

**PRESCRIBERS GUIDE FOR ADVANCED WOUND CARE CLINIC**  
**Topical Antimicrobial Indicated in Wounds with Critical Colonization and Infection**

SAFEST TOPICAL ANTIMICROBIALS	Agent	Product on Contract	SA	MRSA	Strep	PS	F	Anaerobic	VRE	Comments (Please see Advanced Wound Care Formulary for <u>complete</u> product information)	Available on Contract/ Advance Wound Care Formulary	Authorized Prescriber Prescription required	
	Iodine	Iodophor Ribbon Gauze					√		Not Known		<ul style="list-style-type: none"> <li>• Not for full thickness burns</li> </ul>	No/No	No
		Iodosorb	√	√	√	√			√	√		Yes/Yes	No
		Inadine	√	√	√	√	√	√	√		<ul style="list-style-type: none"> <li>• Do not use Inadine for packing</li> <li>• May be used to maintain dry eschar wounds</li> </ul>	Yes/Yes	No
	Methylene Blue/ Gentian Violet	Hydrofera Blue	√	√	√	√	√	√	√	<ul style="list-style-type: none"> <li>• Not like gentian violet solution which is HIGHLY cytotoxic</li> <li>• Change dressing when it turns white</li> <li>• May be in wound up to 7 days</li> </ul>	No/No	No	
	Polyhexamethylene Biguanide (PHMB)	Ribbon Gauze	√	√	√	√	√	√	√	<ul style="list-style-type: none"> <li>• Safer than Chlorhexidine solution itself</li> <li>• Bacterial kill occurs largely in/on dressing</li> </ul>	Yes/No	No	
	Silver	Aquacel Ag+	√	√	√	√	√	√	√	√	<ul style="list-style-type: none"> <li>• Remove prior to radiotherapy</li> </ul>	Yes/Yes	No
		Acticoat Flex	√	√	√	√	√	√	√	√	<ul style="list-style-type: none"> <li>• Remove prior to radiotherapy</li> </ul>	Yes/Yes	No
		Silver Sulfadiazine	√	√	√	√	√	√	Not Known	√	<ul style="list-style-type: none"> <li>• Remove prior to radiotherapy</li> <li>• Pseudo -eschar may delay healing</li> <li>• Do not use greater than 2 weeks (stop after 1 week use if no improvement)</li> <li>• Discard after being open 1 week</li> <li>• Use with caution for clients with severe hepatic and /or renal impairment</li> <li>• Do not use if sulfa sensitive</li> </ul>	Yes/Yes	No

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SELECTIVE USE ANTIMICROBIALS	Agent	Product on Contract	SA	MRSA	Strep	PS	F	Anaerobic	VRE	Comments (Please see Advanced Wound Care Formulary for <u>complete</u> product information)	Available on Contract/ Advance Wound Care Formulary	Authorized Prescriber Prescription required	
	Acetic Acid	Solution is available in 0.25%, 1% and 3%. To achieve clinical antibacterial efficacy requires a concentration of at least 0.5%.	√	√		√	√				<ul style="list-style-type: none"> <li>Requires direct contact with the wound surface for a minimum of 5 minutes to be effective</li> <li>Apply acetic acid (ordered strength) compress to the wound to manage pseudomonas</li> <li><b>STOP</b> when greenish wound discharge stops</li> <li>Consider protecting peri wound skin during use</li> <li>1% most commonly ordered, and has least 'sting' associated with application</li> </ul>	Yes/No	No
	Chlorhexidine	Bactigras	√	√		√			Not Known	√	<ul style="list-style-type: none"> <li>Appropriate for use on 'maintenance' / 'non-healable' wounds</li> </ul>	Yes/Yes	No
		Chlorhexidine Swabs	√	√				√	√		<ul style="list-style-type: none"> <li>May use on 'healable' wounds, if reduction of bacterial burden is of greater immediate concern than wound healing (two-week course maximum)</li> <li>In 'healable' wounds, it is best used during the inflammatory stage of wound healing, as it is cytotoxic during the proliferative phase</li> <li>Caution with infants less than 2 months of age</li> <li>Swab may be used to maintain dry eschar when client sensitive to povidone iodine</li> </ul>	Yes/Yes	No
	Metronidazole	Metrogel 1%							√		<ul style="list-style-type: none"> <li>Reserve for use on anaerobes, i.e., to reduce odor</li> </ul>	Yes/No	Yes
Mupirocin	2% Ointment	√	√	√						<ul style="list-style-type: none"> <li>Reserve for MRSA decolonization</li> </ul>	Yes/No	Yes	

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CAUTIONARY USE	Agent	Product on Contract	SA	MRSA	Strep	PS	F	Anaerobic	VRE	Comments (Please see Advanced Wound Care Formulary for <u>complete</u> product information)	Available on Contract/ Advance Wound Care Formulary	Authorized Prescriber Prescription required
	Bacitracin zinc, neomycin sulfate/Gramicidin (in Canada?) and polymyxin B sulfate	Triple action Polysporin,	√	√	√	√			√		<ul style="list-style-type: none"> <li>Bacterial resistance may develop</li> <li>Cream formulations contain gramicidin instead of bacitracin</li> <li>Potential sensitizer/allergen, especially Neomycin</li> </ul>	Yes/No
Fucidic Acid	Fucidin Ointment	√	√	√				√		<ul style="list-style-type: none"> <li>Bacterial resistance may develop</li> <li>May sensitize, esp. the ointment form (contains lanolin)</li> </ul>	Yes/No	Yes

**Legend:** (SA=Staphylococcus Aureus), (MRSA=Methicillin Resistant Staph Aureus), (Strep=Streptococci), (PS=Pseudomonas), (F=Fungi – Mucor, Aspergillus, Candida Albicans, Candida Topicals, Candida Glabrata, & Saccharomyces), (VRE=Vancomycin - Resistant Enterococci). This should be after all tables or at the end of all three but not after 2<sup>nd</sup> table only.