

ANESTHESIA SERVICES POLICY

Original Date: 10/29/09

Title: LIPID RESCUE PROTOCOL

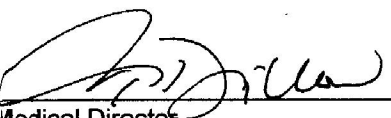
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PURPOSE: To describe the treatment for local anesthetic-induced cardiac arrest.

- I. 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 IV in the following dose regime:
 - A. Intralipid 20% 1.5 mL/kg over 1 minute.
 - B. Follow immediately with an infusion at a rate of 0.25 mL/kg/min.
 - C. Continue chest compressions (lipid must circulate).
 - D. Repeat bolus every 3-5 minutes up to 3 mL/kg total dose until circulation is restored.
 - E. Continue infusion until hemodynamic stability is restored. Increase the rate to 0.5 mL/kg/min if BP declines.
 - F. A maximum total dose of 8 mL/kg is recommended.
- II. In practice, in resuscitating an adult weighing 70 kg:
 - A. Take a 500 ml bag of Intralipid 20% and a 50 ml syringe.
 - B. Draw up 50 ml and give stat IV, X2.
 - C. Then attach the Intralipid bag to an iv administration set (macro drip) and run it IV over the next 15 minutes.
 - D. Repeat the initial bolus up to twice more – if spontaneous circulation has not returned.
- III. Restock the lipid.



Medical Director

12/6/09

Date



Chairperson, Anesthesia Department

12/1/09

Date