

PefacloTM UFH

The smart way
of monitoring UFH



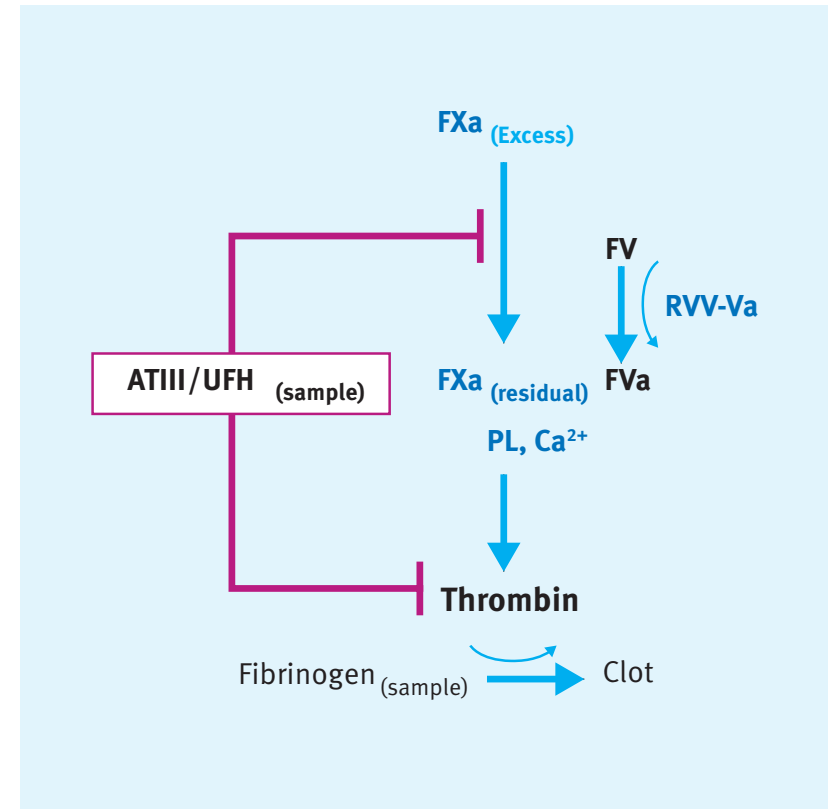
Monitoring of UFH is essential

Careful monitoring of UFH is indispensable especially:

- in multi-morbid patients with impaired organ function
- in the induction phase or for dose adjustment to remain within the patient therapeutic range
- after surgical procedures or in acute events, for dose adjustment when necessary
- when other drugs with impact on haemostasis (e.g. oral anticoagulants) are present at the same time

Principle of Pefaclot UFH™

- Pefaclot™ UFH relies on the activation of plasma directly at the level of the prothrombinase complex, resulting in a fine-tuned analytical output directly proportional to antithrombotic drug content.
- Due to the pre-activation of FV by RVV-V, the prothrombinase complex formation becomes solely dependent on the activity of FXa and FIIa in the sample.
- Clotting time in seconds is directly reported like in the aPTT.



Shorter turnaround time

Due to good repeatability and lot-to-lot reproducibility, fewer measurements are needed to obtain a reliable result for adequate UFH dosage



Reduced number of venipunctures

UFH administration monitored with Pefaclot™ UFH needs less blood samples.

Compared to aPTT or the combination of aPTT and anti-Xa, Pefaclot™ UFH is faster and requires less venipunctures.



Shorter time for lab technicians

Reference ranges (in seconds) established for Pefaclot™ UFH are very robust.

For new batches of Pefaclot UFH, it is only necessary to confirm the established ranges by use of the controls.

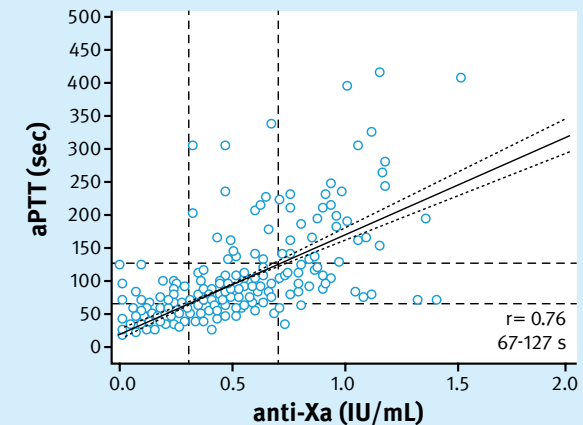
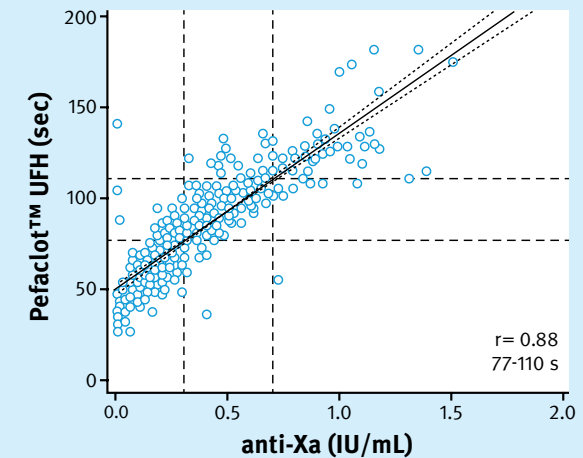
No need to establish a new reference range for each batch.



Reduced risk for patients

The measuring range of Pefaclot™ UFH is broad and provides accurate results even in concentrations up to 1.1 IU/mL.

This allows a more precise dosage of UFH and thus potentially reduces the bleeding risk for patients.



Save cost for hospital labs

No determination of new reference ranges required when changing reagent batches.

Short turnaround time and less testing due to excellent repeatability.

No set-up of calibration curve required.



Pefaclot™ UFH – The smart way of monitoring UFH

- Pefaclot™ UFH is a clotting assay that can be applied to all major routine analyzers (e.g. from Instrumentation Laboratory, Siemens, Stago, Sysmex)
- 120 tests/kit (3 vials x 40 tests)
- CE marked
- Good stability at room temperature and in frozen conditions



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