



Singapore
General Hospital
SingHealth

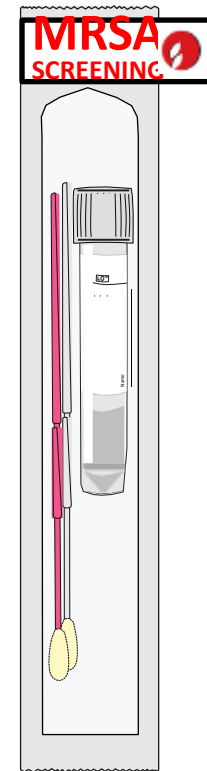


Comprehensive Guide to MRSA Screening PCR Sample Collection

Department of Microbiology, in collaboration
with Infection Prevention and Control

Step 1: Preparation

- Obtain 1 set of MRSA eSwab sample collection kit
- Disposable kidney dish



Step 2: Order CPOE

- “MRSA PCR Screening”

Current	New
MRSA Screening (Patient, without antibiotic susc. Testing)	MRSA PCR Screening (nasal, axilla, groin)

Step 3: Hand Hygiene

- Perform hand hygiene



Step 4: Open MRSA eSwab Collection Kit

- At bedside
- Open the pouch and remove the pink swab



Step 5: Sample the axilla & groin

- Remove the **PINK** eSwab from the pouch
- Sample both axilla and groin using the **PINK** eSwab
- Do not need to wet swab

Step 6: Insert **PINK** eSwab into tube

- Remove the cap from the tube, making sure not to spill the liquid medium
- Insert the **PINK** eSwab into the tube



Step 7: Dip & swirl

- Dip the **PINK** eSwab completely into the liquid
- Gently stir the eSwab for 5 seconds



Step 8: Express excess fluid from eSwab

- Lift up the swab from the liquid medium
- Express excess medium from the eSwab by **squeezing the swab against container** 5 times



Step 9: Discard the **PINK** eSwab as general waste

- Remove the **PINK** eSwab from the tube
- Discard as general waste.
- Recap the tube



Step 6 – 9: Video



Step 10: Sample anterior nares using WHITE eSwab

- Remove the WHITE eSwab
- Sample both nostrils



Step 11: Insert WHITE eSwab into the tube

- Insert the WHITE eSwab fully into the tube
- the moulded breaking point should align to the mouth of the tube



Step 12: Break the WHITE eSwab

- Break the WHITE eSwab at the moulded breaking point, by pivoting it against the mouth of the tube



Step 13: Recap the tube

- Recap the tube, with the **WHITE** eSwab inside the tube



Step 15: Label the tube with CPOE lab

- Print and Label the tube with CPOE label
- Do not paste over the cap of the tube

Start of
name –
near cap



Step 16: Place tube in specimen bag and send to lab

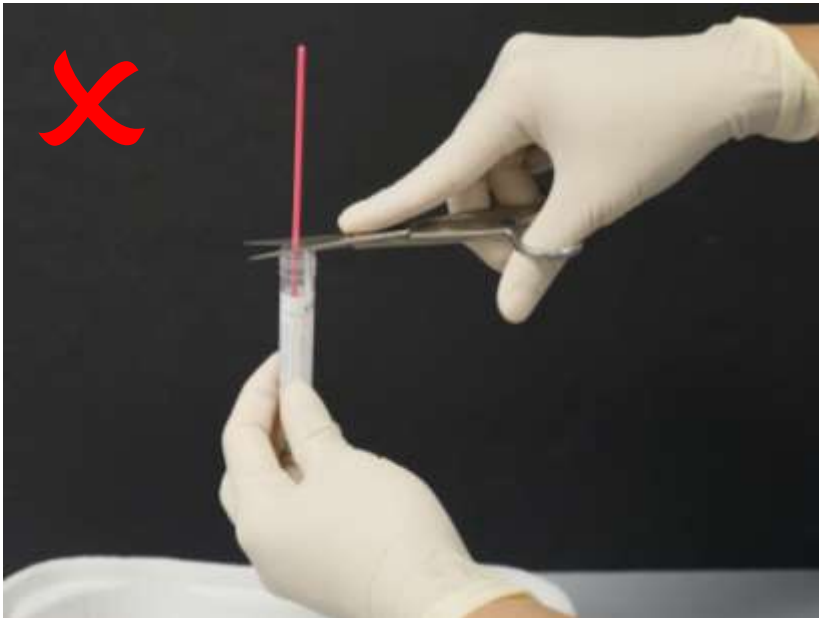
- Check patient information on the CPOE label again
- Place tube in specimen bag with biohazard sign
- Send package to the laboratory

Part 10 – 16: Video



Do not...

- Do not **CUT** the **PINK** eSwab
- Do not cramp **2 eSwabs** into tube



Do not...

- Do not paste CPOE label over the cap
- Do not spill the fluid – required for testing



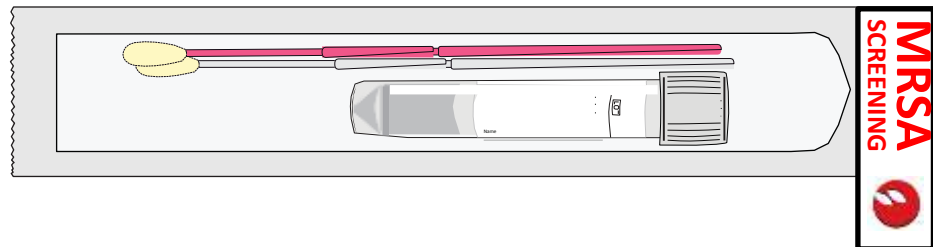
FAQs

Qn: Storage conditions of unused swabs ?

- **Room temperature, ie, 25°C**

Qn: Is it possible to have the "for MRSA screening" label on dual swabs in the long term ?

- **Provided on a short term basis to assist users.**



FAQ

Qn: Can I send wound swabs for MRSA PCR Screening?

- **No. It will be rejected. MRSA PCR Screening is only validated for nose, axilla and groin.**
- **For wound, send for MRSA Wound Culture.**

FAQ

Qn: If the wrong swab eg pink swab is used and left in the tube instead of the white swab, will the sample be rejected?

Qn: Must pink swab be used for axilla and groin, and must white swab be used for nasal ? what if the swab is used for the wrong site?

- **It will be rejected**

FAQ

- Where can I find more information?
- Available end of this week.

The screenshot shows the Singapore General Hospital website. The main navigation bar includes links for Home, About Us, Clinical Specialties & Centres, Patient Services, Education, Research, Careers@SGH, and Make/Change Appointment. The page title is "Clinical Specialties & Centres". The main content area is titled "Pathology Overview" and includes a sidebar with links to Pathology Laboratory Services, History, Educational Resources, Microscopy (Blog), Breast Pathology Course, Breast Pathology Fellowship, SGH Haematology/Immunology Pathology Workshops, Pathology Today 2017, and SGH Clinical Path Founders in Technology Workshop. The main text describes the Division of Pathology's services and the Client & Specimen Management Section. A photo of a staff member is also visible. The footer includes the Singapore General Hospital logo and name.

“MRSA and CRE
Screening
Resource
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Questions?



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