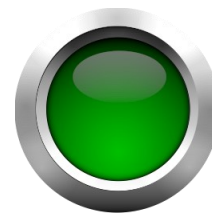


# Calcium chloride SOP

Para - PGD

Further reading

<https://bnf.nice.org.uk/drug/calcium-chloride.html>  
Ionised calcium in trauma transfusion EMJ2016  
GNAAS Calcium chloride PGD



## Indications

- i) Patients who receive prehospital blood products
- ii) Known or suspected severe hyperkalaemia/severe hypocalcaemia (+/- arrest)
- iii) Symptomatic calcium channel blocker overdose (+/- arrest)

## Effects and side-effects

Increases myocardial muscle contractility. Bradycardia, hyper- or hypotension, nausea and vomiting. Extravasation may lead to tissue necrosis.

## Presentation

A clear and colourless solution in pre-filled syringe, containing 10mls of 10% calcium chloride for IV/IO administration

## Administration

**BoB patients:** 5mls (0.1ml/kg in children, max 5mls) of 10% calcium chloride

Give a second dose if >4units are given prehospitally

**Other causes:** 10mls (0.2ml/kg in children, max 10mls) of 10% calcium chloride

## Contraindications

No specific contraindications.

Co-administration with a number of other drugs or with blood products may lead to precipitation of the salt in the line. Give via a dedicated cannula, or with a large saline flush either side.