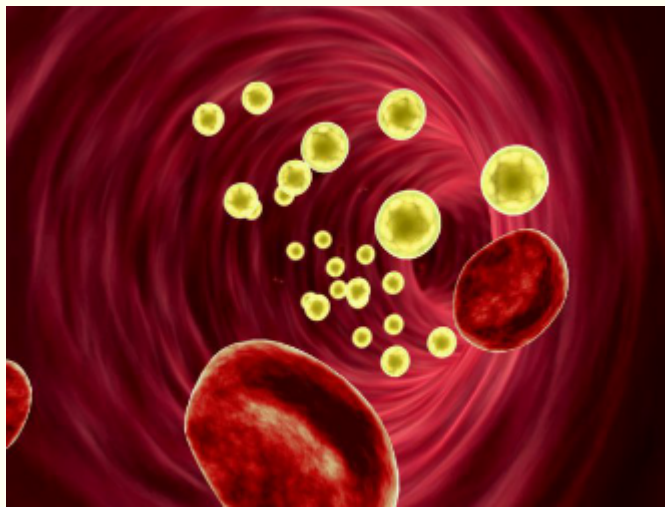


Sayens - Projet technologique

<https://www.sayens.fr/en/portefeuille-offres/projets-technologiques/bloode/>

Bloode



Code deposit

Partner laboratory:

FEMTO-ST Institute
Franche-Comté University - CNRS

Medical : pre-operative assessment (medical collagen based

Evaluation of Primary Haemostasis before surgery)

Pharma : testing new drugs (analysis of blood flow for testing new
drugs)

Context

Appropriate anti-thrombotic medication to each patient needs, health disorders and their complications (art of drugs combination), appropriate evaluation of hemorrhage risk during surgery are few of the many reasons why accurate primary hemostasis evaluation is needed.

Current devices on the market lack accuracy and sensitivity and aren't relevant according to clinicians.

Innovation

BlooDe is a new more sensitive and precise system that, amongst other things, make possible the adaptation of protocols to specific patient's hemostasis situation.

- **Completed developments :**
 - Functional prototype – TRL 6
 - Clinical study based on whole blood of healthy donors and patient with severe von Willebrand Disease successfully completed
- **Current developments :**
 - On-going clinical study
 - Successful and accurate detection of vWF deficiency and of antiplatelet drugs'effect
- **Upcoming development :**
 - Pre-industrial prototype launching

Benefits

- **Increased sensitivity**
 - Detection of mild bleeding disorders
- **Higher accuracy**
 - Diagnostic quality
 - Monitor treatment / Avoid unnecessary treatment
- **Predictive value**
 - Reduce need for blood/platelet transfusion
 - Reduce complications post-operatively
 - Diminish days of hospitalization
 - Save costs

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