

PRESENTATION

Pre-filled syringe containing 300 milligrams amiodarone in 10ml.

INDICATIONS

Ventricular fibrillation (VF) or pulseless ventricular tachycardia (VT) refractory to defibrillating shocks.

ACTIONS

Class 3 antiarrhythmic, lengthens cardiac action potential & therefore effective refractory period and QT interval on ECG.

Blocks potassium channels in cardiac muscle.

Significant sodium channel blocking activity.

CONTRA-INDICATIONS

No other contra-indications in the context of the treatment of cardiac arrest.

SIDE EFFECTS

Bradycardia.

Vasodilatation causing hypotension, flushing.

Bronchospasm.

Arrhythmias – Torsades de pointes.

DOSAGE AND ADMINISTRATION

Route: IV intravenous bolus – single dose (or IO < 7 years)

CONCENTRATION – 300 milligrams in 10ml

AGE	DOSE	VOLUME
Adult	300 milligrams bolus single dose	10.0ml
11 years	177 milligrams bolus single dose	5.9ml
10 years	159 milligrams bolus single dose	5.3ml
9 years	144 milligrams bolus single dose	4.8ml
8 years	129 milligrams bolus single dose	4.3ml
7 years	114 milligrams bolus single dose	3.8ml
6 years	102 milligrams bolus single dose	3.4ml
5 years	93 milligrams bolus single dose	3.1ml
4 years	81 milligrams bolus single dose	2.7ml
3 years	72 milligrams bolus single dose	2.4ml
2 years	60 milligrams bolus single dose	2.0ml
18 months	57 milligrams bolus single dose	1.9ml
12 months	48 milligrams bolus single dose	1.6ml
9 months	45 milligrams bolus single dose	1.5ml
6 months	39 milligrams bolus single dose	1.3ml
3 months	30 milligrams bolus single dose	1.0ml
1 month	21 milligrams bolus single dose	0.70ml
Birth	N/A	N/A

NOTE: Administer into large vein as extravasation can cause burns.

NOTE: NEVER to be given via endotracheal route.