

Managing anticoagulant therapies using innovative thrombin generation assays

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Managing anticoagulant therapies using innovative thrombin generation assays

1. Whole blood calibrated automated thrombinography (CAT) can predict a bleeding phenotype in patients taking vitamin K antagonists. (*this thesis*)
2. The variation in the pharmacodynamic effect of direct inhibitors is not smaller than that of indirect inhibitors. (*this thesis*)
3. The addition of thrombomodulin to the thrombin generation test gives a better representation of the in vivo state of the coagulation system. (*this thesis*)
4. Currently no good laboratory test is available to measure the effect of all anticoagulants and antithrombotics. (*this thesis*)
5. The more thrombin the less bleeding but the more thrombosis, the less thrombin the less thrombosis but the more bleeding.
Hemker H.C. Curr Opin Hematol, 2004: 170-5.
6. The 'holy grail' for antithrombotic therapy – a drug that will prevent thrombosis without a bleeding risk- has yet to be found.
Mackman N. Nature, 2008: 914-8.
7. Bariatric surgery prevents atrial fibrillation in obese patients.
Yuan H et al. HRS meeting, 2014
8. Dark chocolate improves walking in patients with peripheral artery disease.
Loffredo L. et al. J Am Heart Assoc, 2014: e001072.
9. Be careful about reading health books. You might die of a misprint.
Twain M.
10. I don't know the key to success, but the key to failure is trying to please everyone.
Cosby B.
11. If we knew what it was we were doing, it would not be called research, would it?
Einstein A.

Saartje Bloemen
Maastricht, 19 december 2014