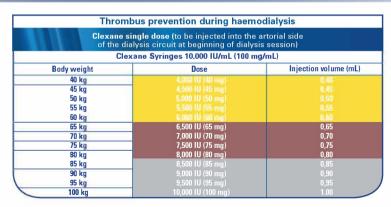
# PREVENTION OF THROMBUS FORMATION IN EXTRACORPOREAL CIRCULATION DURING HAEMODIALYSIS<sup>1</sup>





# TREATMENT OF ACUTE DEEP VEIN THROMBOSIS (DVT) AND PULMONARY EMBOLISM (PE)<sup>1</sup>

Treatment of DVT and PE			
Patient population	Dose	Duration of therapy	
Uncomplicated patients (low risk of VTE recurrence)	150 IU/kg(1.5 mg/kg) SC once daily (see table below)	An average of 10 days Oral anticoagulant therapy should be initiated when appropriate	
Patients with high thromboembolic risk (such as obese, with symptomatic PE, cancer, recurrent VTE or proximal (iliac vein) thrombosis)	100 IU/kg(1 mg/kg) SC twice daily (see table below)	An average of 10 days Oral anticoagulant therapy should be initiated when appropriate	
Patients with active cancer (extended treatment and prevention of its recurrence) (carefully assess the thromboembolic and bleeding risks)	100 IU/kg (1 mg/kg) SC twice daily loading dose, then 150 IU/kg (1.5 mg/kg) SC once daily maintenance dose (see table below)	5-10 days loading, then up to 6 months maintenance The benefit of continuous anticoagulant therapy should be reassessed after 6 months of treatment.	

VTE, venous thromboembolism

Clexane SC once daily dosing 150 IU/kg (1,5 mg/kg)OD					
Clexane syringes 10,000 IU/mL (100 mg/mL)		Clexane syringes 15,000 IU/mL (150 mg/mL)			
Body weight	Dose	Injection volume (mL)	Body weight	Dose	Injection volume (mL)
40 kg	6,000 IU (60 mg)	0.60	70 kg	10,500 IU (105 mg)	0.70
45 kg	6,750 IU (67,5 mg)	0.675	75 kg	11,250 IU (112.5 mg)	0.76
50 kg	7,500 IU (75 mg)	0.75	80 kg	12,000 IU (120 mg)	0.80
55 kg	8,250 IU (82,5 mg)	0.825	85 kg	12,750 IU (127.5 mg)	0.86
60 kg	9,000 IU (90 mg)	0.90	90 kg	13,500 IU (135 mg)	0.90
65 kg	9,750 IU (97.5 mg)	0.975	95 kg	14,250 IU (142.5 mg)	0.96
			100 kg	15,000 IU (150 mg)	1.00

In some cases it is not possible to achieve an exact dose due to the

graduations on the syringe and so some of the volumes recommended in this table have been rounded up to the nearest graduation.

Clexane SC twice daily dosing 100 IU/kg (1 mg/kg)BD					
Clexane syringes 10,000 IU/mL (100 mg/mL)		Clexane syringes 15,000 IU/mL (150 mg/mL)			
Body weight	Dose	Injection volume (mL)	Body weight	Dose	Injection volume (mL)
40 kg	4,000 IU (40 mg)	0.40	105 kg	10,500 IU (105 mg)	0.70
45 kg		0.45	110 kg	11,000 IU (110 mg)	0.74
50 kg		0.50	115 kg	11,500 IU (115 mg)	0.78
55 kg		0.55	120 kg	12,000 IU (120 mg)	0.80
60 kg		0.60	125 kg	12,500 IU (125 mg)	0.84
65 kg	6,500 IU (65 mg)	0.65	130 kg	13,000 IU (130 mg)	0.88
70 kg	7,000 IU (70 mg)	0.70	135 kg	13,500 IU (135 mg)	0.90
75 kg	7,500 IU (75 mg)	0.75	140 kg	14,000 IU (140 mg)	0.94
80 kg	8,000 IU (80 mg)	0.80	145 kg	14,500 IU (145 mg)	0.98
85 kg	8,500 IU (85 mg)	0.85	150 kg	15,000 IU (150 mg)	1.00
90 kg	9,000 IU (90 mg)	0.90			
95 kg	9,500 IU (95 mg)	0.95			
100 kg	10,000 IU (100 mg)	1.00			

# Clexane® dosing in renal impairment Mild (CrCl 50-80 mL/min) No recommended dose adjustment, but careful monitoring is advised Moderate (CrCl 30-50 mL/min) No recommended dose adjustment, but careful monitoring is advised

Estimating creatinine clearence (Cockcroft-Gault equation)<sup>2</sup>

Constant x (140-age) x weight (kg)

Serum creatinine (micromol/L)

Where constant is 1.23 for men and 1.04 for women

Severe (CrCl 15-30 mL/min)		
Indication	Clexane® dosing	
Prophylaxis of DVT and PE	2,000 IU (20 mg) SC once daily	
Treatment of DVT and PE Extended treatment of DVT and PE in active cancer.	100 IU/kg (1 mg/kg) body weight SC once daily	
Treatment of UA and NSTEMI	100 IU/kg (1 mg/kg) body weight SC once daily	
Treatment of acute STEMI(patients < 75 years old)	1x3,000 IU (30 mg) IV bolus plus 100 IU/kg (1mg/kg) body weight SC and then 100 IU/kg (1 mg/kg) body weight SC every 24 hours	
Treatment of acute STEMI (patients >75 years old)	No IV initial bolus, 100 IU/kg (1 mg/kg) body weight SC and then 100 IU/kg (1mg/kg) body weight SC every 24 hours	
End stage renal disease (CrCl <15 mL/min)		

Clexane® is not recommended due to lack of data in this population (outside of the prevention of thrombus formation in extra corporeal circulation during haemodialysis

For healthcare professionals only. 1. Clexane® Summary of Product Characteristics, February 2022.

2. <a href="https://bnf.nice.org.uk/medicines-guidance/prescribing-in-renal-impairment/">https://bnf.nice.org.uk/medicines-guidance/prescribing-in-renal-impairment/</a> Accessed date: June 2024

# SPECIAL WARNINGS & PRECAUTIONS FOR USE<sup>1</sup> Clexane dosing in low body weight and obese

#### **Extremes of body weight** Low weight Obese (Men < 57 kg and women < 45 kg) $(BMI > 30 \text{ kg/m}^2)$ Clinical monitoring advised. Obese patients are at higher risk for thromboembolism. The safety and efficacy An increase in exposure of Clexane® of prophylactic doses in obese patients with prophylactic doses (non-weight adjusted) has been observed in low-weight women has not been fully determined and there is no consensus for dose adjustment. (<45 kg) and low-weight men (<57 kg), These patients should be observed carefully which may lead to a higher risk of bleeding. for signs and symptoms of thromboembolisn Therefore, careful clinical monitoring is advised in these patients.

Please refer to the SPC for further information

#### Contraindications<sup>1</sup>

Hypersensitivity to enoxaparin sodium, heparin or its derivatives, including low molecular weight heparins (LMWH) or any of the excipients. Recent (<100 days) history of immune mediated heparin-induced thrombocytopenia (HIT) or in the presence of circulating antibodies. Active clinically significant bleeding and conditions with a high risk of haemorrhage, including recent haemorrhagic stroke, gastrointestinal ulcer, presence of malignant neoplasm at high risk of bleeding, recent brain, spinal or ophthalmic surgery, known/ suspected oesophageal varices, arteriovenous malformations, vascular aneurysms/ major intraspinal/ intracerebral vascular ahonormalities. Spinal/ epidural/loco-regional anaesthesia when enoxaparin sodium is used for treatment in the previous 24 hrs.



# DOSAGE AND ADMINISTRATION GUIDE

This is intended for healthcare professionals use ONLY and must not be given to patients.

Prescribing information is located at the end of this document. Adverse events should be reported; adverse event reporting information for Clexane® is available on the inside back page

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# **CLEXANE SYRINGES**

# **HOW TO INJECT CLEXANE**



#### CLEXANE is available in two different types of pre-filled syringes.

The needle guard systems between these syringes differ, it is important that you know what syringe you are going to use and the correct technique before injecting your patient with Clexane.

#### **Preventis syringe**



### Release of the safety mechanism when the plunger is depressed

An audiable "click" confirms the activation of the safety mechanism

# **ERIS** syringe



### **HOW TO INJECT CLEXANE**

Note: The instructions outlined below are for a matched fixed dose of Clexane, for instructions on adjusting the dose before injection, please refer to the SPC and PIL



Collect together the items that you will need; syringe, alcohol swab or soap and water, and a sharps container



Look at the label of the syringe and check the expiry date and that it is the correct dose. Do not use if the expiry date has passed. Check the syringe is not damaged and the medicine in it is a clear solution. If not, use another syringe.



Choose an area on either the left or the right side of the patient's abdomen, at least 5 cm away from the umbilicus and out towards the sides - as shown by the dark blue colour.



Check the injection site to see if the last injection caused any redness. change in the skin colour, swelling, oozing or is still painful.



Alternate the site depending where the last injection was administered. The injection should preferably be made when the patient is lying down.



Wash your hands, cleanse the area that you will inject (do not rub the area).



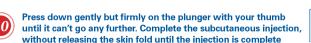
Carefully remove the protective cap. Do not press on the plunger before injecting to get rid of air bubbles as this can lead to a loss of medicine.



Pinch a fold of the skin you are going to inject between your thumb and index finger.



The whole length of the needle should be introduced vertically (at a 90° angle) into the skin fold held between the thumb and index finger.







This step is different between the ERIS and Preventis devices.



#### Follow this step if you are using the ERIS pre-filled syringe.

Remove the needle from the injection site by pulling it straight out. The safety shield will automatically engage as you pull the needle out of the skin and will cover the needle. Please note that the safety system only releases the protective sleeve when the syringe has been emptied by pressing the plunger all the way down. You can now let go of the skin fold.

#### Follow this step if you have the Preventis pre-filled syringe.

Remove the needle from the injection site by pulling it straight out. Face the needle away from you and others, then firmly push the plunger to activate the safety system. The protective sleeve will automatically cover the needle. You will hear an audible "click" to confirm the activation of the protective sleeve. You can now let go of the skin fold.

To avoid bruising, do not rub the injection site after administering the injection.



Dispose of the used syringe into a sharps container and dispose of in accordance with local requirements.



# PROPHYLAXIS OF DEEP VEIN THROMBOSIS (DVT) AND PULMONARY EMBOLISM (PE)<sup>1</sup>

#### **Prophylaxis of DVT and PE** Patient population Dose Duration of therapy 2,000 IU (20 mg) SC once daily A minimal period of 7-10 days whatever the recovery status risk of VTE. (e.g. mobility) and continued Preoperative initiation 2 hours before surgery was proven effective until the patient no longer has significantly reduced mobility Surgical patients at high risk of VTE Extended prophylaxis of up to 5 weeks is recomm orthopaedic surgery and up to 4 weeks for abdominal or pelvic Preferably started 12 hours before surgery surgery for cancer **Medical patients** For at least 6 to 14 days whatever (with an acute illness the recovery status (e.g.mobility for a maximun of 14 days and reduced mobility

Thrombus prevention during haemodialyis					
Patient population	Dose ( to be injected into the arterial side of the dialysis circuit at begining of the dialysis session)	Duration of therapy			
During haemodialysis	100 IU/kg (1 mg/kg) at beginning of dialysis session	Usually single dose sufficient for 4 hour dialysis session			
	For those at high risk of haemorrhage, use a reduced dose:	A further dose of 50-100 IU/kg (0.5-1.0 mg/kg) may be given for a longer dialysis session if fibrin rings are found			
	50 IU/kg (0.5 mg/kg) for double vascular access 75 IU/kg (0.75 mg/kg) for single vascular access				

Please refer to the SPC for dosing in patients with renal impairment. Please refer to the SPC for special warnings and precautions for use in patient with low body weight and patients who are obese. For healthcare professionals only, 1, Clexane® Summary of Product Characteristics, February 2022.

Prescribing Information: Clexane® (enoxaparin sodium) & Clexane® Forte Solution for Injection in pre-filled syringes Please refer to the Summary of Product Characteristics (SmPC) before prescribing circulating antihodies: Use with extreme caution in these patients and only after careful benefit-risk assessment and non-heparin alternative treatments are considered. **Monitoring of platelet counts:** In patients with cancer with a platelet count below 80 g/L,

Summany of Product Anaracteristics (SIM\*-L) benote prescribing Presentations: Clexane® single dose pre-filled syringes containing either: 2,000 IU (20 mg) enoxaparin sodium in 0.2m, 4,000 IU (40 mg) enoxaparin sodium in 0.4 ml, 6,000 IU (60 mg) enoxaparin sodium in 0.6ml, 8,000 IU (80 mg) enoxaparin sodium in 0.6 ml or 10,000 IU (100 mg) enoxaparin sodium in 1 ml. Clexane® Forte single dose pre-filled syringes containing either 12,000 IU (120 mg) enoxaparin sodium in 0.8 ml or 15,000 IU (150 mg) enoxaparin sodium in 1 ml.

Indications: In adults for: prophylaxis of venous thromboembolic disease in moderate and high risk surgical patients, in particular those undergoing orthopaedic or general surgery including cancer surgery; prophylaxis of venous thromboembolic disease in medical patients with an acute illness (such as acute heart failure, respiratory insufficiency, severe infections or rheumatic failure, respiratory insufficiency, severe infections or rheumatic diseases) and reduced mobility at increased risk of venous thromboembolism (VTE); treatment of deep vein thrombosis (DVT) and pulmonary embolism (PE), excluding PE likely to require thrombolytic therapy or surgery, extended treatment of deep vein thrombosis (DVT) and pulmonary embolism (PE) and prevention of its recurrence in patients with active cancer, revention of thrombus formation in extracroprorate circulation during haemocial-visits, reatment of unstable angine and control of the co in combination with oral acetylsalicylic acid; treatment of acute ST-segment elevation myocardial infarction (STEMI) including patients to be managed medically or with subsequent percutaneous coronary intervention (PCI).

percutaneous coronary intervention (PU).

<u>Dosage & Administration;</u> Each pre-filled syringe is for single use only. *Prophylaxis of VTE in Surgical Patients*: With moderate risk of thromboembolism, recommended dose of enoxapam; sodium is 2,000 IU (20 mg) once daily by subcutaneous (SC) injection. Initiation 2 hrs before surgery was proven effective and safe in moderate risk surgery. Treatment should be maintained for at least 7-10 days whatever the recovery status (e.g. mobility) and should be continued until the patient no longer has significantly reduced mobility, in patients at high risk of thromboemholism, the recommended dose of enoxaparin sodium is 4,000 IU 440 mg) note daily by SC Injection preferably started 12 hrs before surgery, Need for earlier than 12 hrs enoxaparin sodium preoperative prophylactic initiation (e.g. high-risk patient waiting for a deferred orthopaedic surgery), the last injection should be administered on later than 12 hrs prior to surgery and resumed 12 hrs after surgery. For patients undergoing major orthopaedic surgery an extended thromboprophylaxis up to 5 weeks is recommended. For patients with high risk of VTE undergoing abdominal or pelvic surgery for cancer, extended thromboprophylaxis up to 4 weeks is recommended. Prophylaxis of VTE in Medical Patients: Recommended Prophylaxis of VTE in Medical Patients: Recommended to see of enoxagarin sodium is 4000 IU. should be continued until the patient no longer has significantly 4 weeks is recommended. Prophylaxis of VIE in Medical Patients: Recommended dose of enoxaparin sodium is 4,000 IU (40 mg) once daily by SC injection. Treatment with enoxaparin sodium is prescribed for at least 6-14 days. Breatment of DVT/PE: 150 IU/kg (1.5mg/kg) administered SC once daily should be used in uncomplicated patients with low risk of VTE recurrence. 100 IU/kg (1.5mg/kg) administered SC once daily should be used in uncomplicated patients with low risk of VTE recurrence. 100 IU/kg (1.5mg/kg) administered SC once to ality should be used in uncomplicated patients with low risk of VTE recurrence. mg/kg) twice daily should be used in all other patients such as those with obesity, symptomatic PE, cancer, recurrent VTE or proxima (vena iliaca) thrombosis. The regimen should be selected based or individual assessment including evaluation of the thromboemboli individual assessment including evaluation of the infolinbentionic risk and risk of bleeding. Enoxaparin sodium treatment is prescribed for an average period of 10 days. Oral anticoagulant therapy should be initiated when appropriate. Extended treatment of DVT and PE be initiated when appropriate. Extended treatment of DVI and PE-and prevention of its recurrence in patients with active cancer: physicians should carefully assess the individual thromboembolic and bleeding risks of the patient. The recommended dose is 100 IU/kg (1 mg/kg) twice daily by SC injection for 5 to 10 days followed by a 150 IU/kg (1.5 mg/kg) once daily SC injection up to 6 months. The benefit of continuous anticagulant therapy should be assessed effect from the forestiment of continuous. should be reassessed after 6 months of treatment. Treatment ( should be reassessed after 6 months of treatment. Treatment of Acute Cornary Syndromes: For treatment of unstable angina and NSTEMI, the recommended dose of enoxaparin sodium is 100 IU/kg (1 mg/kg) every 12 hrs by SC injection administered in combination with antiplatelet therapy. Treatment should be for a minimum of 2 days and until clinical stabilization (usual duration 2 to 8 days). Acetylsaticylia caid recommended for all patients without contraindications at an initial oral loading dose of 150-300 mg (in acetylsaticylia caid-make patients) and an amintenna chose not accept the contraindication of the contraindication of the contraindication at an initial ratio and contraindication of the contraindication and the contraindication of the acetylsalicylic acid-naive patients) and a maintenance dose of 75-25 mg/dg/ long-term. For treatment of acute STEMI, recommended dose of enoxaparin sodium is a single intravenous (IV) bollus of 3,000 IV (30 mg) plus a 100 IU/kg (1 mg/kg) SC dose followed by 100 IU/kg (1 mg/kg) administered SC every 12 hrs (maximum 10,000 IV/kg (1 mg/kg)) administered SC every 12 hrs (maximum 10,000 IV/kg (1 mg/kg)) administered SC every 12 hrs (maximum 10,000 IV/kg (1 mg/kg)) administered SC every 12 hrs (maximum 10,000 IV/kg (1 mg/kg)) administered antipisteric concomitantly unless antipisteric endally should be administered concomitantly unless antipisteric endally should be administered in conjunction with a thrombolytic (fibrin specific or non-fibrin specific), enoxaparin sodium should be given between 15 minutes before and 30 minutes after the start of fibrinolytic therapy. For patients managed with PCI, if the last dose of enoxaparin sodium SC was given less than 8hrs before balloon inflation, no additional dosing needed. If the last SC administration was given more than 8hrs before balloon inflation, no IV bollus of 30 IU/kg (10 mg/kg) enoxaparin sodium inshould be administered. During haemodialysis: 100 IU/kg (1 mg/kg) enoxaparin sodium infrarin sodium front existence in a first patient with high risk of haemorrhage reduce the dose to 50 IU/kg (10 mg/kg) (songle vascular access). (single vascular access)

(single vascular access).

Special Populations: Elderly >75 years of age: For treatment of acute STEMI, an initial It bolus must not be used. Initiate dosing with 75 IU/Kg (0.75 mg/kg) SC every 12 hrs (maximum 7,500) II (75mg) for each of the first 2.5C doses only, followed by 75 IU/Kg (0.75 mg/kg) SC dosing for the remaining doses! Pediatric's Safety and efficacy not established. Benal impairment. Dosage adjustment required for patients with severe remaining doses! Pediatric's Safety and efficiently inhim. More recommended impairment. Circettinine clearance 15-30 ml/timin). Not recommended for patients with end stage renal disease (creatinine clearance <15 mL/min. *Hepatic Impairment* Limited data in this population therefore caution should be used.

therefore caution should be used.

Contraindications: Hypersensitivity to enoxaparin sodium, heparin or its derivatives, including low molecular weight heparins (LMWH) or any of the excipients. Recent (100 days) history of immune mediated heparin-induced thrombocytopenia (HIT) or in the presence of circulating antibodies. Active clinically significant bleeding and conditions with a high risk of haemorrhage, including recent haemorrhagic stroke, gastrointestinal ulcer, presence of malignant neoplasm at high risk of bleeding, recent brain, spinal or ophthalmic surgery, known/ suspected oesophageal varices, arteriovenous audiomations, vascular activities of the management of the managem

counts: In patients with cancer with a platelet count below 80 g/L, anticoaguilation treatment can only be considered on a case-by-case basis and careful monitoring is recommended. There is a risk of artiblody-mediated HIT, which is higher in postoperative patients and mainly after cardiac surgery and in patients with cancer. It is recommended that the platelet counts be measured before the initiation of therapy with enoxaparin sodium and then regularly thereafter during the treatment, or if clinical symptoms suggestive. of HII are experienced. Patients must be aware of the symptoms and told to inform their primary care physician if experienced. If a confirmed significant decrease of the platelet count is observed (30-50 % of the jnitial value), enoxaparin, sodium treatment must (30-30 % of the initial value), enoxaparin sodium treatment must be immediately discontinued, and the patient switched to another non-heparin anticoagulant alternative treatment. **Haemorrhage:** Use with caution in conditions with increased potential for bleeding (e.g. impaired haemostasis, history of peptic ulcer, recent ischemic stroke, severe arterial hypertension, recent diabetic retinopathy, neuro- or ophthalmologic surgery, concomitant use of medications affecting haemostasis). Laboratory tests: Increases in activated partial thromboplastin time (aPTT) and activated clothing time (APT) may occur at higher doses but not linearly correlated with increasing enoxaparin sodium antithrombotic activity. Spinal/enidura anaesthesia or lumbar puncture: must not be performed within 24 hrs of administration of therapeutic doses of enoxaparin sodium; placement or removal of an epidural catheter or lumbar puncture is nest performed when the anticoagulant effect of enoxaparin sodium is low. Skin necrosis and cutaneous vasculitis: have been reported with LMWHs and should lead to prompt treatment discontinuation. Percutaneous coronary revascularization procedures: To minimize the risk of bleeding following the vascular instrumentation during the treatment of unstable angina, NSTEMI and acute STEMI, adhere precisely to the intervals recommended between enoxaparin sodium injection doses. It is important to achieve haemostasis at the puncture site after PCI. In case a closure device is used, the sheath can be removed immediately. If a manual compression method is used, sheath should be removed 6 hours after the last IV. SC enoxpaprin sodium injection. If the treatment with enoxpaprin sodium is to be continued, the next scheduled dose should be given to songer than 6 to 8 hours after sheath removal. The site of the procedure should be observed for signs of bleeding or hematoma formation. Actor intective endocarditis: Use of hepann is usually not recommended in patients with this condition. Mechanical prosthetic heart valves: Enoxpaprin sodium has not been adequately studied for thromboprophylaxis in patients (including in pregnancy) with mechanical prosthetic heart valves. Elderly patients (sepscially > 80 years old); may be at increased risk of bleeding complications at therapeutic doses. Hepatic impairment. Enoxpaprin sodium should be used with caution in these patients. In patients with liver cirrhosis dose adjustment based on monitoring of anti-Xa levels is unreliable and not recommended. Renal impairment: There is an increased risk of bleeding for these patients therefore careful method is used, sheath should be removed 6 hours after the last IV/ is unreliable and not recommended. Renal impairment: There is an increased risk of bleeding for these patients therefore careful clinical monitoring is advised and biological monitoring by anti-Xa activity measurement might be considered. Enoxaparin sodium is not recommended for patients with end stage renal disease. In patients with severe renal impairment (creatinine clearance 15-50 ml/min) a dosage adjustment is recommended for therapeutic and prophylactic dosage ranges. Love body weight patients: are at increased risk of bleeding at prophylactic and treatment dose ranges. Diese patients are at higher risk for thromboembolism however there is no consensus for dose adjustment; these patients so house the patients have the patients are the patients have the nowever there is no consensus for dose adjustment, these patients should be observed carefully. **Hyperkalaemia**: Heparins can suppress adrenal secretion of aldosterone leading to hyperkalaemia, particularly in patients such as those with diabetes mellitus, chronic renal failure, pre-existing metabolic acidosis, taking medicina renal railure, pre-existing interability actiouss, taking interacinal products known to increase potassium; plasma potassium should be monitored regularly especially in patients at risk. *Traceability*, In order to improve the LMWH traceability, it is recommended that health care professionals record the trade name and batch number of the administered product in the patient file. Sodium: For patients receiving doses 210 mg/day, this medicine contains 24 mg sodium, equivalent to 1.2 % of the recommended maximum. 24 mg sodium, equivalent to 1.2 % of the recommended maximum daily intake of sodium for an adult. \*\*Pregnancy and Lactation: Enoxaparin sodium should be used during pregnancy only if the physician has established a clear need. Pregnant women receiving enoxaparin sodium should be carefully monitored for evidence of bleeding or excessive anticoagulation and should be warned of the haemorrhagic risk. If an epidural anaesthesia is planned, it is recommended to withdraw treatment before. is planned, it is recommended to withdraw treatment before. Enoxaparin sodium can be used during breastfeeding, Interactions: Not Recommended: Systemic salicylates, acetylsalicylic acid at anti-inflammatory doses, and NSAIDs including ketrolac. Other thrombotytics and anticoaquiants. Caution: Platelet aggregation inhibitors including acetylsalicylic acid used at anti-aggregation (cardioprotection), clopidogrel, ticlopidine, and glycoprotein lib/lilac antagonists indicated in acute coronary syndrome due to the risk ob bleeding, Dextran 40. Systemic glucocorticoids. Medicinal products ncreasing potassium levels

Adverse Reactions: Very Common: Hepatic enzyme increases (mainly transaminases > 3 times the upper limit of normality). Common: Haemorrhage, haemorrhagic anaemia, thrombocytopenia, thrombocytosis, allergic reaction, headache, urticaria, pruritus, erythema, injection site haematoma / pain / other reaction Isuch as oedema, haemorrhage, hypersensitivity, inflammation, mass, pain, or reaction). *Uncommon:* Hepatocellular liver injury, bullous dermatitis, local irritation, skin necrosis at injection site. Dullous dermatuts, local irritation, sixth necrosis at injection sixte. Raæ: Essinophilia, cases of immuno- allegric thrombocytopenia with thrombosis (in some cases thrombosis was complicated by organ infarction or limb ischaemia), anaphylactic/anaphylactic/anaphylactor reactions including shock, spinal/neuraxial haematoma resulting in varying degrees of neurologic injuries including long-term or permanent paralysis, cholestatic liver injury, alopecia, cutaneous excellibrations and control of the complexity of the control of asculitis, skin necrosis, injection site nodules, osteoporosis vasculitis, skin necrosis, injection site nodules, osteoprosis infoliowing therapy > 3 months, hyperkaleamis, *Mot known*: Acute generalized exanthematous pustuloiss. Please refor to the SPCs for full details. Legal Category: POM. Marketing Authorisation (MA) Numbers: Clexane 2,000U: PA540974; Clexane 4,000U: PA540977; Clexane 8,000 IU: PA540977; Clexane 8,000 IU: PA540977; Clexane 10,000 IU: PA540977; Ma; Holder and PA540977; Clexane Forte 15,000 IU: PA540977; MA Holder and PA540978; Clexane Forte 15,000 IU: PA540977; MA Holder and PA540978; Clexane Forte 15,000 IU: PA540977; MA Holder and PA540978; Clexane Forte 15,000 IU: PA540977; MA Holder and PA540978; Clexane Forte 15,000 IU: PA540977; MA Holder and PA540978; Clexane Forte 15,000 IU: PA540977; MA Holder and PA540978; Clexane Forte 15,000 IU: PA540977; MA Holder and PA540978; Clexane Forte 15,000 IU: PA540977; MA Holder and PA540978; Clexane Forte 15,000 IU: PA540977; MA Holder and PA540978; Clexane Forte 15,000 IU: PA540977; MA Holder and PA540978; Clexane Forte 15,000 IU: PA540977; MA Holder and PA540978; Clexane Forte 15,000 IU: PA540977; MA Holder and PA540978; Clexane Forte 15,000 IU: PA540977; MA Holder and PA540978; Clexane Forte 15,000 IU: PA540977; MA Holder and PA540978; Clexane Forte 15,000 IU: PA540977; MA Holder and PA540978; Clexane Forte 15,000 IU: PA540977; MA Holder and PA540978; Clexane Forte 15,000 IU: PA540977; MA Holder and PA540978; Clexane Forte 15,000 IU: PA540977; MA Holder and PA540978; Clexane Forte 15,000 IU: PA540977; MA Holder and PA540978; Clexane Forte 15,000 IU: PA540977; MA Holder and PA540978; Clexane Forte 15,000 IU: PA540977; MA Holder and PA540978; Clexane Forte 15,000 IU: PA540977; MA Holder and PA540978; Clexane Forte 15,000 IU: PA540977; MA Holder and PA540978; Clexane Forte 15,000 IU: PA540977; MA Holder and PA540978; Clexane Forte 15,000 IU: PA540977; MA Holder and PA540978; MA Holder and PA5409 "APAUJYJR", LleXane; Forte 15,000 II "APAUJYJR", MA Holder and urther information is available on request from: Sanofi Ireland t.d., 18 Riverwalk, Citywest Business Campus, Dublin 24 or contact Emedindowsanofi.com Tel: 01 403 5600. Date of Preparation: February 2022 Document no. MAT-IE-2200013 (v1.0)

Adverse events should be reported. Reporting forms www.hpra.ie: E-mail: medsafetv@hpra.ie Adverse events can also be reported to Sanofi Ireland Ltd. Tel: 01 403 5600. Alternatively, send via Email to IEPharmacovigilance@sanofi.com

MAT-IE-2200326 (v2.0) | September 2022