HIGHLY EFFICACIOUS HEMOSTATIC ADHESIVE POLYMER SCAFFOLD

ABSTRACT

The invention relates to biocompatible polymer gel compositions useful in facilitating and maintaining hemostasis. The biocompatible polymeric gel composition is comprised of (a) one or more than one polyanionic polymer, (b) one or more than one polycationic polymer, and (c) a solvent. A preferred composition includes sodium alginate, chitosan, and water to produce an adhesive hemostatic device that is useful in facilitating and maintaining rapid hemostasis.

Figure 1