

Inpatient Prescription for MRSA decolonisation

Hospital number	Surname	First Name	Date of Birth
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All MRSA positive patients, except babies < 4 months old, must be commenced on ONE of the following MRSA decolonisation prescriptions, after agreement by the Infection Control Team.

Indicate below the appropriate regimen for patient to be commenced on based on allergies and resistance, as advised by the Infection Control Team and **SIGN** appropriate prescription on the following pages.

	Prescription Description	Please Tick
1	Standard MRSA decolonisation – patient with no allergies and fully sensitive MRSA	
2	MRSA decolonisation – patient with chlorhexidine (Hibiscrub) allergy and fully sensitive MRSA	
3	MRSA decolonisation – patient with mupirocin allergy or resistance	
4	MRSA decolonisation – patient with mupirocin and chlorhexidine allergy or resistance	
5	MRSA decolonisation – patient with chlorhexidine, mupirocin and naseptin allergy or resistance	

Guidance for application of specific components of MRSA decolonisation protocol:

Mupirocin ointment must NOT be used on or near plastic material e.g. I.V. lines, NG tubes, O₂ nasal cannulae, PEG tubes, drains or deep extensive wounds $\geq 10\text{cm}$ or surface area $\geq 100\text{cm}^2$.

Poly ethylene-glycol, the ointment base in Mupirocin ointment, can accumulate in patients with renal impairment. It is not to be used on a large surface area, when an occlusive dressing is used or on broken/damaged skin e.g. ulcers. It also damages integrity of plastic material. (Mupirocin Nasal Ointment does not contain poly-ethylene-glycol can be used on sites with indwelling devices).

Hibiscrub - For bedbath; add 25mls to half a bowl of water. Apply neat to skin and rinse thoroughly if showering. Hair conditioner and body moisturiser must not be used until 4 hours after application of Hibiscrub.

Octenisan - For washing; apply undiluted to a damp facecloth, rub onto the areas of the body to be cleansed, leave for 3 minutes contact time and wash off. For showering or hair washing, use in the same way as normal preparations.

Prontosan: For application to wounds: Ensure wound is clean. Copiously coat wound/wound bed with gel. Wound gel can stay on the wound until the next change of dressing. Vary quantity of gel depending on the frequency of dressing changes:

- larger quantity: e.g. when the dressing is changed only after several days.
 - smaller quantity: when dressing is changed on the next or same day.
- Mild burning sensation rarely occurs after application, but disappears after a few minutes

Ensure bed linen, clothing and towels are changed daily.

After 5 days dispose of all items dispensed for the protocol (tubes of ointment etc.) to prevent their continued use.

Guidance for re-screening and repeating MRSA decolonisation protocol:

- Patients with MRSA in urine, sputum, deep wounds, around lines and drains:

Complete the protocol. Do not re-screen/repeat protocol

- Patients with MRSA in nose, groin or superficial wounds:

- re-screen all sites 24 hours after protocol completion. Continue with isolation precautions. If post-treatment samples are negative continue isolation precautions and re-screen all sites.
- In total, 3 screens at least 3 days apart are required before a patient can be considered MRSA negative. Consult with the Infection Control Team before relaxing precautions.
- If post treatment samples are positive give a second protocol, but no more than 2 in a 6 month period.

Inpatient Prescription for MRSA decolonisation - see notes overleaf

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Select appropriate regimen based on allergies and resistance

1. Standard MRSA decolonisation – for patients with no allergies and fully sensitive MRSA

Drug	Time	Enter dates below				
Mupirocin 2% nasal ointment (Bactroban®). Apply inside each nostril & massage outside of nose until ointment can be tasted at back of throat.	08					
	14					
	22					
Hibiscrub® (Chlorhexidine Gluconate 4%) Use for bedbath or shower.	08					
Hibiscrub® (Chlorhexidine Gluconate 4%) Use as shampoo.	08					
Chlorhexidine Acetate 1% Powder. Apply to armpits, skin folds and groin	08					
Mupirocin 2% ointment (Bactroban®) Apply to small superficial wounds that are known to be MRSA positive	08					
Mupirocin 2% nasal ointment (Bactroban®) Apply a small amount to sites with indwelling devices that are known to be MRSA positive	08					
Signature	Date	Bleep	Pharmacy	Additional Instructions		

2. MRSA decolonisation – for patients with chlorhexidine (Hibiscrub) allergy and fully sensitive MRSA

Drug	Time	Enter dates below				
Mupirocin 2% nasal ointment (Bactroban®). Apply inside each nostril & massage outside of nose until ointment can be tasted at back of throat.	08					
	14					
	22					
Octenisan® (Octenidine) wash lotion. Use for bedbath or shower – 3 minutes contact time is required	08					
Octenisan® (Octenidine) wash lotion. Use as shampoo. – 3 minutes contact time is required	08					
Mupirocin 2% ointment (Bactroban®) Apply to small superficial wounds that are known to be MRSA positive	08					
Mupirocin 2% nasal ointment (Bactroban®) Apply a small amount to sites with indwelling devices that are known to be MRSA positive	08					
Signature	Date	Bleep	Pharmacy	Additional Instructions		

3. MRSA decolonisation – for patients with mupirocin allergy or resistance

Drug	Time	Enter dates below				
Naseptin® (chlorhexidine 0.1%, neomycin sulphate 0.5%) cream. Apply inside each nostril & massage outside of nose until ointment can be tasted at back of throat.	08					
	14					
	22					
Hibiscrub® (Chlorhexidine Gluconate 4%) Use for bedbath or shower	08					
Hibiscrub® (Chlorhexidine Gluconate 4%) Use as shampoo.	08					
Chlorhexidine Acetate 1% Powder. Apply to armpits, skin folds and groin	08					
Polyhexanide wound gel/irrigation solution (Prontosan®) Apply to all wounds/invasive devices that are known to be MRSA positive	08					
Signature	Date	Bleep	Pharmacy	Additional Instructions		

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4. MRSA decolonisation – for patients with mupirocin and chlorhexidine allergy or resistance

Drug	Time	Enter dates below									
Naseptin® (chlorhexidine 0.1%, neomycin sulphate 0.5%) cream. Apply inside each nostril & massage outside of nose until ointment can be tasted at back of throat.	08										
	14										
	22										
Octenisan® (Octenidine) wash lotion. Use for bedbath or shower – 3 minutes contact time is required	08										
Octenisan® (Octenidine) wash lotion. Use as shampoo. – 3 minutes contact time is required	08										
Polyhexanide wound gel/irrigation solution (Prontosan®) Apply to all wounds/invasive devices that are known to be MRSA positive	08										
Signature	Date	Bleep	Pharmacy	Additional Instructions							

5. MRSA decolonisation – for patients with chlorhexidine, mupirocin and naseptin allergy or resistance

Drug	Time	Enter dates below									
Polyhexanide Nasal Gel (Prontoderm) Apply inside each nostril & massage outside of nose	08										
	14										
	22										
Polyhexanide Foam (Prontoderm) Bed bath/Wash/Shower normally. Dry thoroughly Then apply a golf ball size amount to each area of the body e.g arm, leg, front—ensure full coverage and rub in until dry. Do not wash off.	08										
Polyhexanide Foam (Prontoderm) Wash and shampoo hair as normal and towel dry with a clean towel. Apply enough Prontoderm Foam to cover scalp and comb through.	08										
Polyhexanide wound gel/irrigation solution (Prontosan®) Apply to all wounds/invasive devices that are known to be MRSA positive	08										
Signature	Date	Bleep	Pharmacy	Additional Instructions							

