



2020 National Patient Safety Goals Official “Do Not Use” List ISMP’s List of Confused Drug Names

The purpose of the National Patient Safety Goals is to improve patient safety. The goals focus on problems in health care safety and how to solve them. The Joint Commission’s 2020 National Patient Safety Goals set forth clear guidelines for how healthcare organizations can improve the quality of care.

The following pages include:

- Summary of Joint Commission 2020 National Patient Safety Goals (Hospital)***
- Joint Commission’s Official “Do Not Use” List
- Institute for Safe Medication Practices (ISMP’s) List of *Confused* Drug Names

***The exact language of the goals can be found on the Joint Commission Website under 2020 National Patient Safety Goals.

2020 Hospital National Patient Safety Goals

The purpose of the National Patient Safety Goals is to improve patient safety. The goals focus on problems in health care safety and how to solve them.

Identify patients correctly

- NPSG.01.01.01 Use at least two ways to identify patients. For example, use the patient's name *and* date of birth. This is done to make sure that each patient gets the correct medicine and treatment.
- NPSG.01.03.01 Make sure that the correct patient gets the correct blood when they get a blood transfusion.

Improve staff communication

- NPSG.02.03.01 Get important test results to the right staff person on time.

Use medicines safely

- NPSG.03.04.01 Before a procedure, label medicines that are not labeled. For example, medicines in syringes, cups and basins. Do this in the area where medicines and supplies are set up.
- NPSG.03.05.01 Take extra care with patients who take medicines to thin their blood.
- NPSG.03.06.01 Record and pass along correct information about a patient's medicines. Find out what medicines the patient is taking. Compare those medicines to new medicines given to the patient. Make sure the patient knows which medicines to take when they are at home. Tell the patient it is important to bring their up-to-date list of medicines every time they visit a doctor.

Use alarms safely

- NPSG.06.01.01 Make improvements to ensure that alarms on medical equipment are heard and responded to on time.

Prevent infection

- NPSG.07.01.01 Use the hand cleaning guidelines from the Centers for Disease Control and Prevention or the World Health Organization. Set goals for improving hand cleaning. Use the goals to improve hand cleaning.
- NPSG.07.03.01 Use proven guidelines to prevent infections that are difficult to treat.
- NPSG.07.04.01 Use proven guidelines to prevent infection of the blood from central lines.
- NPSG.07.05.01 Use proven guidelines to prevent infection after surgery.
- NPSG.07.06.01 Use proven guidelines to prevent infections of the urinary tract that are caused by catheters.

Identify patient safety risks

- NPSG.15.01.01 Reduce the risk for suicide.

Prevent mistakes in surgery

- UP.01.01.01 Make sure that the correct surgery is done on the correct patient and at the correct place on the patient's body.
- UP.01.02.01 Mark the correct place on the patient's body where the surgery is to be done.
- UP.01.03.01 Pause before the surgery to make sure that a mistake is not being made.



This is an easy-to-read document. It has been created for the public. The exact language of the goals can be found at www.jointcommission.org.

Official “Do Not Use” List

- This list is part of the Information Management standards
- Does not apply to preprogrammed health information technology systems (i.e. electronic medical records or CPOE systems), but remains under consideration for the future

Organizations contemplating introduction or upgrade of such systems should strive to eliminate the use of dangerous abbreviations, acronyms, symbols and dose designations from the software.

Official “Do Not Use” List

Do Not Use	Potential Problem	Use Instead
U, u (unit)	Mistaken for “O” (zero), the number “4” (four) or “cc”	Write "unit"
IU (International Unit)	Mistaken for IV (intravenous) or the number 10 (ten)	Write "International Unit"
Q.D., QD, q.d., qd (daily)	Mistaken for each other	Write "daily"
Q.O.D., QOD, q.o.d, qod (every other day)	Period after the Q mistaken for "I" and the "O" mistaken for "I"	Write "every other day"
Trailing zero (X.0 mg)* Lack of leading zero (.X mg)	Decimal point is missed	Write X mg Write 0.X mg
MS	Can mean morphine sulfate or magnesium sulfate	Write "morphine sulfate" Write "magnesium sulfate"
MSO ₄ and MgSO ₄	Confused for one another	

¹ Applies to all orders and all medication-related documentation that is handwritten (including free-text computer entry) or on pre-printed forms.

***Exception:** A “trailing zero” may be used only where required to demonstrate the level of precision of the value being reported, such as for laboratory results, imaging studies that report size of lesions, or catheter/tube sizes. It may not be used in medication orders or other medication-related documentation.

Development of the “Do Not Use” List

In 2001, The Joint Commission issued a *Sentinel Event Alert* on the subject of medical abbreviations. A year later, its Board of Commissioners approved a National Patient Safety Goal requiring accredited organizations to develop and implement a list of abbreviations not to use. In 2004, The Joint Commission created its “Do Not Use” List to meet that goal. In 2010, NPSG.02.02.01 was integrated into the Information Management standards as elements of performance 2 and 3 under IM.02.02.01.

9/18

The Joint Commission

FACT SHEET

For more information

- Contact the Standards Interpretation Group at 630-792-5900.
- Complete the [Standards Online Question Submission Form](#).

ISMP List of *Confused* Drug Names

This list of confused drug names, which includes look-alike and sound-alike name pairs, consists of those name pairs that have been published in the *ISMP Medication Safety Alert!*[®] Acute Care or the *ISMP Medication Safety Alert!*[®] Community/Ambulatory Care newsletters. Events involving these medications were reported to ISMP through either the ISMP National Medication Errors Reporting Program (ISMP MERP) or ISMP National Vaccine Errors Reporting Program (ISMP VERP). We hope you will use this list to determine which medications

require special safeguards to reduce the risk of errors. This may include strategies such as: using both the brand and generic names on prescriptions and labels; including the purpose of the medication on prescriptions; configuring computer selection screens to prevent look-alike names from appearing consecutively; and changing the appearance of look-alike product names to draw attention to their dissimilarities. Both the FDA-approved and the ISMP-recommended tall man (mixed case) letters have been included in the list below.

Updated through February 2019

Drug Name	Confused Drug Name
Abelcet	amphotericin B
Accupril	Aciphex
acetaminophen	acetaZOLAMIDE
acetaZOLAMIDE	acetaminophen
acetaZOLAMIDE	acetoHEXAMIDE
acetic acid for irrigation	glacial acetic acid
acetoHEXAMIDE	acetaZOLAMIDE
Aciphex	Accupril
Aciphex	Aricept
Activase	Cathflo Activase
Activase	TNKase
Actonel	Actos
Actos	Actonel
Adacel (Tdap)	Daptacel (DTaP)
Adderall	Inderal
Adderall	Adderall XR
Adderall XR	Adderall
ado-trastuzumab emtansine	trastuzumab
Advair	Advicor
Advicor	Advair
Advicor	Altacor
Afrin (oxymetazoline)	Afrin (saline)
Afrin (saline)	Afrin (oxymetazoline)
Aggrastat	argatroban
Aldara	Alora
Alkeran	Leukeran
Alkeran	Myleran
Allegra (fexofenadine)	Allegra Anti-Itch Cream (diphenhydrAMINE/allantoin)
Allegra	Viagra
Allegra Anti-Itch Cream (diphenhydrAMINE/allantoin)	Allegra (fexofenadine)
Alora	Aldara
ALPRAZolam	clonazePAM

Drug Name	Confused Drug Name
ALPRAZolam	LORazepam
Altacor	Advicor
amantadine	amiodarone
Amaryl	Reminyl
Ambisome	amphotericin B
Amicar	Omacor
Amikin	Kineret
aMILoride	amLODIPine
amiodarone	amantadine
amLODIPine	aMILoride
amphotericin B	Abelcet
amphotericin B	Ambisome
amphotericin B	amphotericin B liposomal
amphotericin B liposomal	amphotericin B
Anacin	Anacin-3
Anacin-3	Anacin
antacid	Atacand
anticoagulant citrate dextrose solution formula A	anticoagulant sodium citrate solution
anticoagulant sodium citrate solution	anticoagulant citrate dextrose solution formula A
Antivert	Axert
Anzemet	Avandamet
Apidra	Spiriva
Apresoline	Priscoline
argatroban	Aggrastat
argatroban	Orgaran
Aricept	Aciphex
Aricept	Azilect
ARIPiprazole	proton pump inhibitors
ARIPiprazole	RABEprazole
Arista AH (absorbable hemostatic agent)	Arixtra
Arixtra	Arista AH (absorbable hemostatic agent)
Asacol	Os-Cal

Note: Brand names start with an uppercase letter. Some brand names incorporate tall man letters in initial characters and may not be readily recognized as brand names. Brand names appear in black; generic names/other products appear in red.

ISMP List of *Confused Drug Names*

Drug Name	Confused Drug Name
Atacand	antacid
atomoxetine	atorvastatin
atorvastatin	atomoxetine
Atrovent	Natru-Vent
Avandamet	Anzemet
Avandia	Prandin
Avandia	Coumadin
AVINza	INVanz
AVINza	Evista
Axert	Antivert
aza CITIDine	aza THIOprine
aza THIOprine	aza CITIDine
Azilect	Aricept
B & O (<i>belladonna and opium</i>)	Beano
BabyBIG	HBIG (<i>hepatitis B immune globulin</i>)
Bayhep-B	Bayrab
Bayhep-B	Bayrho-D
Bayrab	Bayhep-B
Bayrab	Bayrho-D
Bayrho-D	Bayhep-B
Bayrho-D	Bayrab
Beano	B & O (<i>belladonna and opium</i>)
Benadryl	benazepril
benazepril	Benadryl
Benicar	Mevacor
Betadine (with povidone-iodine)	Betadine (without povidone-iodine)
Betadine (without povidone-iodine)	Betadine (with povidone-iodine)
betaine (anhydrous form)	betaine HCl
betaine HCl	betaine (anhydrous form)
Bextra	Zetia
Bicillin C-R	Bicillin L-A
Bicillin L-A	Bicillin C-R
Bicitra	Polycitra
Bidex	Videx
Brethine	Methergine
Bio-T-Gel	T-Gel
Brevibloc	Brevital
Brevital	Brevibloc
Brilinta	Brintellix
Brintellix	Brilinta
buprenorphine	HYDRO morphine
bu PROPion	bus PIRone
bus PIRone	bu PROPion
Capadex [non-US product]	Kapidex
Capex	Kapidex
Carac	Kuric

Drug Name	Confused Drug Name
captopril	carvedilol
car BAM azepine	OX carbapine
CARBO platin	CIS platin
Cardene	Cardizem
Cardizem	Cardene
Cardura	Coumadin
carvedilol	captopril
Casodex	Kapidex
Cathflo Activase	Activase
Cedax	Cidex
ce FAZ olin	ce TRIA Xone
ce TRIA Xone	ce FAZ olin
cefuroxime	sulfa SAL Azine
Cele BREX	Cele XA
Cele BREX	Cerebyx
Cele XA	Cele BREX
Cele XA	Cerebyx
Cele XA	Zy PREXA
Cerebyx	Cele BREX
Cerebyx	Cele XA
cetirizine	sertraline
cetirizine	stavudine
chlordiaze POXIDE	chlorpro MAZINE
chlorpro MAZINE	chlordiaze POXIDE
chlorpro MAZINE	chlorpro PAMIDE
chlorpro PAMIDE	chlorpro MAZINE
Cidex	Cedax
CIS platin	CARBO platin
Clarispray (<i>fluticasone propionate</i>)	Claritin (<i>loratadine</i>)
Claritin (<i>loratadine</i>)	Claritin Eye (<i>ketotifen fumarate</i>)
Claritin (<i>loratadine</i>)	Clarispray (<i>fluticasone propionate</i>)
Claritin-D	Claritin-D 24
Claritin-D 24	Claritin-D
Claritin Eye (<i>ketotifen fumarate</i>)	Claritin (<i>loratadine</i>)
Clindesse	Clindets
Clindets	Clindesse
clo BAZ am	clonaze PAM
clomi PHENE	clomi PRAMINE
clomi PRAMINE	clomi PHENE
clonaze PAM	ALPRAZ olam
clonaze PAM	clo BAZ am
clonaze PAM	clo NIDine
clonaze PAM	clo ZAPine
clonaze PAM	LOR azepam
clo NIDine	clonaze PAM
clo NIDine	clo ZAPine

Note: Brand names start with an uppercase letter. Some brand names incorporate tall man letters in initial characters and may not be readily recognized as brand names. Brand names appear in black; generic names/other products appear in red.

ISMP List of *Confused* Drug Names

Drug Name	Confused Drug Name
clo NID ine	Klono PIN
clo ZAP ine	clonaze PAM
clo ZAP ine	clo NID ine
Clozaril	Colazal
coagulation factor IX (recombinant)	factor IX complex, vapor heated
codeine	Lodine
Colace	Cozaar
Colazal	Clozaril
colchicine	Cortrosyn
Comvax	Recombivax HB
Cortrosyn	colchicine
Coumadin	Avandia
Coumadin	Cardura
Covaryx HS	Covera HS
Covera HS	Covaryx HS
Cozaar	Colace
Cozaar	Zocor
Cubicin	Cubicin RF
Cubicin RF	Cubicin
cyclophosphamide	cyclo SPORINE
cyclo SERINE	cyclo SPORINE
cyclo SPORINE	cyclophosphamide
cyclo SPORINE	cyclo SERINE
cyclo SPORINE	cyclo SPORINE modified
cyclo SPORINE modified	cyclo SPORINE
Cymbalta	Symbyax
dabigatran	vigabatrin
DACTIN omycin	DAPTO mycin
Daptacel (DTaP)	Adacel (Tdap)
DAPTO mycin	DACTIN omycin
Darvocet	Percocet
Darvon	Diovan
DAUNO rubicin	DAUNO rubicin citrate liposomal
DAUNO rubicin	DOXO rubicin
DAUNO rubicin	IDA rubicin
DAUNO rubicin citrate liposomal	DAUNO rubicin
Denavir	indinavir
Depakote	Depakote ER
Depakote ER	Depakote
DEPO -Medrol	SOLU -Medrol
Depo-Provera	Depo-subQ provera 104
Depo-subQ provera 104	Depo-Provera
desipramine	disopyramide
desmopressin	vasopressin
Desyrel	SERO quel
dexamethasone	dexmedetomidine

Drug Name	Confused Drug Name
Dexilant	DUL oxetine
dexmedetomidine	dexamethasone
dexmethylphenidate	dexmethylphenidate mixed salts
dexmethylphenidate	methadone
dexmethylphenidate mixed salts	dexmethylphenidate
Diabinese	Diamox
Diabeta	Zebeta
Diamox	Diabinese
diaze PAM	di lTIAZ em
Diflucan	Diprivan
Dilacor XR	Pilocar
Dilaudid	Dilaudid-5
Dilaudid-5	Dilaudid
di lTIAZ em	diaze PAM
dimenhy DRINATE	diphenhydr AMINE
diphenhydr AMINE	dimenhy DRINATE
Dioval	Diovan
Diovan	Darvon
Diovan	Dioval
Diovan	Zyban
Diprivan	Diflucan
Diprivan	Ditropan
disopyramide	desipramine
Ditropan	Diprivan
DOBUT amine	DOP amine
DOCE taxel	PACL itaxel
DOP amine	DOBUT amine
Doribax	Zovirax
Doxil	Paxil
DOXO rubicin	DAUNO rubicin
DOXO rubicin	DOXO rubicin liposomal
DOXO rubicin	IDA rubicin
DOXO rubicin liposomal	DOXO rubicin
Dramamine (dimenhy DRINATE)	Dramamine (ginger root)
Dramamine (dimenhy DRINATE)	Dramamine (meclizine)
Dramamine (ginger root)	Dramamine (dimenhy DRINATE)
Dramamine (ginger root)	Dramamine (meclizine)
Dramamine (meclizine)	Dramamine (dimenhy DRINATE)
Dramamine (meclizine)	Dramamine (ginger root)
Dulcolax (bisacodyl)	Dulcolax (docusate sodium)
Dulcolax (docusate sodium)	Dulcolax (bisacodyl)
DUL oxetine	Dexilant
DUL oxetine	FLU oxetine
DUL oxetine	PAR oxetine
Durasal	Durezol
Durezol	Durasal

Note: Brand names start with an uppercase letter. Some brand names incorporate tall man letters in initial characters and may not be readily recognized as brand names. Brand names appear in black; generic names/other products appear in red.

ISMP List of *Confused Drug Names*

Drug Name	Confused Drug Name
Duricef	Ultracet
Dynacin	Dynacirc
Dynacirc	Dynacin
edetate calcium disodium	edetate disodium
edetate disodium	edetate calcium disodium
Effexor	Effexor XR
Effexor XR	Effexor
Effexor XR	Enablex
elvitegravir, cobicistat, emtricitabine, and tenofovir alafenamide	elvitegravir, cobicistat, emtricitabine, and tenofovir disoproxil fumarate
elvitegravir, cobicistat, emtricitabine, and tenofovir disoproxil fumarate	elvitegravir, cobicistat, emtricitabine, and tenofovir alafenamide
Enablex	Effexor XR
Enbrel	Levbid
Engerix-B adult	Engerix-B pediatric/adolescent
Engerix-B pediatric/adolescent	Engerix-B adult
Enjuvia	Januvia
ePHEDrine	EPINEPHrine
EPINEPHrine	ePHEDrine
epiRUBicin	eriBULin
eriBULin	epiRUBicin
Estratest	Estratest HS
Estratest HS	Estratest
ethambutol	Ethmazine
ethaverine [non-US name]	etravirine
Ethmazine	ethambutol
etravirine	ethaverine [non-US name]
Evista	AVINza
factor IX complex, vapor heated	coagulation factor IX (recombinant)
Fanapt	Xanax
Farxiga	Fetzima
Fastin (phentermine)	Fastin (dietary supplement)
Fastin (dietary supplement)	Fastin (phentermine)
Femara	Femhrt
Femhrt	Femara
fentaNYL	SUFentamil
Fetzima	Farxiga
Fioricet	Fiorinal
Fiorinal	Fioricet
flavoxATE	fluoxaMINE
Flonase	Flovent
Floranex	Florinef
Florastor	Florinef
Florinef	Floranex
Florinef	Florastor
Flovent	Flonase

Drug Name	Confused Drug Name
fluPHENAZine	fluoxaMINE
flumazenil	influenza virus vaccine
FLUoxetine	DULoxetine
FLUoxetine	Loxitane
FLUoxetine	PARoxetine
fluoxaMINE	flavoxATE
fluoxaMINE	fluPHENAZine
Focalgin B	Focalin
Focalin	Focalgin B
Folex	Foltx
folic acid	folinic acid (leucovorin calcium)
folinic acid (leucovorin calcium)	folic acid
Foltx	Folex
fomepizole	omeprazole
Foradil	Fortical
Foradil	Toradol
Fortical	Foradil
gabapentin	gemfibrozil
gemfibrozil	gabapentin
gentamicin	gentian violet
gentian violet	gentamicin
glacial acetic acid	acetic acid for irrigation
glipiZIDE	glyBURIDE
Glucotrol	Glycotrol
glyBURIDE	glipiZIDE
Glycotrol	Glucotrol
Granulex	Regranex
guaiFENesin	guanFACINE
guanFACINE	guaiFENesin
HBIG (hepatitis B immune globulin)	BabyBIG
Healon	Hyalgan
heparin	Hespan
Hespan	heparin
HMG-CoA reductase inhibitors ("statins")	nystatin
HumaLOG	HumuLIN
HumaLOG	NovoLOG
HumaLOG Mix 75/25	HumuLIN 70/30
Humapen Memoir (for use with HumaLOG)	Humira Pen
Humira Pen	Humapen Memoir (for use with HumaLOG)
HumuLIN	HumaLOG
HumuLIN	NovoLIN
HumuLIN 70/30	HumaLOG Mix 75/25
HumuLIN R U-100	HumuLIN R U-500
HumuLIN R U-500	HumuLIN R U-100
Hyalgan	Healon
hydrALAZINE	hydroCHLOROthiazide

Note: Brand names start with an uppercase letter. Some brand names incorporate tall man letters in initial characters and may not be readily recognized as brand names. Brand names appear in black; generic names/other products appear in red.

ISMP List of *Confused Drug Names*

Drug Name	Confused Drug Name
hydr ALAZINE	hydr OXYzine
Hydrea	Lyrica
hydro CHLORO thiazide	hydr ALAZINE
hydro CHLORO thiazide	hydr OXYzine
HYDRO codone	oxy CODONE
Hydrogesic	hydr OXYzine
HYDRO morphine	buprenorphine
HYDRO morphine	morphine
HYDRO morphine	oxy MOR phine
hydroxychloroquine	hydroxyurea
HYDROXY progesterone	medroxy PROGESTER one
hydroxyurea	hydroxychloroquine
hydroxyurea	hydr OXYzine
hydr OXYzine	hydr ALAZINE
hydr OXYzine	hydro CHLORO thiazide
hydr OXYzine	Hydrogesic
hydr OXYzine	hydroxyurea
IDA rubicin	DAUNO rubicin
IDA rubicin	DOXO rubicin
IDA rubicin	idaru CIZU mab
idaru CIZU mab	IDA rubicin
Inderal	Adderall
indinavir	Denavir
in FLIX imab	ri TUX imab
influenza virus vaccine	flumazenil
influenza virus vaccine	perflutren lipid microspheres
influenza virus vaccine	tuberculin purified protein derivative (PPD)
Inspra	Spiriva
Intuniv	Invega
INV anz	AVIN za
Invega	Intuniv
iodine	Lodine
Isordil	Plendil
ISO tretinoin	tretinoin
Jantoven	Janumet
Jantoven	Januvia
Janumet	Jantoven
Janumet	Januvia
Janumet	Sinemet
Januvia	Enjuvia
Januvia	Jantoven
Januvia	Janumet
K-Phos Neutral	Neutra-Phos-K
Kaopectate (bismuth subsalicylate)	Kaopectate (docosate calcium)
Kaopectate (docosate calcium)	Kaopectate (bismuth subsalicylate)
Kadian	Kapidex

Drug Name	Confused Drug Name
Kaletra	Keppra
Kapidex	Capadex [non-US product]
Kapidex	Capex
Kapidex	Casodex
Kapidex	Kadian
Kay Ciel	Kayexalate
Kayexalate	Kay Ciel
Keflex	Keppra
Keppra	Kaletra
Keppra	Keflex
Ketalar	ketorolac
ketorolac	Ketalar
ketorolac	methadone
Kineret	Amikin
Klono PIN	cloNID ine
Kuric	Carac
Kwell	Qwell
labetalol	La MIC tal
labetalol	lamoTRI gine
La MIC tal	labetalol
La MIC tal	Lam ISIL
Lam ISIL	La MIC tal
lamiVUD ine	lamoTRI gine
lamoTRI gine	labetalol
lamoTRI gine	lamiVUD ine
lamoTRI gine	levETIRA cetam
lamoTRI gine	levothyroxine
Lanoxin	levothyroxine
Lanoxin	naloxone
lanthanum carbonate	lithium carbonate
Lantus	Latuda
Lantus	Lente
Lariam	Levaquin
Lasix	Luvox
Latuda	Lantus
Lente	Lantus
Letairis	Letaris [non-US product]
Letaris [non-US product]	Letairis
leucovorin calcium	Leukeran
leucovorin calcium	LEVO leucovorin
Leukeran	Alkeran
Leukeran	leucovorin calcium
Leukeran	Myleran
Levaquin	Lariam
Levbid	Enbrel
Levemir	Lovenox

Note: Brand names start with an uppercase letter. Some brand names incorporate tall man letters in initial characters and may not be readily recognized as brand names. Brand names appear in black; generic names/other products appear in red.

ISMP List of *Confused Drug Names*

Drug Name	Confused Drug Name
lev ETIR Acetam	lamo TRI gine
lev ETIR Acetam	lev OCARN itine
lev ETIR Acetam	levo FLOX acin
lev OCARN itine	lev ETIR Acetam
levo FLOX acin	lev ETIR Acetam
LEVO leucovorin	leucovorin calcium
levothyroxine	lamo TRI gine
levothyroxine	Lanoxin
levothyroxine	lio thyron ine
Lexapro	Loxitan
Lexiva	Pexeva
lina CLO tide	lina GLIP tin
lina GLIP tin	lina CLO tide
lio thyron ine	levo thyrox ine
Lipitor	Loniten
Lipitor	Zyr TEC
lithium	Ultram
lithium carbonate	lanthanum carbonate
Lodine	codeine
Lodine	iodine
Loniten	Lipitor
Lopressor	Lyrica
LOR azepam	ALPRAZ olam
LOR azepam	clonazePAM
LOR azepam	Lovaza
Lotronex	Protonix
Lovaza	LOR azepam
Lovenox	Levemir
Loxitan	FLU oxetine
Loxitan	Lexapro
Loxitan	Soriatane
Lunesta	Neulasta
Lupron Depot-3 Month	Lupron Depot-Ped
Lupron Depot-Ped	Lupron Depot-3 Month
Luvox	Lasix
Lyrica	Hydrea
Lyrica	Lopressor
Maalox	Maalox Total Stomach Relief
Maalox Total Stomach Relief	Maalox
Malarone	mefloquine
Matulane	Materna
Materna	Matulane
Maxzide	Microzide
medroxyPROGESTER one	HYDROXY progesterone
medroxyPROGESTER one	methylPREDNIS olone
medroxyPROGESTER one	methylTESTOSTER one

Drug Name	Confused Drug Name
mefloquine	Malarone
memantine	methadone
Menactra	Menomune
Menomune	Menactra
Mephyton	methadone
Metadate	methadone
Metadate CD	Metadate ER
Metadate ER	Metadate CD
Metadate ER	methadone
metFORMIN	metroNIDAZOLE
methadone	dexmethylphenidate
methadone	ketorolac
methadone	memantine
methadone	Mephyton
methadone	Metadate
methadone	Metadate ER
methadone	methylphenidate
methadone	metOL azone
Methergine	Brethine
methazolAMIDE	methIMAzole
methazolAMIDE	metOL azone
methIMAzole	methazolAMIDE
methIMAzole	metOL azone
methotrexate	metOL azone
methotrexate	MTX Patch (lidocaine and menthol)
methylene blue	VisionBlue
methylphenidate	methadone
methylPREDNIS olone	medroxyPROGESTER one
methylPREDNIS olone	methylTESTOSTER one
methylTESTOSTER one	medroxyPROGESTER one
methylTESTOSTER one	methylPREDNIS olone
metyraPONE	metyroSINE
metyroSINE	metyraPONE
metOL azone	methadone
metOL azone	methazolAMIDE
metOL azone	methIMAzole
metOL azone	methotrexate
metoprolol succinate	metoprolol tartrate
metoprolol tartrate	metoprolol succinate
metroNIDAZOLE	metFORMIN
Mevacor	Benicar
Micronase	Microzide
Microzide	Maxzide
Microzide	Micronase
midodrine	Midrin
Midrin	midodrine

Note: Brand names start with an uppercase letter. Some brand names incorporate tall man letters in initial characters and may not be readily recognized as brand names. Brand names appear in black; generic names/other products appear in red.

ISMP List of *Confused Drug Names*

Drug Name	Confused Drug Name
mi FEPRIS tone	mi SOPRO Stol
migalastat	miglustat
miglustat	migalastat
Miralax	Mirapex
Mirapex	Miralax
mi SOPRO Stol	mi FEPRIS tone
mito MY cin	mito XANTRONE
mito XANTRONE	mito MY cin
mito XANTRONE	MTX Patch (lidocaine and menthol)
morphine	HYDRO morphine
morphine - non-concentrated oral liquid	morphine - oral liquid concentrate
morphine - oral liquid concentrate	morphine - non-concentrated oral liquid
Motrin	Neurontin
MS Contin	Oxy CONTIN
MTX Patch (lidocaine and menthol)	methotrexate
MTX Patch (lidocaine and menthol)	mito XANTRONE
Mucinex (guaiFEN esin)	Mucinex Allergy (fexofenadine)
Mucinex	Mucomyst
Mucinex Allergy (fexofenadine)	Mucinex (guaiFEN esin)
Mucinex D	Mucinex DM
Mucinex DM	Mucinex D
Mucomyst	Mucinex
Myleran	Alkeran
Myleran	Leukeran
nalbuphine	naloxone
naloxone	Lanoxin
naloxone	nalbuphine
Narcan	Norcuron
Natru-Vent	Atrovent
Navane	Norvasc
Neo-Synephrine (oxymetazoline)	Neo-Synephrine (phenylephrine)
Neo-Synephrine (phenylephrine)	Neo-Synephrine (oxymetazoline)
neratinib	nilotinib
neratinib	niraparib
Neulasta	Lunesta
Neulasta	Nuedexta
Neulasta	Neumega
Neumega	Neulasta
Neumega	Neupogen
Neupogen	Neumega
Neurontin	Motrin
Neurontin	Noroxin
Neutra-Phos-K	K-Phos Neutral
Nex AVAR	Nex IUM
Nex IUM	Nex AVAR
niCAR dipine	NIFE dipine

Drug Name	Confused Drug Name
niCAR dipine	niMOD ipine
NIFE dipine	niCAR dipine
NIFE dipine	niMOD ipine
nilotinib	neratinib
nilotinib	niraparib
niMOD ipine	niCAR dipine
niMOD ipine	NIFE dipine
niraparib	neratinib
niraparib	nilotinib
Norcuron	Narcan
Normodyne	Norpramin
Noroxin	Neurontin
Norpramin	Normodyne
Norvasc	Navane
Novo LIN	Humu LIN
Novo LIN	Novo LOG
Novo LIN 70/30	Novo LOG Mix 70/30
Novo LOG	Huma LOG
Novo LOG	Novo LIN
Novo LOG Flexpen	Novo LOG Mix 70/30 Flexpen
Novo LOG Mix 70/30 Flexpen	Novo LOG Flexpen
Novo LOG Mix 70/30	Novo LIN 70/30
Nuedexta	Neulasta
nystatin	HMG-CoA reductase inhibitors ("statins")
Occlusal-HP	Ocuflox
Ocuflox	Occlusal-HP
OLAN zapine	QUE tiapine
Omacor	Amicar
omeprazole	fomepizole
opium tincture	paregoric (camphorated tincture of opium)
Oracea	Orencia
Orencia	Oracea
Orgaran	argatroban
Ortho Tri-Cyclen	Ortho Tri-Cyclen LO
Ortho Tri-Cyclen LO	Ortho Tri-Cyclen
Os-Cal	Asacol
oxaprozin	OX carbazepine
OX carbazepine	car BAM azepine
OX carbazepine	oxaprozin
oxybutynin	oxy CODONE
oxy CODONE	HYDRO codone
oxy CODONE	oxybutynin
oxy CODONE	Oxy CONTIN
oxy CODONE	oxy MOR phine
Oxy CONTIN	MS Contin
Oxy CONTIN	oxy CODONE

Note: Brand names start with an uppercase letter. Some brand names incorporate tall man letters in initial characters and may not be readily recognized as brand names. Brand names appear in black; generic names/other products appear in red.

ISMP List of *Confused Drug Names*

Drug Name	Confused Drug Name
Oxy CONTIN	oxy MOR phone
oxy MOR phone	HYDRO morphine
oxy MOR phone	oxy CODONE
oxy MOR phone	Oxy CONTIN
PACL itaxel	DOCE taxel
PACL itaxel	PACL itaxel protein-bound particles
PACL itaxel protein-bound particles	PACL itaxel
Pamelor	Panlor DC
Pamelor	Tambocor
Panlor DC	Pamelor
paregoric (camphorated tincture of opium)	opium tincture
PAR oxetine	DUL oxetine
PAR oxetine	FLU oxetine
PAR oxetine	piroxicam
Patanol	Platinol
Pavulon	Peptavlon
Paxil	Doxil
Paxil	Plavix
Paxil	Taxol
PAZOP anib	PONAT inib
PEME trexed	PRALA trexate
penicillin	penicill AMINE
penicill AMINE	penicillin
Peptavlon	Pavulon
Percocet	Darvocet
Percocet	Procet
perflutren lipid microspheres	influenza virus vaccine
Pexeva	Lexiva
PENT obarbital	PHEN obarbital
PHEN obarbital	PENT obarbital
Pilocar	Dilacor XR
piroxicam	PAR oxetine
Platinol	Patanol
Plavix	Paxil
Plavix	Pradax [Non-US Product]
Plavix	Pradaxa
Plendil	Isordil
pneumococcal 7-valent vaccine	pneumococcal polyvalent vaccine
pneumococcal polyvalent vaccine	pneumococcal 7-valent vaccine
Polycitra	Bicitra
polyethylene glycol	propylene glycol
PONAT inib	PAZOP anib
potassium acetate	sodium acetate
PRALA trexate	PEME trexed
Pradax [Non-US Product]	Plavix
Pradaxa	Plavix

Drug Name	Confused Drug Name
Prandin	Avandia
Precare	Precose
Precose	Precare
predniso LONE	predni SONE
predni SONE	predniso LONE
Prenexa	Ranexa
Pri LOSEC	Pristiq
Pri LOSEC	PRO zac
Priscoline	Apresoline
Pristiq	Pri LOSEC
probenecid	Procanbid
Procan SR	Procanbid
Procanbid	probenecid
Procanbid	Procan SR
Procardia XL	Protain XL
Procet	Percocet
Prograf	Proscar
Prograf	PRO zac
propylene glycol	polyethylene glycol
propylthiouracil	Purinethol
Proscar	Prograf
Proscar	Provera
Protain XL	Procardia XL
protamine	Protonix
proton pump inhibitors	ARIPI prazole
Protonix	Lotronex
Protonix	protamine
Provera	Proscar
Provera	PRO zac
PRO zac	Prograf
PRO zac	Pri LOSEC
PRO zac	Provera
Purinethol	propylthiouracil
Pyridium	pyridoxine
pyridoxine	Pyridium
QUE tiapine	OLANZ apine
qui NID ine	qui NINE
qui NINE	qui NID ine
Qwell	Kwell
RAB eprazole	ARIPI prazole
Ranexa	Prenexa
ra NIT idine	ri MANT Adine
Rapaflo	Rapamune
Rapamune	Rapaflo
rasageline	repaglinide
Razadyne	Rozerem

Note: Brand names start with an uppercase letter. Some brand names incorporate tall man letters in initial characters and may not be readily recognized as brand names. Brand names appear in black; generic names/other products appear in red.

ISMP List of *Confused Drug Names*

Drug Name	Confused Drug Name
Recombivax HB	Comvax
Regranex	Granulex
Reminyl	Amaryl
Reminyl	Robinul
Renagel	Renvela
Renvela	Renagel
repaglinide	rasageline
Reprexain	ZyPREXA
Restoril	RisperDAL
Retrovir	ritonavir
ribavirin	riboflavin
riboflavin	ribavirin
rifabutin	rifapentine
Rifadin	Rifater
Rifamate	rifAMPin
rifAMPin	Rifamate
rifAMPin	rifAXIMin
rifapentine	rifabutin
Rifater	Rifadin
rifAXIMin	rifAMPin
riMANTAdine	raNITIdine
RisperDAL	Restoril
RisperDAL	rOPINIRole
risperiDONE	rOPINIRole
Ritalin	ritodrine
Ritalin LA	Ritalin SR
Ritalin SR	Ritalin LA
ritodrine	Ritalin
ritonavir	Retrovir
Rituxan	Rituxan Hycela
Rituxan Hycela	Rituxan
riTUXimab	inFLIXimab
Robinul	Reminyl
romiDEPsin	romiPLOSstim
romiPLOSstim	romiDEPsin
rOPINIRole	RisperDAL
rOPINIRole	risperiDONE
Roxanol	Roxicet
Roxanol	Roxicodone Intensol
Roxicet	Roxanol
Roxicodone Intensol	Roxanol
Rozerem	Razadyne
Salagen	selegiline
SandIMMUNE	SandoSTATIN
SandoSTATIN	SandIMMUNE
saquinavir	SINEquan

Drug Name	Confused Drug Name
saquinavir (free base)	saquinavir mesylate
saquinavir mesylate	saquinavir (free base)
Sarafem	Serophene
sAXagliptin	SITagliptin
selegiline	Salagen
Serophene	Sarafem
SEROquel	Desyrel
SEROquel	SEROquel XR
SEROquel	Serzone
SEROquel	SINEquan
SEROquel XR	SEROquel
sertraline	cetirizine
sertraline	Soriatane
Serzone	SEROquel
silodosin	sirolimus
Sinemet	Janumet
SINEquan	saquinavir
SINEquan	SEROquel
SINEquan	Singulair
SINEquan	Zeniquin [veterinary drug]
SINEquan	Zonegran
Singulair	SINEquan
sirolimus	silodosin
SITagliptin	sAXagliptin
SITagliptin	SUMatriptan
sodium acetate	potassium acetate
Solu-CORTEF	SOLU-Medrol
SOLU-Medrol	DEPO-Medrol
SOLU-Medrol	Solu-CORTEF
Sonata	Soriatane
SORAFenib	SUNItinib
Soriatane	Loxitane
Soriatane	sertraline
Soriatane	Sonata
sotalol	Sudafed
Spiriva	Apidra
Spiriva	Inspra
stavudine	cetirizine
Sudafed	sotalol
Sudafed	Sudafed PE
Sudafed 12 Hour	Sudafed 12 Hour Pressure + Pain
Sudafed 12 Hour Pressure + Pain	Sudafed 12 Hour
Sudafed PE	Sudafed
SUFentanil	fentaNYL
sulfADIAZINE	sulfaSALazine
sulfADIAZINE	sulfiSOXAZOLE

Note: Brand names start with an uppercase letter. Some brand names incorporate tall man letters in initial characters and may not be readily recognized as brand names. Brand names appear in black; generic names/other products appear in red.

ISMP List of *Confused Drug Names*

Drug Name	Confused Drug Name	Drug Name	Confused Drug Name
sulfa SAL Azine	cefuroxime	Toprol-XL	Topamax
sulfa SAL Azine	sulf ADIAZINE	Toradol	Foradil
sulfi SOXAZOLE	sulf ADIAZINE	Toujeo	Tanzeum
SUM Atriptan	SIT agliptin	Toujeo	Tradjenta
SUM Atriptan	ZOL Mitriptan	Toujeo	Tresiba
SUN itinib	SOR Afenib	Toujeo	Trulicity
Symbyax	Cymbalta	t-PA (Activase)	TNKase
T-Gel	Bio-T-Gel	Tracleer	Tricor
tacrolimus	tamsulosin	Tradjenta	Tanzeum
Tambocor	Pamelor	Tradjenta	Toujeo
tamsulosin	tacrolimus	Tradjenta	Tresiba
Tanzeum	Toujeo	Tradjenta	Trulicity
Tanzeum	Tradjenta	traMADol	traZODone
Tanzeum	Tresiba	trastuzumab	ado-trastuzumab emtansine
Tanzeum	Trulicity	traZODone	traMADol
Tarceva	Tresiba	TREN tal	TEG retol
Taxol	Paxil	Tresiba	Tanzeum
Taxol	Taxotere	Tresiba	Tarceva
Taxotere	Taxol	Tresiba	Toujeo
TEG retol	TEG retol XR	Tresiba	Tradjenta
TEG retol	Tequin	Tresiba	Trulicity
TEG retol	TREN tal	tretinoin	ISO tretinoin
TEG retol XR	TEG retol	Tricor	Tracleer
Tenex	Xanax	tromethamine	Trophamine
Tequin	TEG retol	Trophamine	tromethamine
Tequin	Ticlid	Trulicity	Tanzeum
Testoderm	Testoderm TTS	Trulicity	Toujeo
Testoderm	Testoderm with Adhesive	Trulicity	Tradjenta
Testoderm TTS	Testoderm	Trulicity	Tresiba
Testoderm TTS	Testoderm with Adhesive	tuberculin purified protein derivative (PPD)	influenza virus vaccine
Testoderm with Adhesive	Testoderm	tuberculin purified protein derivative (PPD)	tetanus diphtheria toxoid (Td)
Testoderm with Adhesive	Testoderm TTS	Tylenol	Tylenol PM
tetanus diphtheria toxoid (Td)	tuberculin purified protein derivative (PPD)	Tylenol PM	Tylenol
Thalomid	Thiamine	Ultracet	Duricef
Thiamine	Thalomid	Ultram	lithium
tiaGABine	tiZANidine	valACYclovir	valGANciclovir
Tiazac	Ziac	Valcyte	Valtrex
Ticlid	Tequin	valGANciclovir	valACYclovir
tiZANidine	tiaGABine	Valtrex	Valcyte
TNKase	Activase	Varivax	VZIG (<i>varicella-zoster immune globulin</i>)
TNKase	t-PA (Activase)	vasopressin	desmopressin
Tobradex	Tobrex	Venofer	Vfend
Tobrex	Tobradex	Venofer	Vimpat
TOLAZamide	TOLBUTamide	Vesanoid	Vesicare
TOLBUTamide	TOLAZamide	Vesicare	Vesanoid
Topamax	Toprol-XL	Vesicare	Vessel Care (nutritional supplement)

Note: Brand names start with an uppercase letter. Some brand names incorporate tall man letters in initial characters and may not be readily recognized as brand names. Brand names appear in black; generic names/other products appear in red.

ISMP List of *Confused Drug Names*

Drug Name	Confused Drug Name
Vessel Care (nutritional supplement)	Vesicare
Vexol	Vosol
Vfend	Venofer
Vfend	Vimpat
Viagra	Allegra
Vicodin	Visicol
Videx	Bidex
vigabatrin	dabigatran
Vimpat	Venofer
Vimpat	Vfend
vinBLASTine	vinCRISTine
vinCRISTine	vinBLASTine
Viokase	Viokase 8
Viokase 8	Viokase
Vioxx	Zyvox
Viracept	Viramune
Viramune	Viracept
Viramune (nevirapine)	Viramune (herbal product)
Viramune (herbal product)	Viramune (nevirapine)
Visicol	Vicodin
VisionBlue	methylene blue
Volumen	Voluven
Voluven	Volumen
Vosol	Vexol
VZIG (varicella-zoster immune globulin)	Varivax
Wellbutrin SR	Wellbutrin XL
Wellbutrin XL	Wellbutrin SR
Xanax	Fanapt
Xanax	Tenex
Xanax	Zantac
Xeloda	Xenical
Xenical	Xeloda
Yasmin	Yaz
Yaz	Yasmin
Zantac	Xanax
Zantac	ZyrTEC
Zavesca (escitalopram) [non-US product]	Zavesca (miglustat)
Zavesca (miglustat)	Zavesca (escitalopram) [non-US product]
Zebeta	Diabeta
Zebeta	Zetia
Zegerid	Zestril
Zelapar (Zydis formulation)	ZyPREXA Zydis
Zeniquin [veterinary drug]	SINE quan
Zerit	ZyrTEC
Zestril	Zegerid

Drug Name	Confused Drug Name
Zestril	Zetia
Zestril	ZyPREXA
Zetia	Bextra
Zetia	Zebeta
Zetia	Zestril
Ziac	Tiazac
Zocor	Cozaar
Zocor	ZyrTEC
ZOL mitriptan	SUM Atriptan
zolpidem	Zyloprim
Zonegran	SINE quan
Zostrix	Zovirax
Zovirax	Doribax
Zovirax	Zostrix
Zovirax	Zyvox
Zyban	Diovan
Zyloprim	zolpidem
ZyPREXA	CeleXA
ZyPREXA	Reprexain
ZyPREXA	Zestril
ZyPREXA	ZyrTEC
ZyPREXA Zydis	Zelapar (Zydis formulation)
ZyrTEC	Lipitor
ZyrTEC	Zantac
ZyrTEC	Zerit
ZyrTEC	Zocor
ZyrTEC	ZyPREXA
ZyrTEC	ZyrTEC-D
ZyrTEC (cetirizine)	ZyrTEC Itchy Eye Drops (ketotifen fumarate)
ZyrTEC -D	ZyrTEC
ZyrTEC Itchy Eye Drops (ketotifen fumarate)	ZyrTEC (cetirizine)
Zyvox	Vioxx
Zyvox	Zovirax

Note: Brand names start with an uppercase letter. Some brand names incorporate tall man letters in initial characters and may not be readily recognized as brand names. Brand names appear in black; generic names/other products appear in red.

© ISMP 2019. Permission is granted to reproduce material with proper attribution for internal use within healthcare organizations. Other reproduction is prohibited without written permission from the Institute for Safe Medication Practices (ISMP). Report actual and potential medication or vaccine errors to the ISMP National Medication Errors Reporting Program (ISMP MERP) or ISMP National Vaccine Errors Reporting Program (ISMP VERP) at: www.ismp.org/report-medication-error.