

# Sample collection for TEG/ROTEM – Factsheet 1

## **Area of Application**

Correct sample collection is vital for the operation of the devices.

## **Staff**

All staff who have the responsibility for operating the device.

## **Procedure:**

Both devices are able to use 'whole' blood as well as citrated samples. The disadvantage of using 'whole' blood is that it will quickly coagulate and so has to be used as soon as it has been collected (or within a few minutes).

## **TEG device**

If a whole blood sample is to be collected, a syringe should be used so that the collected blood can be easily dispensed into the kaolin tube.

If a citrated sample is to be collected, the sample should be collected using the normal phlebotomy procedure. Haemonetics recommend that these samples should be allowed to stand for a minimum of 30 minutes before being used in the device.

## **ROTEM device**

Most users of this device collect citrated samples for the analysis. Once collected, the sample can remain in the warming area for a few hours prior to testing or tested immediately.