

## LINE SELECTION MADE INCREDIBLY EASY

**Consider these questions:**

1. What is the patient's diagnosis?
2. What therapy is planned?
3. What is the projected length of therapy?
4. What are the patient's medical conditions?

**Diagnoses and conditions which frequently require a line:**

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| Diabetes<br>Obesity<br>History of IV Drug Abuse<br>Cancer/Chemo<br>Bowel obstruction | Cellulitis<br>MRSA<br>AIDS<br>Urosepsis<br>Pancreatitis | Pneumonia<br>Notoriously bad veins<br>Frequent lab draws<br>Osteomyelitis<br>Crohn's Flare |
|--|---|--|

**Drug considerations**

**Irritant Drugs, cause phlebitis, infiltration**

|   |   |  |   |  |
|---|---|--|---|--|
| Ampicillin sodium<br>Azithromycin<br>Aztreonam<br>Bumetanide<br>Cefazolin | Cefoxitin<br>Ceftazidime<br>Ceftriaxone<br>Cephradine<br>Ciprofloxacin<br>Clindamycin | Diltiazem<br>Erythromycin<br>Flumazenil<br>Ganciclovir<br>Gentamicin<br>Imipenem | Iron dextran<br>Levofloxacin<br>Methicillin<br>Morphine<br>Nafcillin<br>Ofloxacin | Penicillin<br>Potassium > 20<br>Propofol<br>Sulbactam sodium<br>Tobramycin<br>Unasyn |
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**Vesicant Drugs, can necrose tissue if extravasated**

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|---|---|---|---|----------------------------|
| Calcium chloride<br>Calcium gluconate<br>Dactinomycin<br>Dextrose > 10%<br>Diazoxide<br>Diltiazem | Dopamine<br>Dobutamine<br>Esmolol<br>Indomethacin<br>Lorazepam<br>Metronidazole | Midazolam<br>Nitroprusside<br>Norepinephrine<br>Phenergan<br>Phenobarbital<br>Phenytoin | Pipercillin<br>Potassium > 40<br>Promethazine<br>Rifampin<br>Sodium bicarbonate<br>Sulfamethoxazole | TPN<br>Vancomycin<br>Zosyn |
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