

Title: Evaluation of thrombosomes in a rabbit model

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#### Abstract

The proposed research is designed to assess efficacy and safety of freeze-dried platelets in a rabbit model. The product, called Thrombosomes, is being developed by Cellphire, Inc. Thrombosomes are stable preparations which can be kept at room temperature for an extended period of time without loss of ability to induce blood clotting. They are a purported replacement to fresh human platelets that are stable only for few days, need refrigeration and be used within 5 days of isolation from whole blood. A platelet product that is stable at room temperature and is easily transportable may replace the use of fresh or 5 day old human platelets in clinic and ambulatory setting.