

Thrombotrack™ Fact Sheet



What is Thrombotrack™?

Thrombotrack™ is a small, easy to use coagulometer that can be used to measure the International Normalised Ratio (INR) of patients taking oral anticoagulation therapy (OAT) for conditions including deep vein thrombosis (DVT) and atrial fibrillation.

How does Thrombotrack™ work?

A small cup, called a cuvette, containing a steel ball is placed in the Thrombotrack™ instrument. Thrombotest™ reagent is then added to the cuvette, followed by a capillary or venous blood sample from the patient. A magnet located beneath the cuvette causes the steel ball to rotate and a sensor monitors this rotation. Once the blood clots, the ball will either stop or divert towards the middle of the cuvette. The sensor signals this change and the patient's INR result is displayed. This method is very similar to the one used in hospital laboratories.

What conditions can be monitored with Thrombotrack™?

Thrombotrack™ can be used to monitor patients on oral anticoagulation therapy, for example warfarin. OAT is prescribed to patients at high risk of blood clots including those with atrial fibrillation, DVT and thrombophilia.

What are the patient benefits of using Thrombotrack™?

By processing venous or capillary samples at the point of care, Thrombotrack™ eliminates the need for time consuming laboratory testing and hospital visits. This provides a range of benefits to both patients and PCTs. With immediate test results, healthcare professionals are able to calculate medication in line with requirements, making it easier to stabilise patients and discuss any concerns they may have. Testing at the point of care eliminates the need for patients to attend hospital outpatient clinics for routine testing, reducing anxiety levels and inconvenience for patients, whilst ensuring patients and healthcare professionals are aware of dangerous 'out of range' results.

What sort of return on investment can be expected from using Thrombotrack™?

For the management of patients taking medicines like warfarin, the first visit to a hospital outpatient department would cost £293¹, with subsequent appointments tariffed at £95¹ per visit. In comparison, an INR test performed on a Thrombotrack™ typically costs just £1.00. Currently, over a million tests per year are performed on Thrombotrack™ instruments in the UK.

About Axis-Shield UK

Axis-Shield UK is part of the Axis-Shield Group which develops, manufactures and distributes high quality, in-vitro diagnostic testing technologies that help improve healthcare and patient management. The company has a range of proprietary technologies and runs an active programme of development for new products that can be utilised across clinical laboratories, in hospitals or by Primary Care Trusts (PCT). The organisation manufactures key devices including Afinion™ and Thrombotrack™ and works with medical company Abbott to distribute i-STAT® - a unique handheld analyser.

At the point-of-care (in hospitals or in the community), Axis-Shield's novel, branded products can be used for the early, rapid and differential diagnosis and treatment of patients while they are present – ultimately speeding treatment times and helping to improve lives.

¹ Reference: http://www.dh.gov.uk/en/Publicationsandstatistics/Publications/PublicationsPolicyAndGuidance/DH_081096

For a free demonstration and to discuss your individual requirements, please contact Axis-Shield UK on 01480 862100, email info@axis-shielduk.com or visit www.axis-shielduk.com