

**Rancho Los Amigos National Rehabilitation Center
Intravenous Medication Guidelines During Crisis Conditions**

Medication	IV Infusion by RN Only	IV Push by RN Only	IV infusion by LVN	IVP by LVN
Acyclovir 50 mg/mL	X	IVP not recommended	X	IVP not recommended
Albumin human 5% and 25%	X	IVP not recommended	X	IVP not recommended
Amikacin 250 mg/mL	X	IVP not recommended	X	IVP not recommended
Aminophylline 25 mg/mL	X	IVP not recommended	X	IVP not recommended
Amiodarone 50 mg/mL IVP if pulseless vtach/vfib; 300mg rapid bolus undiluted	X	X		DURING CODE BLUE ONLY
Amphotericin B regular and liposomal	X	IVP not recommended		IVP not recommended
Ampicillin 500 mg/1gm/2gm	X	IVP not recommended	X	IVP not recommended
Unasyn 3g/1.5gm	X	IVP not recommended	X	IVP not recommended
Argatroban 100 mg/mL	X	IVP not recommended		IVP not recommended
Atropine 0.4 mg/mL 1 mg/mL IVP over 1 minute	X	X	X	

All first doses will be administered by an RN; LVNs may administer subsequent doses.

Medication	IV Infusion by RN Only	IV Push by RN Only	IV infusion by LVN	IVP by LVN
Azithromycin 500mg	X	IVP not recommended	X	IVP not recommended
Aztreonam 1gm, 2gm slow IVP over 3-5 minutes	X	X	X	X
Bumetanide 0.25 mg/mL IVP 0.5mg-1mg/1-2 minutes undiluted	X	X	X	X
Calcium chloride 100 mg/mL	X	IVP not recommended		IVP not recommended
Calcium gluconate 100 mg/mL	X	IVP not recommended		IVP not recommended
Cefazolin 2gm, 500mg, 1 gm IVP over 3-5 minutes	X	X	X	X
Cefepime 1gm, 2 gm IVP over 5 minutes	X	X	X	X
Cefotetan 1gm, 2gm IVP over 3-5 minutes	X	X	X	X
Cefoxitin 1gm, 2gm IVP over 3-5 minutes	X	X	X	X
Ceftazidime 1gm, 2gm IVP over 3-5 minutes	X	X	X	X
Ceftriaxone 1gm, 2gm	X	IVP not recommended	X	IVP not recommended

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Medication	IV Infusion by RN Only	IV Push by RN Only	IV infusion by LVN	IVP by LVN
Ciprofloxacin 200, 400mg	X	IVP not recommended	X	IVP not recommended
Clindamycin 150 mg/ml, 300mg, 600, 900mg	X	IVP not recommended	X	IVP not recommended
Colistimethate 150mg IVP over 3-5 minutes	X	X	X	X
Dantrolene 250mg IVP	X	X	X	X
Daptomycin 500mg IVP over 2 minutes	X	X	X	X
Desmopressin 4 mcg/mL	X	IVP not recommended	X	IVP not recommended
Dexmedetomidine 100 mcg/mL	X	IVP not recommended		IVP not recommended
D10W	X	NA	X	NA
D5W, D51/2NS, D5NS, D5KCl, D5LR, D51/2NSKCl	X	NA	X	NA
D50W	NA	X	NA	X
Digoxin 0.25 mg/mL IVP over 5-10 minutes	X	X		

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Medication	IV Infusion by RN Only	IV Push by RN Only	IV infusion by LVN	IVP by LVN
Diltiazem 125 mg/25ml, 5 mg/ml IVP over 2 minutes	X	X		
Diphenhydramine 50 mg/mL IVP undiluted at ≤ 25mg/min over 10-15 minutes	X	X	X	X
Dobutamine 1000 mg	X	IVP not recommended		IVP not recommended
Dopamine 40mg/mL, 800 mg/250ml	X	IVP not recommended		IVP not recommended
Ertapenem 1gm	X	IVP not recommended	X	IVP not recommended
Famotidine 20mg IVP over at least 2 minutes	X	X	X	X
Fluconazole 100mg, 200mg	X	IVP not recommended	X	IVP not recommended
Flumazenil 0.1 mg/ml IVP over 15-30 seconds via a freely running IV infusion into larger vein	X	X	X	X
Fosphenytoin 50 mg/ml	X	IVP not recommended	X	IVP not recommended
Furosemide 10 mg/ml IVP at 20-40 mg/min undiluted	X	X	X	X

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Medication	IV Infusion by RN Only	IV Push by RN Only	IV infusion by LVN	IVP by LVN
Gentamicin 100mg, 40mg/mL, 10 mg/mL (PED), 120 mg/100mL, 60 mg/50mL, 80 mg/50mL	X	IVP not recommended	X	IVP not recommended
Haloperidol 5mg/ml IVP not recommended	X	IVP not recommended		IVP not recommended
Heparin 25000 units IVP over 10 minutes	X	X		
Hydralazine 20 mg/ml slow IVP over 1-2 minutes	X	X		
Immune globulin 10%	X	IVP not recommended	X	IVP not recommended
Lactated ringers	X	NA	X	NA
Keppra 100 mg/ml	X	IVP not recommended	X	IVP not recommended
Levofloxacin 250, 500, 750mg IVP not recommended	X	IVP not recommended	X	IVP not recommended
Linezolid 600mg IVP not recommended	X	IVP not recommended	X	IVP not recommended
Mg sulfate 2gm IVP diluted \leq 150mg/minute	X	X		
Meropenem 500mg, 1000mg IVP over 3-5 minutes (5-20 mL)	X	X	X	X

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Medication	IV Infusion by RN Only	IV Push by RN Only	IV infusion by LVN	IVP by LVN
Metoclopramide 5mg/ml IVP undiluted over 1-2 minutes if ≤10 mg	X	X	X	X
Metronidazole 500mg	X	IVP not recommended	X	IVP not recommended
NaCl 0.9%, NaCl-KCl 10-40mEq in 1000mLs	X	IVP not recommended	X	IVP not recommended
NaCl 0.45%, NaCl-KCl 10-40 mEq in 1000mLs	X	IVP not recommended	X	IVP not recommended
NaCl 3% IVP not recommended	ICU RN ONLY	IVP not recommended		IVP not recommended
Nicardipine 2.5 mg/ml	X	IVP not recommended		IVP not recommended
Nitroglycerin 100mg	X	IVP not recommended		IVP not recommended
Nitroprusside 25 mg/ml IVP not recommended	X	IVP not recommended		IVP not recommended
Norepinephrine 1 mg/ml IVP not recommended	X	IVP not recommended		IVP not recommended
Ondansetron 2 mg/ml IVP over 2-5 minutes undiluted	X	X	X	X
Oxacillin 1gm, 2gm IVP over 10 minutes at max concentration of 100mg/mL	X	X	X	X

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Medication	IV Infusion by RN Only	IV Push by RN Only	IV infusion by LVN	IVP by LVN
Pantoprazole 40mg IVP over 2 minutes at a concentration of 4 mg/mL	X	X	X	X
Penicillin GK IVP not recommended	X	IVP not recommended	X	IVP not recommended
Zosyn 2.25, 3.375, 4.5 IVP not recommended	X	IVP not recommended	X	IVP not recommended
KCl 10, 20, 40 mEq (With K-Rider) IVP not recommended	X	IVP not recommended		IVP not recommended
KPhos 3 mmol/ml IVP not recommended	X	IVP not recommended		IVP not recommended
Prochlorperazine 5mg/ml slow IVP \leq 5mg/min	X	X	X	X
Propofol 10 mg/ml IVP over 20-30 seconds	X	ICU RN ONLY		
Bactrim 80-16 mg/ml IVP not recommended	X	IVP not recommended	X	IVP not recommended
Tigacyl 50mg IVP not recommended	X	IVP not recommended	X	IVP not recommended
Tobramycin 40, 60 mg/ml IVP not recommended	X	IVP not recommended	X	IVP not recommended
Vancomycin 500, 750mg, 1gm IVP not recommended	X	IVP not recommended	X	IVP not recommended
Verapamil 2.5mg/ml slow IVP over at least 2 minutes	X	X		

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