

Republic of the Philippines
Department of Science and Technology

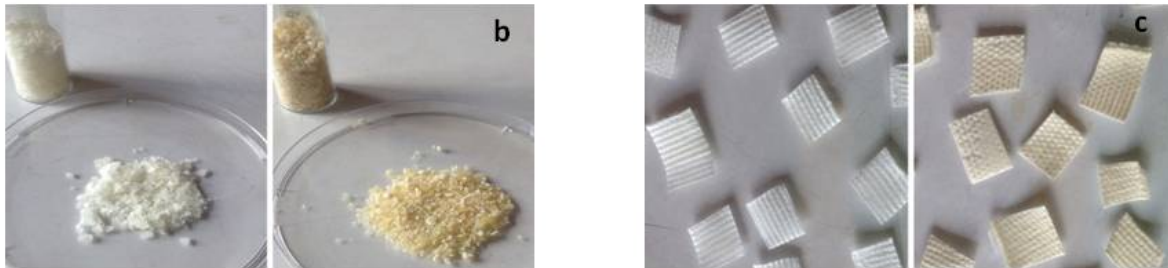
PHILIPPINE NUCLEAR RESEARCH



HEMOSTAT Tech Brief

This patent-pending innovation is about a technology used to reduce or stop the bleeding in wounds or skin openings made during medical procedures.

It is made from biocompatible materials which does not damage the wound site or inflict burning sensation. In granular form, it can come into contact with bleeding points easily and adjust to the size of bleeding site accordingly. It acts both as stopper by forming a gel-blood clot and concentrate natural coagulation factors to promote physiological clotting processes. The particles do not easily disperse in the wind and can be easily removed by clumps or by irrigation.



Hemostat Granules and Dressing

Hemostat may be used in wound traumas found in emergency cases or in incisions made during surgical procedures. As first aid management, it can be used to stop or reduce bleeding until proper hospital care can be provided.

Both the granules and dressing types of inventions will soon undergo clinical trials.

Interested takers are welcome to apply as partners who will manufacture and distribute this technology through a licensing agreement.