

EXTRAVASATION LIST OF IRRITANT DRUGS

| Drug | pH | mOsmol/L | Phlebitis from drug | Antidote |
|---|-----------------|------------------|---------------------|--------------|
| acyclovir | 10.5-11.6 | | yes | |
| amiodarone | 4.1 | | yes | |
| ampicillin | 9 (8 - 10) | | | |
| ceFAZolin | 4.5-7 | | | |
| chlorproMAZINE | 3.4-5.4 | | | |
| ciprofloxacin | 3.3-4.6 | | yes | |
| cloxacillin | 4.5-7.5 | | | |
| co-trimoxazole | 10.0 | | yes | |
| dantrolene | 9.5 | | | |
| deferoxamine | 4 - 6 | | | |
| dexamethasone | 7.5-10.5 | | | |
| dextrose 10% | 4.0 (3 – 6.5) | | | |
| dextrose 5% | 4.0 (3 – 6.5) | | | |
| dextrose 5% NaCl 0.45% | 4.0 (3 – 6.5) | | | |
| dextrose 5% NaCl 0.9% | 4.0 (3 – 6.5) | | | |
| diltiazem | 3.5-4.3 | | | |
| diphenhydrAMINE | 4-6.5 | | yes | |
| DOBUtamine | 3.5 (2.5-5.5) | | yes | phentolamine |
| DOPamine | 3.3 (2.5-4.5) | | yes | phentolamine |
| EPINEPHrine | 2.5 - 5 | | yes | phentolamine |
| flumazenil | 4.0 | | | |
| furosemide | 8 - 9.3 | | | |
| granisetron | 4.7 - 7.3 | | | |
| HYDROmorphone | 4.0-5.5 | | | |
| intravenous immunoglobulins | 4 - 7.2 | | | |
| ketamine | 3.5-5.5 | | | |
| levofloxacin | 3.8-5.8 | | yes | |
| mannitol | 4.5-7 | | yes | |
| meperidine | 3.5 - 6 | | | |
| methotrimeprazine | 3.0 - 5 | | | |
| metoclopramide | 4.5 - 6.5 | | | |
| midazolam | 2.9-3.7 | | | |
| morphine sulfate | 4 (2.5-6.0) | | yes | |
| nitroglycerin | 3-6.5 | | | |
| norephinephrine | 3-4.5 | | | phentolamine |
| octreotide | 3.9 - 4.5 | | | |
| ondansetron | 3.3 - 4 | | | |
| pamidronate | 6 - 7.4 | | yes | |
| pantoprazole | 9.0-10.0 | | | |
| parenteral Nutrition | 5.5 | greater than 600 | yes | |
| PHENobarbital | 9.2-10.2 | | | |
| phenylephrine | 3-6.5 | | yes | |
| phenytoin | 12 | | yes | |
| potassium chloride 20mEq/L in D5W | 4.0 (3 – 6.5) | | yes | |
| potassium chloride 40mEq/L in D5W | 4.0 (3 – 6.5) | | yes | |
| potassium chloride 20mEq/L in D5W/0.45%NaCl | 4.0 (3 – 6.5) | | yes | |
| potassium chloride 40mEq/L in D5W/0.45%NaCl | 4.0 (3 – 6.5) | | yes | |
| potassium chloride 20mEq/L in D5W/0.9%NaCl | 4.5 (3.5 - 6.5) | 601 | yes | |
| potassium chloride 40mEq/L in D5W/0.9%NaCl | 4.5 (3.5 - 6.5) | 641 | yes | |
| prochlorperazine | 4.2 - 6.2 | | | |
| sodium bicarbonate | 8 | | | |
| tobramycin 100 - 250 mg | 3-6.5 | | | |
| vancomycin | 2.5-4.5 | | yes | |
| vasopressin | | | yes | phentolamine |