM ++**

List of drug models available in MwPharm++

<b>Title</b>	MwPharm – List of drug models available in Mwpharm++
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## DOCUMENT HISTORY

Revision	Date	Author	Description
1.00	22.04.2016	Mediware a.s.	1 <sup>st</sup> revision
2.00	21.06.2018	Mediware a.s.	2 <sup>nd</sup> revision
3.00	04.11.2019	Mediware a.s.	3 <sup>rd</sup> revision
4.00	15.04.2021	Mediware a.s.	4 <sup>th</sup> revision

## List of drugs available in MwPharm++

acebutolol	ciclosporin	flunitrazepam
acetylsalicylic acid	cimetidine	fluorouracil
aciclovir	cisplatin	flurazepam
alfentanil	clindamycin	furosemide
alprenolol	clofibrate	gentamicin
amikacin	clonazepam	haloperidol
amiodarone	clonidine	hexobarbital
amitriptyline	clorazepate	hydralazine
amoxicillin	cloxacillin	hydrochlorothiazide
ampicillin	cocaine	hydroxychloroquine
atenolol	cyclophosphamide	hydroxyurea
atracurium	cytarabine	ibuprofen
azathioprine	dapsone	imipramine
benzylpenicillin	desipramine	indomethacin
betamethasone	dexamethasone	infliximab
bleomycin	diazepam	isoniazid
bretylum	diazoxide	isosorbide dinitrate
caffeine	dicloxacillin	isosorbide-2-mononitrate
captopril	digitoxin	isosorbide-5-mononitrate
carbamazepine	digoxin	kanamycin
carbamazepine-10,11-epoxide	diltiazem	ketamine
carbenicillin	diphenhydramine	labetalol
cefalexin	disopyramide	lidocaine
cefaloridine	dobutamine	lincomycin
cefamandole	doxepin	lithium
cefazolin	doxorubicin	lorazepam
cefotaxime	doxycycline	lorcainide
cefoxitin	eculizumab	melphalan
ceftazidime	erythromycin	mercaptapurine
chloramphenicol	ethambutol	metformin
chlordiazepoxide	ethanol	methadone
chloroquine	ethosuximide	methotrexate
chlorothiazide	ethylene glycol	methyl dopa
chlorpromazine	fentanyl	methylprednisolone
chlorpropamide	flecainide	meticillin
chlortetracycline	flucloxacillin	metoprolol
chlorthalidone	flucytosine	metronidazole
		mexiletine

mezlocillin  
midazolam  
minocycline  
minoxidil  
morphine  
mycophenolic acid  
nafcillin  
naloxone  
naproxen  
neostigmine  
netilmicin  
nicotine  
nifedipine  
nitrazepam  
nitroglycerin  
nordazepam  
nortriptyline  
oxacillin  
oxazepam  
pancuronium  
paracetamol  
pentazocine  
pentobarbital  
phenobarbital

phenylbutazone  
phenylethylmalonamide  
phenytoin  
pindolol  
piperacillin  
prazepam  
prazosin  
prednisolone  
prednisone  
primidone  
probenecid  
procainamide  
propranolol  
pyridostigmine  
pyrimethamine  
quinidine  
quinine  
ranitidine  
rifampicin  
salicylic acid  
sisomicin  
streptomycin  
sulfadiazine  
sulfamethoxazole

tacrolimus  
temazepam  
terbutaline  
tetracycline  
theophylline  
thiopental  
ticarcillin  
timolol  
tobramycin  
tocainide  
tocilizumab  
tolbutamide  
tolmetin  
triamterene  
trimethoprim  
tubocurarine  
valproic acid  
vancomycin  
vecuronium  
verapamil  
voriconazole  
warfarin  
zidovudine

## List of drugs models available in MwPharm++

!ethanol__bsa_ped_C1	#tobramycin_neonate_0.5_1m_C1	carbamazepine_C1
!ethanol__lhm_ped_C1	#tobramycin_neonate_0_0.5m_C1	carbenicillin_C1
!ethylene_glycol_C1	#valproic_acid_C1	cefalexin_C1
!gentamicin_icu_C1	#vancomycin_adult_C2	cefaloridin_C1
!pentazocine_C1	#vancomycin_adult_k_C2	cefamandole_C1
!theophylline__ped_C1	#vancomycin_child_C2	cefazolin_C1
!theophylline__sat_C1	#vancomycin_neonate_0.5_1m_C2	cefotaxime_C1
!theophylline__tox_C1	#vancomycin_neonate_0_0.5m_C1	cefoxitin_C1
!tobramycin_icu_C1	305~morphine_holford_2012_C2	ceftazidime_C1
#carbamazepine_C1	306~morphine_holford_2012_vent_C2	chlormphenicol_C1
#cyclosporine_adult_C2	322~adalimumab_castelee2018_C1	chlordiazepoxide_C1
#digoxin_C1	323~adalimumab_castelee2018_C1	chloroquine_C1
#gentamicin_adult_C1	acebutolol_C1	chlorothiazide_C1
#gentamicin_adult_ic_C1	acetylsalicylic_acid_C1	chlorpromazine_C1
#gentamicin_adult_ip_C1	aciclovir_C1	chlorpropamide_acid_urine_C1
#gentamicin_adult_k_C1	adalimumab_castelee2018_C1	chlorpropamide_basic_urine_C1
#gentamicin_child_10_16y_C1	alfentanil_C1	chlortetracycline_C1
#gentamicin_child_1_5y_C1	alprenolol_C1	chlorthalidone_C1
#gentamicin_child_1_6m_C1	alprenolol_retard_C1	cimetidine_C1
#gentamicin_child_5_10y_C1	amikacin_C1	cisplatin_C1
#gentamicin_child_6_12m_C1	amikacin_C2	clindamycin_C1
#gentamicin_neonate_0.5_1m_C1	amiodarone_C1	clofibrate_C1
#gentamicin_neonate_0_0.5m_C1	amitriptyline_C1	clonazepam_C1
#gentamicin_neonate__ST_1500g_C1	amitriptyline_retard_C1	clonidine_C1
#lithium_adult_C1	amoxicillin_C1	clonidine_retard_C1
#phenytoin_C1	ampicillin_C1	clorazepate_C1
#tacrolimus_kidney_transplant_C2	atenolol_C1	cloxacillin_C1
#tobramycin_adult_C1	atracurium_C1	cocaine_C1
#tobramycin_adult_cf_C1	azathioprine_C1	cyclophosphamide_C1
#tobramycin_adult_ic_C1	benzylpenicillin_C1	cyclosporine_C1
#tobramycin_adult_k_C1	betamethasone_C1	cyclosporine_C2
#tobramycin_child_10_16y_C1	bleomycin_C1	cytarabine_C1
#tobramycin_child_1_5y_C1	body_C1	dapsone_C1
#tobramycin_child_1_6m_C1	bretylium_C1	desipramine_C1
#tobramycin_child_5_10y_C1	caffeine_C1	dexamethasone_C1
#tobramycin_child_6_12m_C1	captopril_C1	diazepam_C1
#tobramycin_child_cf_C1	carbamazepine_10_11_epoxide_C1	diazoxide_C1

dicloxacillin_C1	hydralazine_slow_acetylator_C1	midazolam_C2
digitoxin_C1	hydrochlorothiazide_C1	minocycline_C1
digoxin_C1	HCQ_Lim_C2	minoxidil_C1
diltiazem_C1	HCQ_Lim_CR_C2	morphine_C1
diphenhydramine_C1	HCQ_Lim_PO_C2	mycophenolic_acid_C2
disopyramide_C1	HDX_Dong_BJCP_2015_C1	nafcillin_C1
dobutamine_C1	ibuprofen_C1	naloxone_C1
Dotan_IBD_2014	imipramine_C1	naproxen_C1
doxepin_C1	indications_C1	neostigmine_C1
doxorubicin_C1	indomethacin_C1	netilmicin_C1
doxycycline_C1	isoniazid_fast_acetylator_C1	netilmicin_C2
Eculizumab_Jodele_2016	isoniazid_slow_acetylator_C1	nicotine_C1
effect_C1	isosorbide_2_mononitrate_C1	nifedipine_C1
erythromycin_C1	isosorbide_5_mononitrate_C1	nitrazepam_C1
ethambutol_C1	isosorbide_dinitrate_cutaneous_C1	nitroglycerin_C1
ethanol_C1	isosorbide_dinitrate_oral_C1	nordazepam_C1
ethosuximide_C1	isosorbide_dinitrate_subling_C1	nortriptyline_C1
Fasanmade_CD_2011	kanamycin_C1	oxacillin_C1
Fasanmade_UC_2009	ketamine_C1	oxazepam_C1
fentanyl_C1	labetalol_C1	pancuronium_C1
flecainide_C1	lidocaine_C1	pancuronium_C3
flecainide_C2	lincomycin_C1	paracetamol_C1
fluclo_wilkes_cr_C2	lithium__taright_tdm_3_1994_C1	pentazocine_C1
fluclo_wilkes_cr_cy_C2	lithium__taright_tdm_3_1994_C2	pentobarbital_C2
fluclo_wilkes_cy_C2	lithium_C1	peripheral_C1
flucytosine_C1	lorazepam_C1	phenobarbital_C1
flunitrazepam_C1	lorcainide_100_C1	phenobarbital_C2
fluorouracil_C1	lorcainide_200_C1	phenylbutazone_C1
flurazepam_C1	melphalan_C1	phenylethylmalonamide_C1
formulations_C1	mercaptopurine_C1	phenytoin_C1
furosemide_C1	meropenem_jarura_C1~	pindolol_C1
gentamicin_C1	metabolite_C1	piperacillin_C1
gentamicin_C2	methadone_C1	populations_C1
gentamicin_obese_adult_C1	methicillin_C1	prazepam_C1
haloperidol_C1	methotrexate_C1	prazosin_C1
hexobarbital_C1	methylidopa_C1	prednisolone_C1
Holford_2012_C2	methylprednisolone_C1	prednisone_C1
Holford_2012_Meta_C2	metoprolol_C1	primidone_C1
Holford_2012_Meta_Vent_C2	metronidazole_C1	probenecid_C1
Holford_2012_Vent_C2	mexiletine_C1	procainamide_C1
hydralazine_fast_acetylator_C1	mezlocillin_C1	propranolol_C1
	midazolam_C1	

pyridostigmine_C1	thiopental_C3	vancomycin__adult_C2
pyrimethamine_C1	ticarcillin_C1	vancomycin__capd_C2
quinidine_C1	timolol_C1	vancomycin__dialysis_C2
quinine_C1	tobramycin__adult_C1	vancomycin__neonate_C2
ranitidine_C1	tobramycin__pediatric_C1	vancomycin_C1
rifampicin_C1	tobramycin_C1	vecuronium_C1
salicylic_acid_C1	tobramycin_C2	vecuronium_C2
sisomicin_C1	tobramycin_obese_adult_C1	vecuronium_C3
streptomycin_C1	tocainide_C1	verapamil_C1
sulfadiazine_C1	TCZ_Frey_C2	voriconazole__ahz_C2
sulfamethoxazole_C1	TCZ_Frey_Smoking_C2	warfarin_C1
temazepam_C1	tolbutamide_C1	zidovudine_C1
terbutaline_C1	tolmetin_C1	
tetracycline_C1	triamterene_C1	
theophylline_C1	trimethoprim_C1	
thiopental_C1	tubocurarine_C1	
thiopental_C2	unbound_C1	
thiopental_C2_pentobarbital_C2	valproic_acid_C1	

*C1... 1-compartment model*

*C2... 2-compartment model*

*C3... 3-compartment model*

## **Additional models available for MwPharm++ (not included in default database)**

Additional models can be found by default at:

C://Mediware/MwPharm++/Models/EDX/MwPharm/Additional

gentamicin\_adult\_evers\_C1

gentamicin\_obese\_adult\_C2

gentamicin\_adult\_icu\_evers\_C1

gentamicin\_obese\_adult\_S2

methotrexate\_touw\_C3

tobramycin\_obese\_adult\_C2

methotrexate\_touw\_ex\_C3

ribavirin\_milliken\_C3

tobramycin\_adult\_cf\_touw\_C1

ribavirin\_milliken\_lung\_trans\_C3

tobramycin\_adult\_icu\_neef\_C1

tobramycin\_adult\_neef\_C1

cortisol\_buning\_free

cortisol\_buning\_total

Learn how to add new models to database in our FAQ's document.

cortisol\_buning\_free\_infusion

Available at:

cortisol\_buning\_free\_infusion\_alb

**[mediware.cz/en/mwpharm-plus-plus-faq](http://mediware.cz/en/mwpharm-plus-plus-faq)**

cortisol\_buning\_free\_infusion\_cbg

cortisol\_buning\_free\_infusion\_rc

vitro\_nM

fluclo\_wilkes\_cr

fluclo\_wilkes\_cr\_cy

fluclo\_wilkes\_cy

Dotan\_IDB\_2014

Fasanmade\_CD\_2011

Fasanmade\_UC\_2009