

LipidRescue™

TREATMENT FOR LOCAL ANAESTHETIC- INDUCED CARDIAC ARREST

PLEASE KEEP THIS PROTOCOL ATTACHED TO THE INTRALIPID BAG

In the event of local anaesthetic-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 haemodynamic 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 X 2*
 - *Then attach the Intralipid bag to a giving set 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 the case at www.lipidrescue.org, and ensure that a new bag of Intralipid replaces what's been used.

Ver: 06/07