

# Digoxin Toxicity (Digoxin Immune Fab (DigiFab)) [4518]

## Nursing

### Vital signs

[X] Vital signs - T/P/R/BP Routine, Per unit protocol  
q15min during infusion of digoxin immune Fab (DigiBind),  
repeat 30 minutes after the end of the infusion, and every 2  
hours for 24 hours

### Notify

[X] Notify Physician for any signs of anaphylactic/anaphylactoid reactions Routine, Until discontinued, Starting S, e.g., hives, shortness of breath

[X] Notify Physician for vitals: Routine, Until discontinued, Starting S  
Temperature greater than:  
Temperature less than:  
Systolic BP greater than: 180  
Systolic BP less than: 100  
Diastolic BP greater than: 100  
Diastolic BP less than:  
MAP less than:  
Heart rate greater than (BPM): 110  
Heart rate less than (BPM): 60  
Respiratory rate greater than:  
Respiratory rate less than: 10  
SpO2 less than:

## Medications

### Pharmacy Consults

[X] Pharmacy notification: Notification of patient with known or suspected digoxin toxicity Routine, Until discontinued, Starting S  
Specify reason: Notification of patient with known or suspected digoxin toxicity

### Digoxin Immune Fab (DIGIFAB) (Single Response) (Selection Required)

( ) Chronic digoxin toxicity and digoxin serum concentration > 6 ng/mL in adults or hemodynamic instability

Dose calculation: Serum digoxin level (ng/mL) x Patient weight (kg) = Total Digoxin Immune Fab (DigiFab) Vials  
100

Patient Weight (kg)	Serum Digoxin Concentration (ng/mL)						
	1	2	4	8	12	16	20
40	0.5 vials	1 vial	2 vials	3 vials	5 vials	7 vials	8 vials
60	0.5 vials	1 vial	3 vials	5 vials	7 vials	10 vials	12 vials
70	1 vial	2 vials	3 vials	6 vials	9 vials	11 vials	14 vials
80	1 vial	2 vials	3 vials	7 vials	10 vials	13 vials	16 vials
100	1 vial	2 vials	4 vials	8 vials	12 vials	16 vials	20 vials

[ ] digOXIN immune fab (DigiFAB) IVPB intravenous, for 30 Minutes, once, For 1 Doses

( ) Acute digoxin ingestion: Intentional or accidental overdose of known or estimated amount

Dose Calculation: Total digoxin dose (mg) x 0.8 (for tablets) = Total Digoxin Immune Fab (DigiFab) Vials  
0.5

[ ] digOXIN immune fab (DigiFAB) IVPB intravenous, for 30 Minutes, once, For 1 Doses

( ) Acute digoxin ingestion: Unknown ingestion with signs/symptoms of toxicity or hemodynamic instability

[ ] digOXIN immune fab (DigiFAB) IVPB intravenous, for 30 Minutes, once, For 1 Doses

( ) Bolus Injection if cardiac arrest is IMMEDIATE

Bolus injection recommended if cardiac arrest is imminent. Infusion reactions may occur with bolus doses.

Acute digoxin ingestion:

Dose Calculation: Total digoxin dose (mg) x 0.8 (for tablets) = Total Digoxin Immune Fab (DigiFab) Vials  
0.5

Acute digoxin ingestion of unknown amount: 10 vials

Chronic digoxin ingestion:

Dose calculation: Serum digoxin level (ng/mL) x Patient weight (kg) = Total Digoxin Immune Fab (DigiFab) Vials  
100

digOXIN immune fab (DigiFAB) vials intravenous, once, For 1 Doses

### Electrolyte Replacement

For potassium LESS THAN 3.5 mEq/L (Single Response)

potassium chloride (MICRO-K) CR capsule 40 mEq, oral, once, For 1 Doses

potassium chloride IVPB - Central line 20 mEq, intravenous, for 60 Minutes, every 1 hour, For 2 Doses

potassium chloride IVPB - Peripheral line 10 mEq, intravenous, for 60 Minutes, every 1 hour, For 4 Doses

For magnesium LESS than 2mg/dL 2 g, intravenous, once, For 1 Doses

### Management of Adverse Reactions

For ordering by provider if reactions occur

Anaphylactic reactions

diphenhydrAMINE (BENADRYL) injection 25 mg, intravenous, once, For 1 Doses

epINEPHrine (ADRENALIN) 1 mg/1 mL injection 0.3 mg, subcutaneous, once, For 1 Doses

methylPREDNISolone sodium succinate (Solu-MEDROL) injection 125 mg, intravenous, once, For 1 Doses

ondansetron (ZOFTRAN) IV or Oral (Selection Required) **"Or" Linked Panel**

ondansetron ODT (ZOFTRAN-ODT) disintegrating tablet 4 mg, oral, every 8 hours PRN, nausea, vomiting  
Give if patient is able to tolerate oral medication.

ondansetron (ZOFTRAN) 4 mg/2 mL injection 4 mg, intravenous, every 8 hours PRN, nausea, vomiting  
Give if patient is UNable to tolerate oral medication OR if a faster onset of action is required.

## Labs

### Labs - STAT, prior to digoxin immune Fab

Digoxin level STAT For 1 Occurrences  
Prior to digoxin immune Fab

Comprehensive metabolic panel STAT For 1 Occurrences  
prior to digoxin immune Fab

Troponin T STAT For 1 Occurrences  
prior to digoxin immune Fab

Magnesium level STAT For 1 Occurrences  
Prior to digoxin immune Fab

Urine drugs of abuse screen STAT For 1 Occurrences  
prior to digoxin immune Fab

### Labs - Routine

Subsequent digoxin levels after digoxin immune fab (DigiFab) are not recommended.

Comprehensive metabolic panel Every 6 hours For 2 Occurrences

Magnesium level Every 6 hours For 2 Occurrences

## Cardiology

## Cardiology

<input type="checkbox"/> ECG 12 lead	Routine, STAT For 1 Occurrences Clinical Indications: Cardiac Arrhythmia Interpreting Physician:
<input checked="" type="checkbox"/> Telemetry	<b>"And" Linked Panel</b>
<input checked="" type="checkbox"/> Telemetry monitoring	Routine, Continuous Order: Place in Centralized Telemetry Monitor: EKG Monitoring Only (Telemetry Box) Reason for telemetry: Significant arrhythmia Can be off of Telemetry for tests and baths? Yes
<input checked="" type="checkbox"/> Telemetry Additional Setup Information	Routine, Continuous High Heart Rate (BPM): 120 Low Heart Rate(BPM): 50 High PVC's (per minute): 10 High SBP(mmHg): 175 Low SBP(mmHg): 100 High DBP(mmHg): 95 Low DBP(mmHg): 40 Low Mean BP: 60 High Mean BP: 120 Low SPO2(%): 94

## Consults

### Physician Consults

<input type="checkbox"/> Consult Cardiology	Reason for Consult? Patient/Clinical information communicated? Patient/clinical information communicated?
<input type="checkbox"/> Consult Intensive Care	Reason for Consult? Patient/Clinical information communicated? Patient/clinical information communicated?