





### 27 Rivaroxaban (Primary care)

Rivaroxaban:

Rivaroxaban can be used for the acute management of DVT, Enoxaparin treatment is not required

Rivaroxaban

team

Review by specialist

- exclude patients with moderate-severe renal impairment (i.e. CrCl <50 ml/min) - recommend discussion with Haematology in this group
- use with caution in patients with abnormal LFTs Rivaroxaban has been associated with raised transaminases

Starting treatment:

- when DVT confirmed
- commence Rivaroxaban at 15mg oral twice daily for the first 3 weeks, then reduce dose to
  - o Rivaroxaban 20mg oral once daily

Useful information for patients:

Rivaroxaban (Xarelto) patient Information

### 28 Rivaroxaban Precautions (Red flag)

- a recent creatinine and CrCl should be obtained prior to commencing rivaroxaban
- if CrCl <50ml/min, Rivaroxaban should not be used consult with Haematology
- use with caution in patients with abnormal liver function (recent test required) – raised transaminases have been reported with rivaroxaban
- assess other risk factors such as falls risk
- NB: there is no reversal agent available for rivaroxaban

A referral to Haematology is required to initiate a follow up appointment in the Thrombosis Clinic for all patients commenced on Rivaroxaban to determine the duration of therapy.

Disclaimer: This flowchart is a guide only. Professional judgement should be used in all instances.

Date of Publication: June 2018 Filename: A3 DVT Poster for POAC sites v1.1

# 29 Warfarin (Primary care)

Enoxaparin (Clexane)/Warfarin Pack:

Enoxaparin (Clexane) information - NZ Formulary The patient has a confirmed deep vein thrombosis (DVT) and needs anticoagulant therapy. Assess the patient's suitability for anticoagulation.

Risk factors

Practice Team titration

Review by specialist

Dabigatran

team

Review by specialist

Precautions

### **Considerations:**

Warfarin

Precautions

GPT AND

Haematology titration

Review by specialist

- if a patient weighs more than 100Kg we recommend clexane 1mg/kg bd up to a max of 150mg bd
- for a patient over 150kg we recommend 150mg bd OR
  - o discuss with on-call Haematologist
- if the patient has renal impairment (CrCl <30ml/min), commence Enoxaparin (Clexane) 1mg/kg - use the Cockcroft Gault Score calculator to determine correct dosage

### Starting anticoagulant therapy

Advise the patient on how to start treatment. The standardised starter pack contains 8 doses of Enoxaparin (Clexane) (the patient will be given the correct dose based on their weight) and 100 x 1mg Warfarin tablets.

Timing of oral anticoagulant therapy:

- treatment should be taken at the same time each day
- evening dosing preferred as the INR should be measured 16 hours after a dose of Warfarin (i.e. the following morning)

### **Useful information for patients:**

- Day 4 INR Instructions
- Herbal Medicines & Warfarin
- Warfarin patient information brochure
- Patient administration guide Enoxaparin (Clexane)

### 30 Risk factors (Red flag)

Patients with any of the following risk factors may be particularly sensitive to warfarin or may have an increased risk of bleeding. In these patients, consult with Haematology:

- frail elderly
- baseline INR >1.5
- albumin <30mg/L
- PCV < 0.3
- bilirubin >20µmol/L
- creatinine >200µmol/L
- platelets <50x109 / L - active malignancy
- gastrointestinal bleed
- recent stroke
- uncontrolled CHF - major surgery <14 days
- alcoholism - severe hypertension

## 31 Dabigatran (Primary care)

Dabigatran information - NZ Formulary - never use Dabigatran and Enoxaparin (Clexane) at the same time - Dabigatran to start

It is important that the person receives 5 doses of therapeutic Enoxaparin (Clexane) 1.5mg/kg (adjust for renal impairment) for 5 days **PRIOR** to commencing the Dabigatran:

- if a patient weighs more than 100Kg we recommend clexane 1mg/kg bd up to a max of 150mg bd
- for a patient over 150kg we recommend 150mg bd Exclude patients with moderate-severe renal impairment (i.e. CrCl <50 ml/min):
- consultation with Haematology is recommended with this Dabigatran 150mg bd is the recommended dosage for a person

with confirmed DVT (110mg bd dose is not appropriate for DVT treatment).

Patients with adequate renal function (CrCl >50 ml/min) should be treated with a daily dose of 300 mg taken orally as 150 mg capsules twice daily.

### Starting anticoagulant therapy

Advise the patient on how to start treatment. The standardised starter pack contains only 5 doses of Enoxaparin (Clexane) (1.5mg/ kg s/c daily) alongside a script for Dabigatran (as per NZ Formulary).

- Patient **ONLY** to commence Dabigatran once Enoxaparin (Clexane) treatment has finished.
- The first dose of Dabigatran should be given 24 hours after the 5th dose of Enoxaparin (Clexane).

If there are any concerns regarding patient therapy consult with Haematology.

### **Useful information for patients:**

• Dabigatran patient information

### 32 Precautions (Red flag)

Use in caution in persons >75 years. A creatinine and CrCl should be obtained prior to commencing the Dabigatran. If CrCl <50ml/ min Dabigatran should not be used.

A referral to Haematology is required to initiate a follow up appointment in the Thrombosis Clinic for all patients commenced on Dabigatran to determine the duration of therapy.

Assess other risk factors such as falls risk.