

# SuperClot® Absorbable Polysaccharide Hemostat

**Caution:** SuperClot® should only be used by a physician or other licensed practitioners.

## DESCRIPTION

SuperClot® Absorbable Polysaccharide Hemostat (SuperClot®) is a medical device composed of absorbable modified polymer (AMP®) particles and delivery applicator. AMP® particles are biocompatible, non-pyrogenic and derived from purified plant starch. The device contains no human or animal components. SuperClot® is intended as an absorbable hemostatic system to control bleeding during surgical procedures or following traumatic injuries.

## ACTION

AMP® particles have a molecular structure that rapidly absorbs water from the blood. This dehydration process causes a high concentration of platelets, red blood cells, and coagulation proteins (thrombin, fibrinogen, etc.) which accelerates the normal, physiologic clotting cascade. In contact with blood, AMP® particles support the formation of a gelled, adhesive matrix which provides a mechanical barrier to control bleeding. Absorption normally requires several days and is dependent on the amount of material applied and the site of use. AMP® particles are degraded by amylase and glucoamylase.

## INDICATIONS

SuperClot® is indicated for use in surgical procedures or injuries as an adjunct hemostat when control of bleeding from capillary, venous, or arteriolar vessels by pressure, ligature, and other conventional means is either ineffective or impractical.