



LR Y-Site Compatibility

NURSE QUICK CROSS-REFERENCE

48 common ED medications | Alphabetized A-Z

Current chart and full evidence: rxtray.com/resources/lr-compatibility

RUNNING LR LINE / Y-SITE ONLY

Does not authorize LR inside the medication bag

If the exact product, concentration, formulation, or contact conditions are uncertain: CHECK PHARMACY

ABSENT DRUG = UNKNOWN, NOT COMPATIBLE

HOW TO READ:

OK Y-SITE OK*

! CHECK FIRST

X DO NOT Y-SITE

*Only when the product and conditions match the cited evidence.

MEDICATION	RUNNING LR LINE
Amikacin	OK Y-SITE OK*
Amiodarone	X DO NOT Y-SITE
Ampicillin	OK Y-SITE OK*
Azithromycin	OK Y-SITE OK*
Aztreonam	OK Y-SITE OK*
Calcium chloride	OK Y-SITE OK*
Calcium gluconate	OK Y-SITE OK*
Cefazolin	OK Y-SITE OK*
Cefepime	! CHECK FIRST
Ceftazidime	OK Y-SITE OK*
Ceftriaxone	X DO NOT Y-SITE
Ciprofloxacin	X DO NOT Y-SITE
Clindamycin	OK Y-SITE OK*
Dexamethasone	OK Y-SITE OK*
Diazepam	X DO NOT Y-SITE
Diphenhydramine	OK Y-SITE OK*
Dobutamine	OK Y-SITE OK*
Dopamine	OK Y-SITE OK*
Epinephrine	OK Y-SITE OK*
Esmolol	OK Y-SITE OK*
Fentanyl	OK Y-SITE OK*
Furosemide	OK Y-SITE OK*
Gentamicin	OK Y-SITE OK*
Heparin	OK Y-SITE OK*

MEDICATION	RUNNING LR LINE
Hydrocortisone	OK Y-SITE OK*
Hydromorphone	OK Y-SITE OK*
Ketamine	X DO NOT Y-SITE
Labetalol	OK Y-SITE OK*
Levofloxacin	! CHECK FIRST
Linezolid	OK Y-SITE OK*
Lorazepam	X DO NOT Y-SITE
Magnesium sulfate	OK Y-SITE OK*
Meropenem	OK Y-SITE OK*
Metoclopramide	OK Y-SITE OK*
Metronidazole	OK Y-SITE OK*
Midazolam	OK Y-SITE OK*
Morphine	OK Y-SITE OK*
Naloxone	OK Y-SITE OK*
Nicardipine	OK Y-SITE OK*
Nitroglycerin	X DO NOT Y-SITE
Norepinephrine	OK Y-SITE OK*
Penicillin G	OK Y-SITE OK*
Phenytoin	X DO NOT Y-SITE
Piperacillin/tazobactam (Zosyn/generics)	! CHECK FIRST
Potassium chloride	OK Y-SITE OK*
Propofol	X DO NOT Y-SITE
Tobramycin	OK Y-SITE OK*
Vancomycin	OK Y-SITE OK*

CEFTRIAXONE - CALCIUM WARNING

Do not run simultaneously with LR by Y-site. Neonatal restrictions are stricter. See full chart before sequential use.

ZOSYN / CEFEPIME / LEVOFLOXACIN

Compatibility depends on the exact formulation, concentration, or contact time. Confirm before connecting.

GREEN DOES NOT MEAN UNIVERSAL

Use only at studied conditions. This chart addresses physical Y-site compatibility, not chemical stability or bag-diluent approval.