

SUPPLEMENTAL TABLE A. Other hemostatic agents utilized in medicine⁵⁷

Commercial products	Human-derived?	Animal-derived?	Notes
Thrombin-gelatin granules (Floseal hemostatic matrix, Surgiflo) ⁵³⁻⁵⁵	Yes, human-derived thrombin	Yes, bovine-derived liquid gelatin matrix	Hemostatic agent effective on both bone and soft tissue, used in cardiac, spinal surgery. Expensive
Chitosan-based dressings (CeloX, Hemcon, Axiostat) ⁵⁶	No	Yes, Polycationic polysaccharide derived from outer skeleton of shellfish* some come from fungi	Used to control hemorrhage in the setting of trauma. Rarely used in dermatology clinic setting
Microfibrillar collagen (Avitene, Helistat) ^{53,58}	No	Yes, bovine collagen	Useful in patients on antiplatelet agent therapy. Risk of systemic allergic reactions
Fibrin sealant (Tisseal, Crosseal, Evicel) ⁵⁹	Yes, human protein	Yes, bovine protein	More common in cardiothoracic surgery. Expensive. Avoid in patients with history of anaphylaxis to plasma products or IgA deficiency

SUPPLEMENTAL TABLE B. Topical hemostatic agents

	Human-derived?	Animal-derived?	Active ingredient	Notes
Zinc chloride	No	No	Zinc, chloride	Previously a popular topical application post-Mohs. Requires cool, dry storage
Mineral zeolite (Quikclot) ¹²	No	No	Mineral mix of silicon, aluminum, sodium, and lava-derived magnesium	FDA approved in 2002. Frequently used by the military. Risk of thermal injury to the application site

SUPPLEMENTAL TABLE C. Fillers used in the past⁴¹

Commercial products		Human-derived?	Animal-derived?	Active component	Active component origin
Collagen fillers	Artecoll	No	Yes	PMMA in 80% bovine collagen	Cow
	Zyderm I, II	No	Yes	3.5% bovine collagen, 6.5% bovine collagen respectively	Cow
	Zyplast	No	Yes	3.5% bovine crosslinked collagen	Cow
	Cosmoderm I, II	Yes	No	3.5% human-derived collagen, 6.5% Human-derived collagen respectively	Human
	Cosmoplast	Yes	No	3.5% human derived crosslinked collagen	Human
	Fascian	Yes	No	Human cadaveric collagen	Human
	Dermologen	Yes	No	Human cadaveric collagen and matrix material (elastin, GAGs)	Cadaver
	Cymetra	Yes	No	Human cadaveric dermal matrix	Cadaver
	Fibrel	No	Yes	Porcine derived collagen	Pig
	Evolence	No	Yes	Porcine derived crosslinked collagen	Pig
Hyaluronic acid fillers	Hylaform, Hylaform PLUS, Prevelle Silk	No	Variable	Hyaluronic acid	Rooster combs
Calcium hydroxylapatite (CaHA) fillers	Radiesse	Yes	No	Calcium hydroxylapatite (CaHA)	Derived from human bone and teeth