

**Topic title:** The ROTEM Delta point-of-care analyser (and other alternative technologies identified during scoping) to assist with detecting, managing and monitoring haemostasis during and after surgery (*provisional title*).

**Topic description:**

The ROTEM Delta is a point-of-care analyser used to assist with detecting, managing and monitoring haemostasis (the arrest of bleeding), during and after surgery associated with high blood loss. The device uses thromboelastometry, which is a method for testing multiple risk factors related to haemostasis, including initial clotting, platelet interaction and fibrinolysis in a sample of whole blood. ROTEM Delta is intended for use during surgery to identify the probable cause of intraoperative bleeding by discriminating between poor platelet function and poor clotting. The results allow the clinician to select the correct therapy. It is also used in the immediate post-operative period to help control haemostasis and allows the clinician to determine whether bleeding is a result of a coagulopathy or a surgical bleed.