

# VTE Prophylaxis Options for Surgery

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Prophylaxis recommendations are based on selected surgical procedures from the 2008 American College of Chest Physicians guidelines. Applicable to discharges 01/01/12 (1Q12) through 06/30/12 (2Q12)

## Intracranial Neurosurgery

Any of the following:

- Intermittent pneumatic compression devices (IPC) with or without graduated compression stockings (GCS)
- Low-dose unfractionated heparin (LDUH)
- Low molecular weight heparin (LMWH)\*\*
- LDUH or LMWH\*\* combined with IPC or GCS

## General Surgery

Any of the following:

- Low-dose unfractionated heparin (LDUH)
- Low molecular weight heparin (LMWH)
- Factor Xa Inhibitor
- LDUH or LMWH or Factor Xa Inhibitor combined with IPC or GCS

## General Surgery with reason for not administering pharmacological prophylaxis

Any of the following:

- Graduated compression stockings (GCS)
- Intermittent pneumatic compression devices (IPC)

## Gynecologic Surgery

Any of the following:

- Low-dose unfractionated heparin (LDUH)
- Low molecular weight heparin (LMWH)
- Factor Xa Inhibitor
- Intermittent pneumatic compression devices (IPC)
- LDUH or LMWH or Factor Xa Inhibitor combined with IPC or GCS

## Elective Total Hip Replacement with a reason for not administering pharmacological prophylaxis

Any of the following:

- Intermittent pneumatic compression devices (IPC)
- Venous foot pump (VFP)

## Elective Total Hip Replacement

Any of the following started within 24 hours of surgery:

- Low molecular weight heparin (LMWH)
- Factor Xa Inhibitor
- Oral Factor Xa Inhibitor\*\*\*
- Warfarin

## Elective Total Knee Replacement

Any of the following:

- Low molecular weight heparin (LMWH)
- Factor Xa Inhibitor
- Oral Factor Xa Inhibitor\*\*\*
- Warfarin
- Intermittent pneumatic compression devices (IPC)
- Venous foot pump (VFP)

## Hip Fracture Surgery

Any of the following:

- Low-dose unfractionated heparin (LDUH)
- Low molecular weight heparin (LMWH)
- Factor Xa Inhibitor
- Warfarin

## Hip Fracture Surgery with a reason for not administering pharmacological prophylaxis

Any of the following:

- Graduated compression stockings (GCS)
- Intermittent pneumatic compression devices (IPC)
- Venous foot pump (VFP)

## Urologic Surgery

Any of the following:

- Low-dose unfractionated heparin (LDUH)
- Low molecular weight heparin (LMWH)
- Factor Xa Inhibitor
- Intermittent pneumatic compression devices (IPC)
- Graduated compression stockings (GCS)
- LDUH or LMWH or Factor Xa Inhibitor combined with IPC or GCS

\* Patients who received neuraxial anesthesia or have a documented reason for not administering pharmacological prophylaxis may pass the performance measure if either appropriate pharmacological or mechanical prophylaxis is ordered.

\*\* Current guidelines recommend postoperative low molecular weight heparin for intracranial neurosurgery.

\*\*\* The U.S. Food and Drug Administration has approved Xarelto (rivaroxaban) to reduce the risk of blood clots, deep vein thrombosis (DVT) and pulmonary embolism (PE) following knee or hip replacement surgery ONLY.