



# REGIONAL ADULT PARENTERAL DRUG MONOGRAPH

GENERIC NAME  
**DAPTOmycin**

**Effective Date:** Mar 13 2019

CLASSIFICATION  
**Antibiotic**

OTHER NAMES  
**Cubicin RF®**

PAGE  
1 of 2

**Revised Date:** Nov 2024

**ADMINISTRATION POLICY:**

- IV Intermittent - May be administered by a nurse
- IV Bolus - May be administered by a nurse
- IM/Subcut - *Not recommended*

**RECONSTITUTION/DILUTION/ADMINISTRATION:**

*NOTE: reconstitution and storage instructions are manufacturer specific; verify manufacturer before you begin*

**Available as:** 500 mg vial Sandoz, Dr Reddy’s, Juno or Accord Healthcare: store in refrigerator  
Cubicin RF: store at room temperature

Cubicin RF: Reconstitute 500 mg with 10 mL sterile water for injection using a needle that is 21 gauge or smaller. Final volume: 10 mL Final concentration: 50 mg/mL

Sandoz, Dr Reddy’s, Juno or Accord Healthcare:

Reconstitute 500 mg with 10 mL normal saline. Point needle toward the wall of the vial to prevent excess foaming. Gently swirl the vial until fully reconstituted; this typically takes 5 to 15 minutes. **AVOID VIGOROUS SHAKING TO PREVENT FOAMING.**

Final volume: 10 mL Final concentration: 50 mg/mL

SANDOZ brand only: MINI-BAG PLUS compatible (500 mg vial) in NaCl 0.9%. After reconstitution, gently rotate the vial to ensure product is wet. Allow to sit for approximately 10 minutes at room temperature. Gently swirl the vial until fully reconstituted; this typically takes 5 to 15 minutes. **AVOID VIGOROUS SHAKING TO PREVENT FOAMING**

**IV Bolus:** Administer undiluted over 2 minutes.

**IV intermittent:** Administer over 30 minutes

Dose	Dose Preferred Diluent Volumes Bag size NaCl 0.9%	If Fluids Restricted
500 mg or less	100 mL	25 mL or 50 mL
501 mg to 1150 mg	100 mL	50 mL
1151 mg or greater	250 mL	100 mL

**Maximum rate:** IV intermittent: over 30 minutes  
IV bolus: over 2 minutes

**Maximum concentration:** IV bolus: 50 mg/mL  
IV intermittent: Sandoz, Dr Reddy’s, Juno or Accord Healthcare: 20 mg/mL  
Cubicin RF: 14 mg/mL

**DOSAGE:**

**Usual:** 4 to 8 mg/kg once daily  
**Maximum single dose:** 12 mg/kg



**REGIONAL ADULT PARENTERAL DRUG MONOGRAPH**

GENERIC NAME  
**DAPTOmycin**

<b>Effective Date:</b> Mar 13 2019	CLASSIFICATION <b>Antibiotic</b>	OTHER NAMES <b>Cubicin RF®</b>	PAGE 2 of 2
<b>Revised Date:</b> Nov 2024			

**STABILITY/COMPATIBILITY:**

**Stability of Reconstituted Solution:**  
 Cubicin RF: 24 hours at room temperature  
 Sandoz, Dr Reddy’s, Juno or Accord Healthcare: 12 hours at room temperature

**Stability of Final Admixture:**  
 Cubicin RF: 19 hours at room temperature  
 Sandoz, Dr Reddy’s, Juno or Accord Healthcare: 12 hours at room temperature or 24 hours refrigerated

**Compatibility:** Sandoz, Dr Reddy’s, Juno or Accord Healthcare:  
 Compatible with Ringers lactate and normal saline  
 Incompatible with D5W

Cubicin RF:  
 Compatible with normal saline  
 Unknown compatibility with Ringers lactate  
 Incompatible with D5W

**PRECAUTIONS, POTENTIAL ADVERSE REACTIONS:**

- **Cardiovascular:** hypertension, hypotension, chest pain
- **Dermatologic:** pruritus, rash
- **Gastrointestinal:** abdominal pain, diarrhea, vomiting
- **Musculoskeletal:** rhabdomyolysis
- **Neurologic:** dizziness, headache, insomnia
- **Renal:** renal failure
- **Respiratory:** dyspnea, throat pain, pulmonary eosinophilia
- **Other:** fever

**ADDITIONAL NOTES AND NURSING CONSIDERATIONS:**

- Dosage adjustment may be required in renal and hepatic dysfunction.
- Monitor creatine kinase (CK) at least weekly during therapy; more frequently if current or prior statin therapy, unexplained CK increases and/or renal impairment.