

LipidRescue™

TREATMENT FOR LOCAL ANESTHETIC-INDUCED CARDIAC ARREST

PLEASE KEEP THIS PROTOCOL ATTACHED TO THE INTRALIPID BAG

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. Remember to restock the lipid.

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