

## SSC Subcommittee Project/Collaborative Project

- Name of the Project: **STANDARDIZATION OF METHODS FOR PERFORMING THE THROMBOELASTOGRAM**
- Person responsible (Chair / Principal Investigator): Dr. Benny Sorensen (UK)
- Members: Dr. Meera Chitlur (USA)  
Dr. Georges Rivard (Canada)  
Dr. Guy Young (USA)  
Dr. David Lillicrap (Canada)  
Dr. Kenneth Mann (USA)  
Dr. Midori Shima (Japan)  
Dr. Johannes Oldenburg (Germany)
- Aim / Mandate of the project: The mandate of the project will be to create a document that discusses issues related to the performance of the thromboelastogram (TEG) or its variant forms such as ROTEM with regard to methods, reagents and interpretation so as to bring standardization of this test as it is currently understood so that studies performed using this method can be appropriately interpreted and data from different laboratories compared.
- Methodology: Several variations of the method to perform the TEG/ROTEM exist in the literature with regard to reagents, instruments and interpretation. The project members will review published literature and data on file in their own laboratories on this test, to achieve this aim mentioned above. These tests may then be assessed for applications in different conditions by other laboratories around the world.
- Year of starting: Dec 2009
- Annual report of project: The TEG / ROTEM project within the area of the FVIII / FIX SSC has listed the following initial recommendations for future work:  
Tissue factor activated TEG / ROTEM within the area of haemophilia
  1. Explore reliable source of tissue factor
    - a. Antigen level and activity
    - b. Validation and standardization
    - c. Secure delivery and distribution (e.g. collaboration with diagnostic industries)
  2. Single institution evaluation
  3. Multi-centre lab validation exercise

Kaolin activated TEG / ROTEM within the area of haemophilia

1. Conduct larger studies using Kaolin as activator in order to validate reproducibility and demonstrate a clinical correlation

A first report or recommendations should be ready for the next SSC (2012).

- Year of completion (expected): 2011