

**Bon Secours Richmond
Pharmacy & Therapeutics Committees
Prescription Wound Care Products**

Recommendations:

- Accuzyme and Ethezyme 830 are equivalent products containing identical amounts of active ingredients. Pharmacy will stock and autosubstitute the most cost effective product.
- Panafil and Ziox Ointment are equivalent products containing identical amounts of active ingredients. Pharmacy will stock and autosubstitute the most cost effective product.

	Accuzyme Ointment	Ethezyme 830 Ointment	Panafil Ointment	Ziox Ointment	Santyl Ointment	Xenaderm
Indications	Debridement of necrotic tissue and liquefaction of slough in acute and chronic lesions such as pressure ulcers, varicose and diabetic ulcers, burns, postoperative wounds, pilonidal cyst wounds, carbuncles and miscellaneous traumatic or infected wounds.		Acute and chronic lesions such as varicose, diabetic and decubitus ulcers, burns, postoperative wounds, pilonidal cyst wounds, carbuncles and miscellaneous traumatic or infected wounds.		Debriding chronic dermal ulcers.	Promote healing and the treatment of decubitus ulcers, varicose ulcers and <i>dehiscent wounds</i> .
Dosing Frequency	Once or twice daily		Once or twice daily		One daily	≥ Twice daily
Ingredients	Papain 8.3 x 10 ⁵ units/gram 100 mg Urea/ gram Hydrophilic ointment base	Papain 8.3 x 10 ⁵ units/gram 100 mg Urea/ gram Hydrophilic ointment base	Papain 5.2 x 10 ⁵ /gram, 100 mg/gram Urea, 0.5% Chlorophyllin Copper Complex in a hydrophilic base		Collagenase 250 units/gram White petrolatum USP	Trypsin 90 units/gram, Balsam Peru 87 mg/gram, Castor Oil 788 mg/gram
Action	Papain digest nonviable protein. Urea denatures nonviable protein making is susceptible to enzymatic digestion and exposes sulfhydryl groups which active papain.		Papain digest nonviable protein. Urea denatures nonviable protein making is susceptible to enzymatic digestion and exposes sulfhydryl groups which active papain. Chlorophyllin copper complex inhibits the hemagglutinating and inflammatory properties of protein degradation products in the wound.		Collagenase digest collagen in necrotic tissue	Balsam Peru is a capillary bed stimulant used to increase circulation in the wound site area. Castor oil is used to improve epithelialization by preventing drying and cornification and is a protective covering. Trypsin is a debriding agent.
Active pH range	3-7	3-12	3-7	3-12	6-8	
Inactivate by	Heavy metals, hydrogen peroxide		Heavy metals, hydrogen peroxide		Heavy metals	
Cost per gram	\$1.27	\$0.43	\$2.17	\$0.98	\$1.60	\$0.65

Cost savings for the conversion are of \$14,635.72 per year.