

# LipidRescue™

## TREATMENT FOR LOCAL ANESTHETIC-INDUCED CARDIAC ARREST

### PLEASE KEEP THIS PROTOCOL ATTACHED TO THE INTRALIPID BAG

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In the event of local anesthetic-induced cardiac arrest that is unresponsive to standard therapy, in addition to standard cardio-pulmonary resuscitation, Intralipid 20% should be given i.v. in the following dose regime:

- Intralipid 20% 1.5 mL/kg over 1 minute
  - Follow immediately with an infusion at a rate of 0.25 mL/kg/min,
  - Continue chest compressions (lipid must circulate)
  - Repeat bolus every 3-5 minutes up to 3 mL/kg total dose until circulation is restored
  - Continue infusion until hemodynamic stability is restored. Increase the rate to 0.5 mL/kg/min if BP declines
  - A maximum total dose of 8 mL/kg is recommended
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*In practice, in resuscitating an adult weighing 70kg:*

- Take a 500ml bag of Intralipid 20% and a 50ml syringe.
  - Draw up 50ml and give stat i.v., X2
  - Then attach the Intralipid bag to an iv administration set (macro drip) and run it i.v over the next 15 minutes
  - Repeat the initial bolus up to twice more – if spontaneous circulation has not returned.
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If you use Intralipid to treat a case of local anaesthetic toxicity, please report it at [www.lipidrescue.org](http://www.lipidrescue.org). Remember to restock the lipid.

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