Aim and Objectives
1. The blood flow pattern as well as thrombus formed in the arteries and veins are differing in their environment and in composition. It is essential to study the thrombolytic effect of the new drug, Thrombinase in venous and arterial thrombosis of animal models.

2. Any drug has its own consequence of reaction if delayed in their inactivation or excretion. Any in vivo drug administration requires evaluation of pharmacokinetic parameters - plasma clearance, organ distribution and excretion. Hence, these parameters have to be studied for the drug, Thrombinase.

3. As Thrombinase is a proteolytic enzyme, it may have affect on the haematological and coagulation parameters. Hence efforts are taken to establish the effect of Thrombinase administration on the haematological and coagulation profile.

4. Any new drug has to be compared in its potency with the standard drug currently in use. So the Thrombinase effect will be compared with the known thrombolytic drug, Streptokinase.