

SUBCUTANEOUS ENOXAPARIN ADMINISTRATION GUIDE

FOR NURSES (PAEDIATRIC ONLY)

(For doses ≤ 5 mg)

Dose	Strength of Enoxaparin (Clexane®) Supplied	Quantity Supplied
≤ 5 mg	20 mg/0.2 mL	1 syringe

Step 1:

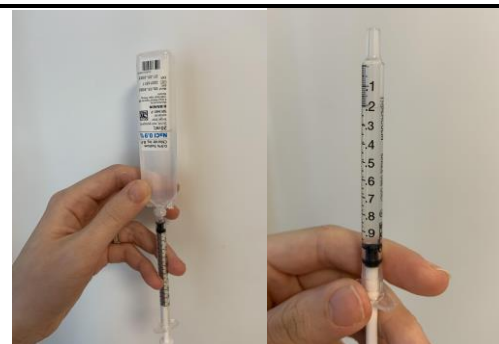
- Using an alcohol swab, swab the NaCl 0.9% for injection (20 mL ampoule).
- Twist the cap of the NaCl 0.9% for injection (20 mL) to open the ampoule.



Ensure that the ampoule surface is swabbed properly with alcohol swab before breaking to prevent contamination

Step 2:

- Take an empty **1 mL** syringe (without needle attached) and draw out **0.8 mL** of NaCl 0.9% for injection.
- Pull back the plunger back until it reaches the 1 mL mark.



Step 3:

- Remove the needle cap of Enoxaparin (Clexane®) Injection by pulling it straight off the syringe.



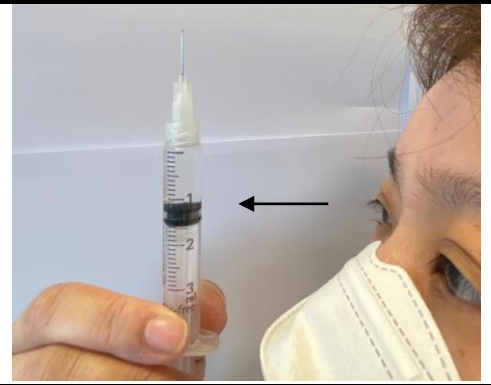
Step 4:

- Transfer the **entire contents** of the Enoxaparin (Clexane®) 20 mg/0.2 mL syringe carefully into the 1 mL syringe
- Ensure that the air bubble in the Enoxaparin (Clexane®) syringe is above the liquid level during the transfer
- The final concentration of Enoxaparin in the diluted syringe is **20 mg/1 mL (= 2 mg/0.1 mL)**.
- Attach the 27G needle onto the 1 mL syringe.
- Cap the syringe and gently invert to mix.



Step 5:

- Calculate the prescribed dose (in mL) based on **2 mg = 0.1 mL**.
- Hold the syringe at eye level, with the needle tip pointing upwards.
- Push the syringe plunger slowly and carefully to expel the excess mixture 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).

**Step 6:**

- The prescribed dose is now ready to be injected.

SUBCUTANEOUS ENOXAPARIN ADMINISTRATION GUIDE

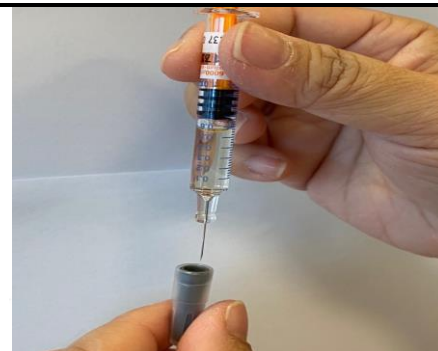
FOR NURSES (PAEDIATRIC ONLY)

(For doses > 5 mg and < 20 mg)

Dose	Strength of Enoxaparin (Clexane®) Supplied	Quantity Supplied
> 5 mg and ≤ 10 mg	20 mg/0.2 mL	1 syringe
> 10 mg and < 20 mg	40 mg/0.4 mL	1 syringe

Step 1:

- Remove the needle cap by pulling it straight off the Enoxaparin (Clexane®) Injection.



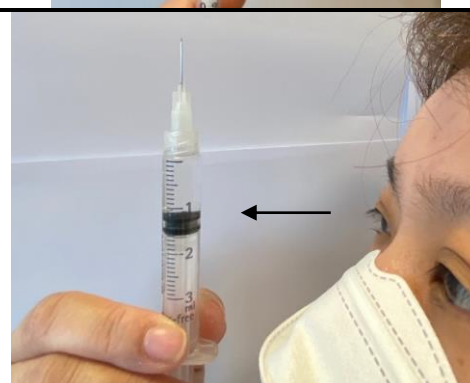
Step 2:

- Take an empty **1 mL** syringe (without needle attached) and pull back the plunger until it reaches the:
 - 0.2 mL mark if using Enoxaparin (Clexane®) 20 mg/0.2 mL
 - 0.4 mL mark if using Enoxaparin (Clexane®) 40 mg/0.4 mL
- Transfer the entire contents of the syringe carefully 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.



Step 3:

- Calculate the prescribed dose (in mL) based on **10 mg = 0.1 mL**.
- Hold the syringe at eye level, with the needle tip pointing upwards.
- 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).



Step 4:

- The prescribed dose is now ready to be injected.

SUBCUTANEOUS ENOXAPARIN ADMINISTRATION

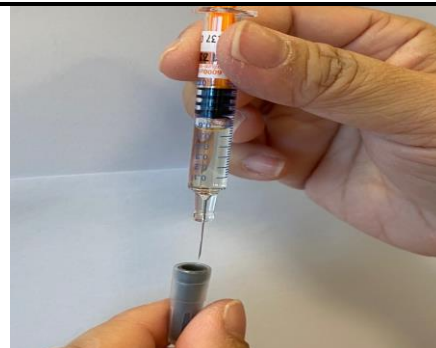
GUIDELINE FOR NURSES (PAEDIATRIC ONLY)

(For doses > 20 mg and < 60 mg)

Dose	Strength of Enoxaparin (Clexane®) Supplied	Quantity Supplied
> 20 mg and < 60 mg	60 mg/0.6 mL	1 syringe

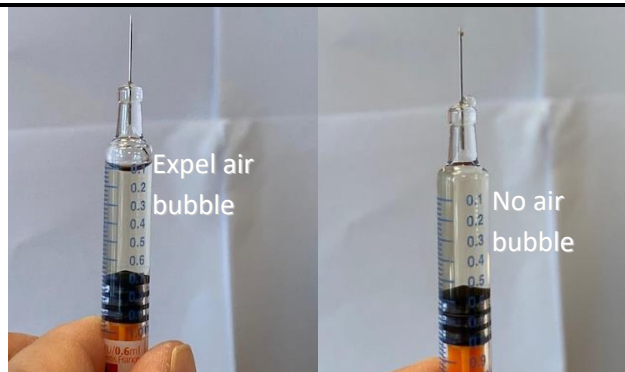
Step 1:

- Remove the needle cap by pulling it straight off the Enoxaparin (Clexane®) Injection.



Step 2:

- Hold the syringe with the needle tip pointing up.
- Expel the air bubble in the Enoxaparin (Clexane®) syringe as shown in the photo



Step 3:

- Calculate the prescribed dose (in mL) based on the table:

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

- Hold the syringe at eye level, with the needle tip pointing upwards. 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).



Step 4:

- The prescribed dose is now ready to be injected.

SUBCUTANEOUS ENOXAPARIN ADMINISTRATION

GUIDELINE FOR NURSES (PAEDIATRIC ONLY)

(For doses > 60 mg to ≤ 80 mg)

Dose	Strength of Enoxaparin (Clexane®) Supplied	Quantity Supplied
> 60 mg to ≤ 80 mg	60 mg/0.6 mL	1 syringe
	40 mg/0.4 mL	1 syringe

Step 1:

- Remove the needle cap by pulling it straight off the Enoxaparin (Clexane®) Injection.



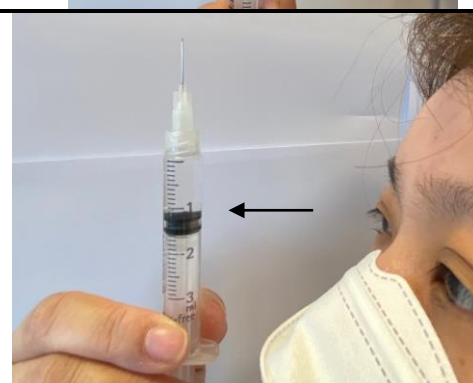
Step 2:

- 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** Enoxaparin (Clexane®) syringes carefully into the empty 3 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 3 mL syringe.



Step 3:

- Calculate the prescribed dose (in mL) based on **10 mg = 0.1 mL**.
- Hold the syringe at eye level, with the needle tip pointing upwards.
- 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).



Step 4:

- The prescribed dose is now ready to be injected.

SUBCUTANEOUS ENOXAPARIN ADMINISTRATION

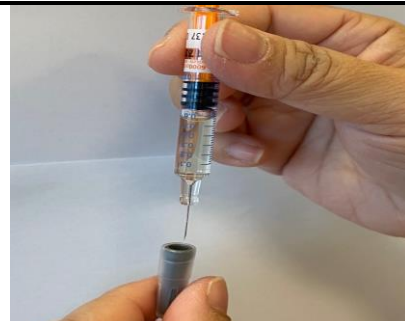
GUIDELINE FOR NURSES (PAEDIATRIC ONLY)

(For doses > 80 mg to ≤ 100 mg)

Dose	Strength of Enoxaparin (Clexane®) Supplied	Quantity Supplied
> 80 mg to ≤ 100 mg	60 mg/0.6 mL	2 syringes

Step 1:

- Remove the needle cap by pulling it straight off the Enoxaparin (Clexane®) Injection.



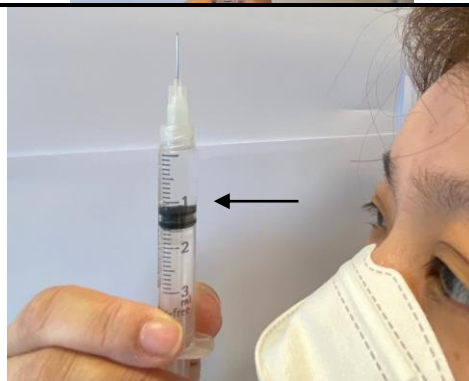
Step 2:

- Take an empty **3 mL** syringe (without needle attached) and pull back the plunger until it reaches the 1.2 mL mark.
- Transfer the entire content of **BOTH** Enoxaparin (Clexane®) syringes carefully into the empty 3 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 3 mL syringe.



Step 3:

- Calculate the prescribed dose (in mL) based on **10 mg = 0.1 mL**.
- Hold the syringe at eye level, with the needle tip pointing upwards.
- 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).



Step 4:

- The remaining dose is now ready to be injected.