

Drug	Stock solution or Reconstitution instructions	Administration
<b>Aminocaproic acid (EACA)</b> <b>250mg/mL</b>	Not refrigerated	Dilute to 20mg/mL with saline or D5W Give IV over 1 hour  To dilute, draw up desired mg EACA then multiply volume x12.5, dilute to this volume with 0.9% NaCl  Ex: 800mg EACA = 3.2mL 3.2 x 12.5 = 40mL total volume
<b>Ampicillin sulbactam 30mg/mL</b>  (Safe for SQ or IM at 375mg/mL)	1.5g vial: Use 50mL bag of 0.9% NaCl Remove 8mL and add to powder in vial Mix until dissolved Use new needle to remove contents of vial and inject back into the 50mL bag of 0.9% NaCl Mix well  3g vial: Use 100mL bag of 0.9% NaCl Remove 16mL and add to powder in vial Mix until dissolved Use new needle to remove contents of vial and inject back into the 100mL bag of 0.9% NaCl Mix well  Good 72h refrigerated or 8 hours room temp	No further dilution necessary  Give IV over 30 minutes
<b>Cefazolin 100mg/mL</b>  (IM or SQ also safe)	Add 9.4mL sterile water to powder in vial Mix until dissolved  Good 10 days refrigerated or 24h room temp	No further dilution necessary  Give IV slow over 3-5 minutes
<b>Cefovecin 80mg/mL</b>  (SQ only)	Add 10mL sterile water to powder in vial Mix until dissolved  Good 56 days refrigerated; might turn a rust-brown color, this is okay	No further dilution necessary  Give SQ

<b>Cefoxitin 95mg/mL</b>	1g vial Add 10mL sterile water to vial Mix until dissolved  Good 7 days refrigerated or 24h room temp	No further dilution necessary  Give IV over 3-5 minutes
<b>Ceftazidime 100mg/mL</b>	1g vial Add 10mL sterile water to vial Mix until dissolved  Good 7 days refrigerated or 24h room temp	No further dilution necessary  Give IV over 3-5 minutes
<b>Clindamycin 150mg/mL</b>  (IM no dilution needed)	Not refrigerated	Dilute to 15mg/mL Give IV at max rate 1mL/min (60mL/h)  To dilute, draw up desired mg clindamycin then multiply volume x10, dilute to this volume with 0.9% NaCl  Ex: 75mg clindamycin = 0.5mL 0.5 x 10 = 5mL total volume
<b>Doxycycline 10mg/mL</b>	Add 10mL sterile water to powder in vial Mix until fully dissolved  Good 72h refrigerated or 6 hours room temp Protect from light with amber vial or bag Good for 12h once diluted for IV administration	Dilute to 1mg/mL Give IV over 2 hours; protect from light during infusion  Ex: 30mg doxycycline = draw up 3cc of doxycycline 10mg/mL and dilute to 30mL with saline
<b>Enrofloxacin 22.7mg/mL</b>  (IM no dilution needed; do not give SQ)	Not refrigerated  <b>Not compatible</b> with LRS, Plasmalyte A, Normosol R	Dilute to 1mL/kg (this is approx. 1:5 dilution when dosed at 5mg/kg) with 0.9% NaCl  STOP IV fluids, flush line before and after infusion Or give in separate IV catheter  Give IV over 30 minutes

<b>Levetiracetam 100mg/mL</b>	Not refrigerated	Dilute to 10mg/mL Give IV over 15 minutes  To dilute, draw up desired mg levetiracetam then multiply volume x10, dilute to this volume with 0.9% NaCl  Ex: 200mg levetiracetam = 2mL 2 x 10 = 20mL total volume
<b>Metronidazole 5mg/mL</b> IV only	Not refrigerated Protect from light	No further dilution necessary  Give IV over 1 hour
<b>N-Acetylcysteine (NAC) 200mg/mL</b>	Not refrigerated	Dilute to 33mg/mL with D5W Give IV over 20 minutes  To dilute, draw up desired mg NAC then multiply volume x6, dilute to this volume with 0.9% D5W  Ex: 500mg NAC = 2.5mL 2.5 x 6 = 15mL total volume
<b>Pantoprazole 0.8mg/mL</b> IV only, do <b>not</b> give SQ or IM	Use 50mL bag 0.9% NaCl Draw out 10mL from bag and add to vial Mix until dissolved Remove entire contents of vial and add to same 50mL bag of 0.9% NaCl  Good 11 days refrigerated or 24h room temp	No further dilution necessary  Give IV over 15 minutes
<b>Phenobarbital 130mg/mL</b>	Not refrigerated	No dilution needed  Give IV slow over 3-5 minutes

<b>Voriconazole 2mg/mL</b>	Use 100mL bag 0.9% NaCl Remove 19mL from bag and add to powder in vial Mix until dissolved Add entire contents of vial back to 100mL bag of 0.9% NaCl Mix well  Good 15 days refrigerated or 3 days room temp	No further dilution necessary  Give IV over 2 hours
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Last update: Pigott 23 September 2020