

ENOXAPARIN (FOR PAEDIATRIC PATIENTS)

Clexane®

Administration of Partial Doses (Not Equivalent to Full Syringes)

Patient Information Leaflet

This leaflet illustrates the proper method of administering partial doses of Enoxaparin (Clexane®) Injection.

[Please refer to the separate patient information leaflet for general information of Clexane®.](#)

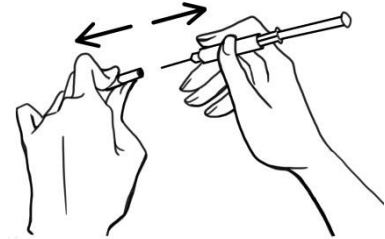
A. For prescribed doses of 10 mg or lower (≤ 10 mg)

Note: Enoxaparin (Clexane®) 20 mg/0.2 mL Injection has been dispensed.

The dose prescribed is _____ mg

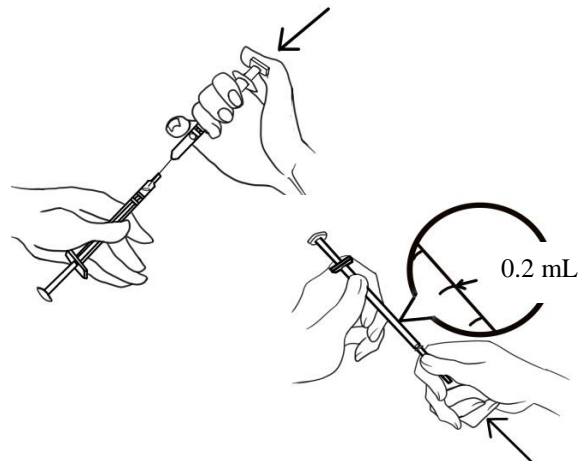
Step 1:

- Remove the needle cap by pulling it straight off the Enoxaparin (Clexane®) 20 mg/0.2 mL Injection.



Step 2:

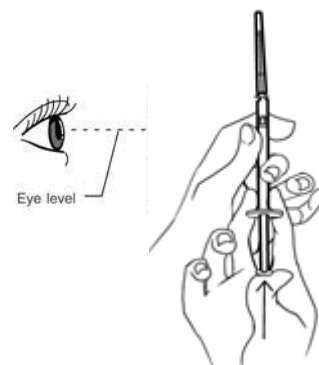
- Take an empty 1 mL syringe (without needle attached) and pull back the plunger until it reaches the 0.2 mL mark.
- Transfer the entire contents of the Enoxaparin (Clexane®) 20mg/0.2 mL Injection into the 1 mL syringe.
- Ensure that the air bubble in the Enoxaparin (Clexane®) syringe is above the liquid level during the transfer.
- Attach the 27G needle onto the 1 mL syringe
- The volume in the syringe should be 0.2 mL.



Step 3:

- Hold the syringe at eye level, with the needle tip pointing upwards and capped.
- Push the syringe plunger slowly and carefully to expel the excess drug until the first black marking reaches the prescribed dose.
(the excess drug may be discarded onto a piece of gauze, tissue paper or into the basin)

Volume to be injected = _____ mL (_____ mg)



Step 4:

- The prescribed dose is now ready to be injected.


SingHealth
Version 1

Last Review: 16/08/2018

Produced by Department of Pharmacy
KK Women's and Children's Hospital

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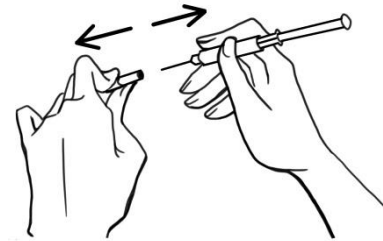
B. For prescribed doses more than 10 mg and less than 20 mg (>10 mg and < 20 mg)

Note: Enoxaparin (Clexane®) 40 mg/0.4 mL Injection has been dispensed.

The dose prescribed is _____ mg

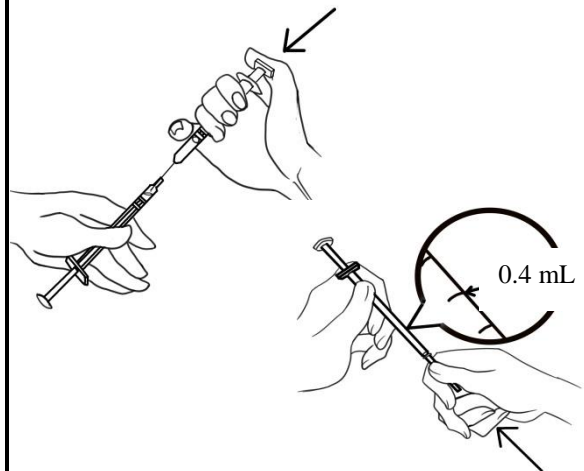
Step 1:

- Remove the needle cap by pulling it straight off the Enoxaparin (Clexane®) 40 mg/0.4 mL Injection.



Step 2:

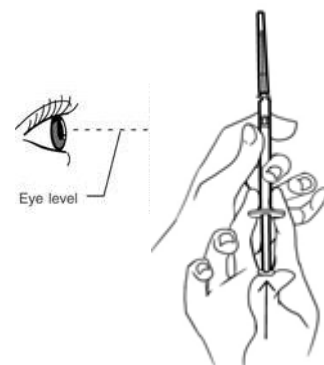
- Take an empty 1 mL syringe (without needle attached) and pull back the plunger until it reaches the 0.4 mL mark.
- Transfer the entire contents of the Enoxaparin (Clexane®) 40mg/0.4 mL Injection into the 1 mL syringe.
- Ensure that the air bubble in the Enoxaparin (Clexane®) syringe is above the liquid level during the transfer.
- The volume in the syringe should be 0.4 mL.



Step 3:

- Hold the syringe at eye level, with the needle tip pointing upwards and capped.
- Push the syringe plunger slowly and carefully to expel the excess drug until the first black marking reaches the prescribed dose.
(the excess drug may be discarded onto a piece of gauze, tissue paper or into the basin)

Volume to be injected = _____ mL (_____ mg)



Step 4:

- The prescribed dose is now ready to be injected.

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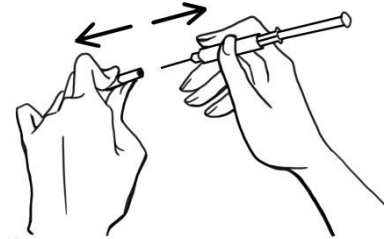
C. For prescribed doses more than 20 mg and less than 60 mg (> 20 mg and < 60 mg)

Note: Enoxaparin (Clexane®) 60 mg/0.6 mL Injection (graduated syringe) has been dispensed.

The dose prescribed is _____ mg

Step 1:

- Remove the needle cap by pulling it straight off the Enoxaparin (Clexane®) 60 mg/0.6 mL Injection.



Step 2:

- Hold the syringe with the needle tip pointing down.
- Ensure that the air bubble in the Enoxaparin (Clexane®) syringe is above the liquid level – **DO NOT** expel the bubble!



Step 3:

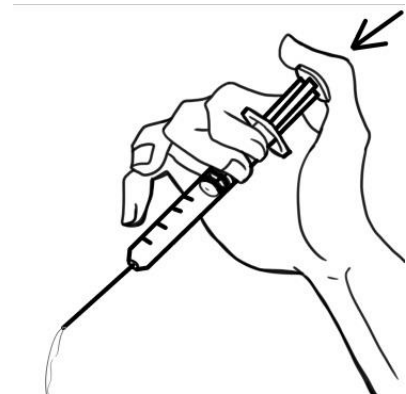
- Depress the plunger so the bottom of the air bubble is level with the marking on the syringe, corresponding to the prescribed dose.
(i.e. squirt out the excess medication so that the correct dose remains in the syringe. The excess drug may be discarded onto a piece of gauze, tissue paper or into the basin)

Volume to be injected = _____ mL (_____ mg)

What do the numbers on the syringe mean?

- 0.1 = 10 mg enoxaparin
- 0.2 = 20 mg enoxaparin
- 0.3 = 30 mg enoxaparin
- 0.4 = 40 mg enoxaparin
- 0.5 = 50 mg enoxaparin
- 0.6 = 60 mg enoxaparin

Each graduation is 0.025mL = 2.5mg



Step 4:

- The prescribed dose is now ready to be injected.


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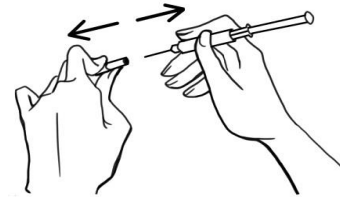
D. For prescribed doses more than 60 mg AND less than or equals 80 mg (> 60 mg and ≤ 80 mg)

Note: One syringe of Enoxaparin (Clexane®) 60 mg/0.6 mL Injection (graduated syringe) and one syringe of Enoxaparin (Clexane®) 40 mg/0.4 mL Injection have been dispensed.

The dose prescribed is _____ mg

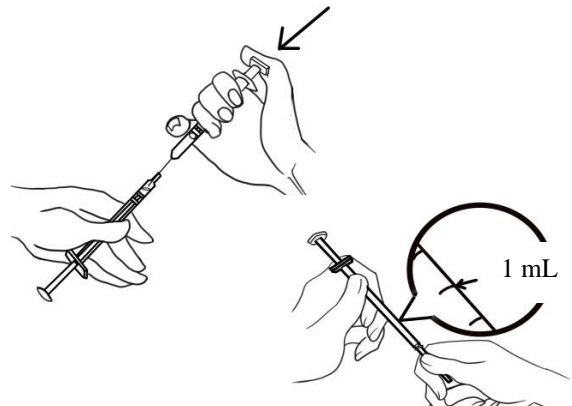
Step 1:

- Remove both the needle caps by pulling them straight off the Enoxaparin (Clexane®) 60 mg/0.6 mL Injection and Enoxaparin (Clexane®) 40 mg/0.4 mL Injection.



Step 2:

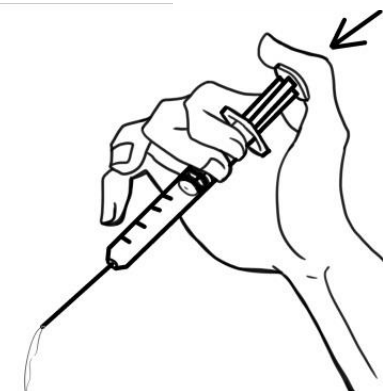
- Take an empty 3 mL syringe (without needle attached) and pull back the plunger until it reaches the 1 mL mark.
- Transfer the entire contents of both of the Enoxaparin (Clexane®) syringes into the 3 mL syringe. Ensure that the air bubble in the Enoxaparin (Clexane®) syringe is above the liquid level during the transfer.
- The volume in the syringe should be 1 mL.



Step 3:

- Hold the syringe at eye level, with the needle tip pointing upwards and capped.
- Push the syringe plunger slowly and carefully to expel the excess drug until the first black marking reaches the prescribed dose.
(the excess drug may be discarded onto a piece of gauze, tissue paper or into the basin)

Volume to be injected = _____ mL (_____ mg)



Step 4:

- The remaining dose is now ready to be injected.


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E. For more than 80 mg AND less than or equals 100 mg (> 80 mg and ≤ 100 mg)

Note: Two syringes of Enoxaparin (Clexane®) 60 mg/0.6 mL Injection (graduated syringe) have been dispensed.

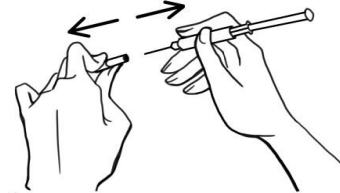
The dose prescribed is _____ mg

Step 1:

- Inject the entire content of **one** syringe of the Enoxaparin (Clexane®) 60 mg/0.6 mL Injection.
- Dose given = 60 mg out of total dose _____ mg. **Balance dose** = _____ mg (refer to following steps).

Step 2:

- Remove the needle cap by pulling it straight off the remaining Enoxaparin (Clexane®) 60 mg/0.6 mL Injection.



Step 3:

- Hold the syringe with the needle tip pointing down.
- Ensure that the air bubble in the Clexane® syringe is above the liquid level – **DO NOT** expel the bubble!



Step 4:

- Depress the plunger so the bottom of the air bubble is level with the marking on the syringe, corresponding to the prescribed dose.
(i.e. squirt out the excess medication so that the correct dose remains in the syringe. The excess drug may be discarded onto a piece of gauze, tissue paper or into the basin)

Remaining volume to be injected = _____ mL (_____ mg)

What do the numbers on the syringe mean?

0.1 = 10 mg enoxaparin

0.2 = 20 mg enoxaparin

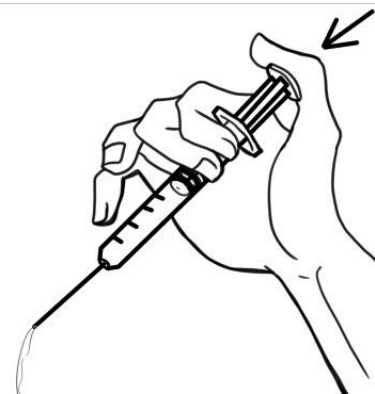
0.3 = 30 mg enoxaparin

0.4 = 40 mg enoxaparin

0.5 = 50 mg enoxaparin

0.6 = 60 mg enoxaparin

Each graduation is 0.025mL = 2.5mg



Step 4:

- The remaining dose is now ready to be injected.


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