

# LMW Heparin Antidote

## Antidote

- Termination of the SQ injection generally will terminate the anticoagulant effect.
- If immediate reversal is required **protamine** sulfate will result in partial neutralization. If the LMW heparin dose has been given within 3-4 hours give **1 mg protamine/1 mg of enoxaparin dose**. If initiating treatment more than 4 hours after last dose given, give 0.5 mg protamine/1 mg of enoxaparin.
- A second dose of **0.5 mg protamine** /1mg of enoxaparin dose may be given if the PTT remains prolonged 2-4 hours after the initial dose.
- Protamine should be given IV over 10 minutes. More rapid infusion may result in hypotension. Patients with hypersensitivity to fish (vertebrate, not shellfish) and those who have received protamine-containing insulin or previous protamine therapy may be at risk of hypersensitivity reactions.

## References:

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Lexi-Drugs Online/Pediatric Lexi-Drugs Online, Enoxaparin, <http://online.lexi.com/crlsql/servlet/crlonline>, Copyright © 1978-2008 Lexi-Comp, Inc, Hudson, OH 44236

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*These guidelines do not establish a standard of care to be followed in every case. It is recognized that each case is different and those individuals involved in providing health care are expected to use their judgment in determining what is in the best interests of the patient based on the circumstances existing at the time. It is impossible to anticipate all possible situations that may exist and to prepare guidelines for each. Accordingly these guidelines should guide care with the understanding that departures from them may be required at times.*

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