

## **Cyanokit ® (Hydroxocobalamin)**

### **Protocols:**

1. Cyanide Exposure Supplement Protocol

### **Indications:**

1. Known or suspected cyanide poisoning

### **Contraindications:**

1. Hypersensitivity to hydroxocobalamin or cyanocobalamin
2. Can not be administered in the same line as dopamine or fentanyl

### **Dosing:**

1. A two vial kit with 2.5g of hydroxocobalamin each in powder form which must be reconstituted with 100mL of normal saline each, rotated or tipped for 30 seconds each (not shaken) and then administered through its own IV line (not used with any other medications) over 7.5 minutes each.
2. A one vial kit with 5g of hydroxocobalamin powder which must be reconstituted with 200mL of normal saline, be rotated or tipped for 60 seconds (not shaken) and administered through its own IV line (not used with any other medication) over 15 minutes.
3. The starting dose of hydroxocobalamin for adults is 5g (i.e., two 2.5g vials OR one 5g vial) administered as an intravenous (IV) infusion over 15 minutes.



4. Pediatrics:

#### **TWO VIAL KIT (2.5G/100ML)**

AGE GROUP	AMOUNT	DOSAGE
INFANT / TODDLER (0-2YEARS)	¼ BOTTLE	0.625G
PRESCHOOL (3-5 YEARS)	½ BOTTLE	1.25G
GRADE SCHOOL (6-13 YEARS)	1 BOTTLE	2.5G
ADULT >14YEARS	2 BOTTLES (ENTIRE KIT)	5G

#### **ONE VIAL KIT (5G / 200ML)**

AGE GROUP	AMOUNT	DOSAGE
INFANT / TODDLER (0-2YEARS)	1/8 BOTTLE	0.625G
PRESCHOOL (3-5 YEARS)	¼ BOTTLE	1.25G
GRADE SCHOOL (6-13YEARS)	½ BOTTLE	2.5G
ADULT >14YEARS	1 BOTTLE (ENTIRE KIT)	5G

### **Expected Effects:**

1. Increased blood glucose

### **Side Effects:**

1. Nausea
2. Vomiting
3. Abdominal pain
4. Red colored urine, skin, mucus membranes
5. Rash