



Registrar and MO Orientation

# Infection Prevention and Control

Infection Prevention and Control Department

Prince of Wales Hospital

# Who are we?



The Prince of Wales Hospital  
& Community Health Service



## POWH and SSEH Infection Prevention and Control Staff & contact details

Nurse Manager	Gareth Hockey	Ext: 22519	Page 44241
CNC Infection Prevention and Control (POWH)	Erin McSweeney	Ext 22083	Page 44219
CNC Infection Prevention and Control (SSEH)	Ning An	Ext: 27637	Mob 0418984255
Occupational Exposure Management CNS	Aurea Ayalon	Ext: 22859	Page 44186
Infection Prevention and Control RN	Nelley Youssef	Ext: 23980	-----
Clerical Support Officer	Fiby Sultan	Ext: 22499	-----

**Office Hours: 7-day service** 0800 – 1630 hours – Page 44219



**Health**  
South Eastern Sydney  
Local Health District

# Healthcare associated infections

---

Most common complication of healthcare  
Approx 165,000 HAIs in Australia annually

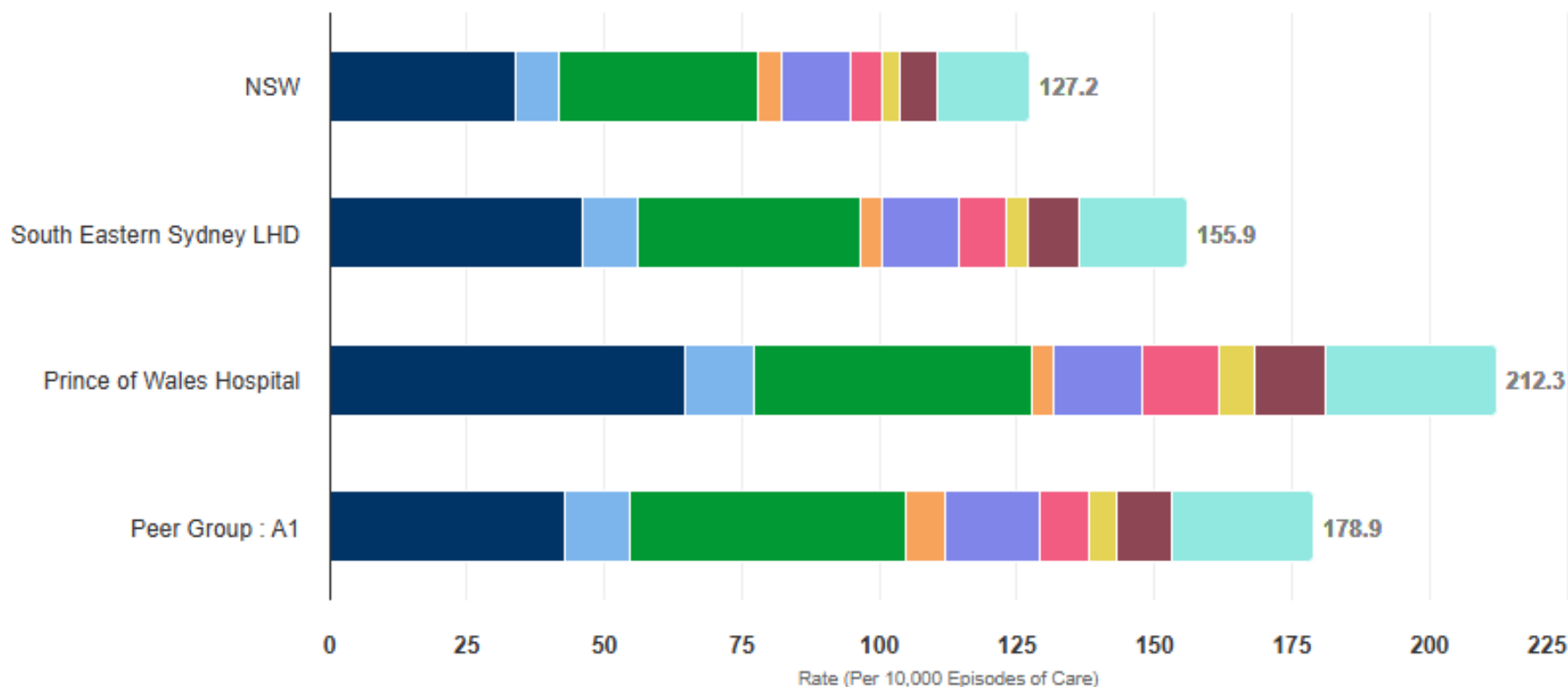
- Many HAI's are preventable
- Increased length of stay
- Increased healthcare cost
- Unnecessary pain and suffering
- Increased antibiotic usage
- Unplanned procedures
- Increased mortality risk
- Loss of income and social impact



# HAIs and HACs

## South Eastern Sydney LHD - Prince of Wales Hospital

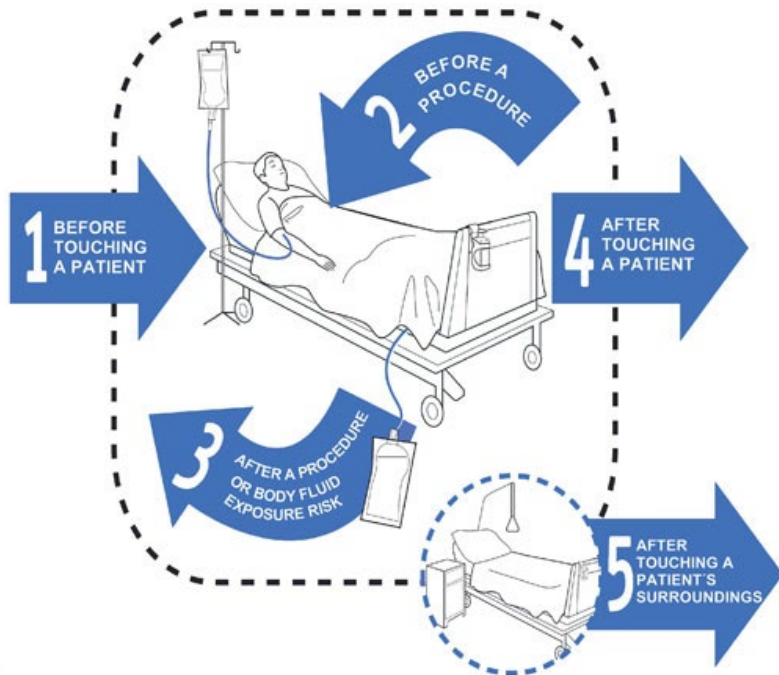
[ HAC Version: 3.1 | From 01/01/2024 to 31/12/2024 | Complication: 03. Healthcare associated infection ]



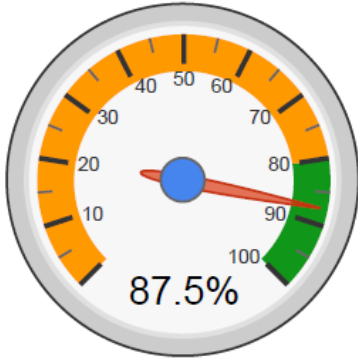
- 3.1 Urinary tract infection
- 3.2 Surgical site infection
- 3.3 Pneumonia
- 3.4 Blood stream infection
- 3.5 Infections or inflammatory complications associated with peripheral/central venous catheters
- 3.6 Multi-resistant organism
- 3.7 Infection associated with prosthetics/ implantable devices
- 3.8 Gastrointestinal infections
- 3.9 Other high impact infections

# Standard precautions

**Standard precautions** refer to those work practices that are applied to all regardless of their perceived or confirmed infectious status to ensure the foundations infection prevention and control are implemented



# Hand Hygiene POW – Audit 3 2024



## Total Compliance

Correct Moments	Total Moments	Compliance
4,777	5,460	87%

## Compliance by Hand Hygiene Moment

Moment	Correct Moments	Total Moments	Compliance
1 - Before Touching a Patient	1,351	1,619	83%
2 - Before a Procedure	532	572	93%
3 - After a Procedure or Body Fluid Exposure Risk	713	756	94%
4 - After Touching a Patient	1,428	1,591	90%
5 - After Touching a Patient's Surroundings	753	922	82%



**Health**  
South Eastern Sydney  
Local Health District

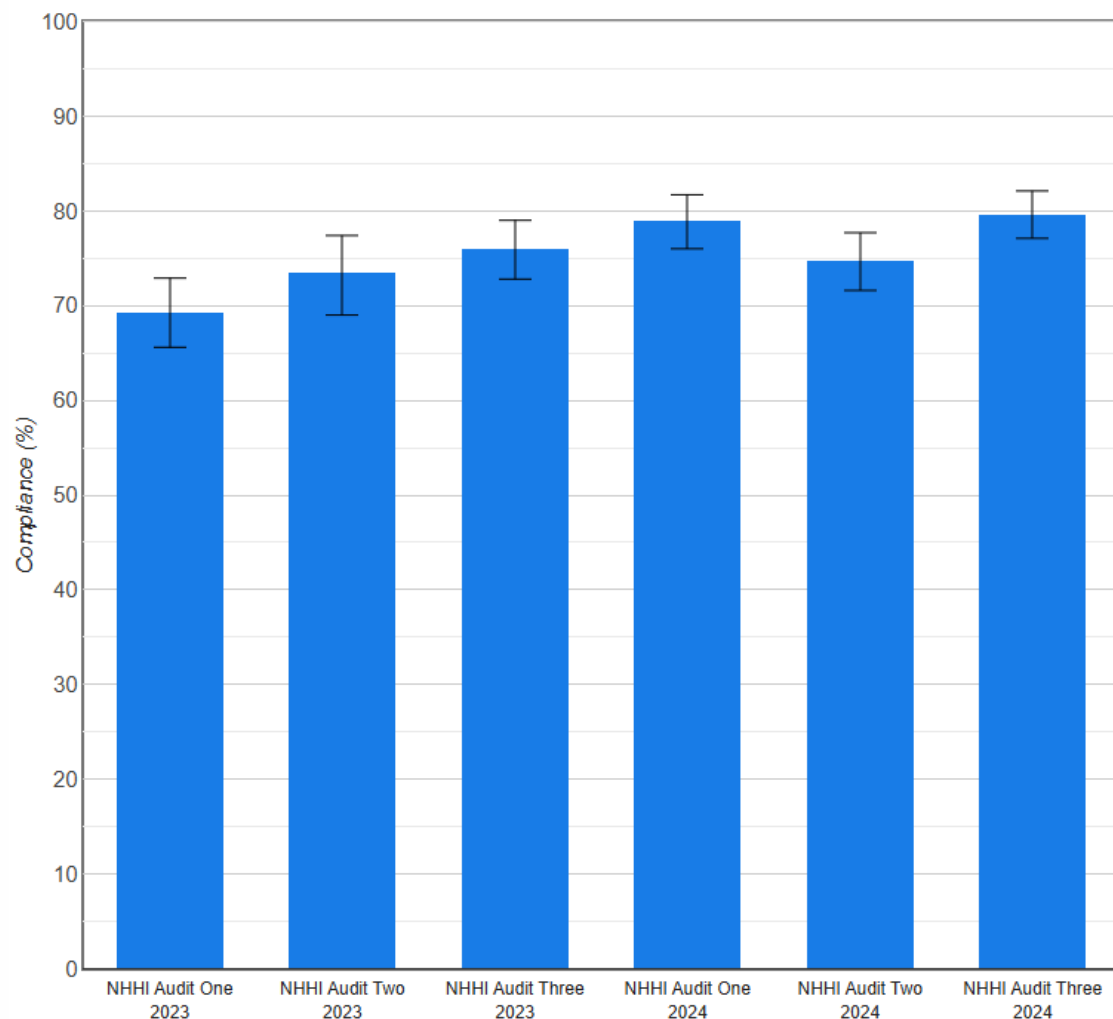


# Hand Hygiene POW – Audit 3 2024

## Compliance by Health Care Worker Group

Health Care Worker	Correct Moments	Total Moments	Compliance
Nurse/Midwife	3,261	3,646	89%
Medical Practitioner	518	649	80%
Personal Care Staff	76	91	84%
Allied Health Care Worker	353	414	85%
Administrative and Clerical Staff	4	5	80%
Invasive Technician	118	129	91%
Domestic	44	54	81%
Student Doctor	7	10	70%
Student Nurse/Midwife	218	249	88%
Student Allied Health	24	28	86%
Other - Not Categorised Elsewhere	20	23	87%
Surgeon	18	22	82%
Anaesthetist	49	59	83%
Operations Assistant	17	24	71%
Scout Nurse	22	24	92%
Anaesthetic Nurse	28	33	85%

# POW Medical officer compliance



**Health**  
South Eastern Sydney  
Local Health District



# Gloves

---

- To reduce the risk of contamination of healthcare worker hands with blood and body fluids, including contact with mucous membranes and non-intact skin
- Overuse in healthcare?
- Contamination of the environment?
- Hand hygiene adequate unless anticipated contact with bodily fluids and/procedures etc



**Health**  
South Eastern Sydney  
Local Health District

# Contact precautions

in addition to standard precautions

**Visitors**  
See a nurse for information before entering the room

For all staff

## Contact Precautions

in addition to Standard Precautions

**Before entering room**

- 1 Perform hand hygiene
- 2 Put on gown or apron
- 3 Put on gloves

**On leaving room**

- 1 Dispose of gloves
- 2 Perform hand hygiene
- 3 Dispose of gown or apron
- 4 Perform hand hygiene

- MRSA
- Scabies
- VRE
- Risk assessment for placement and glove and gown/apron usage
- Strict adherence to hand hygiene
- Cleaning of equipment ie: stethoscopes

# C Difficile and Handwashing

---

- Alcohol based handrubs are not effective at killing and removing C Diff spores
- Handwashing with soap and water in conjunction with glove usage
- Isolation on suspicion - frequency, antibiotic usage and viral gastro considered



**Health**  
South Eastern Sydney  
Local Health District

# Droplet precautions

in addition to standard precautions

**Visitors**  
See a nurse for information before entering the room

For all staff  
**Droplet Precautions**  
in addition to Standard Precautions

**Before entering room**

- 1 Perform hand hygiene
- 2 Put on a surgical mask

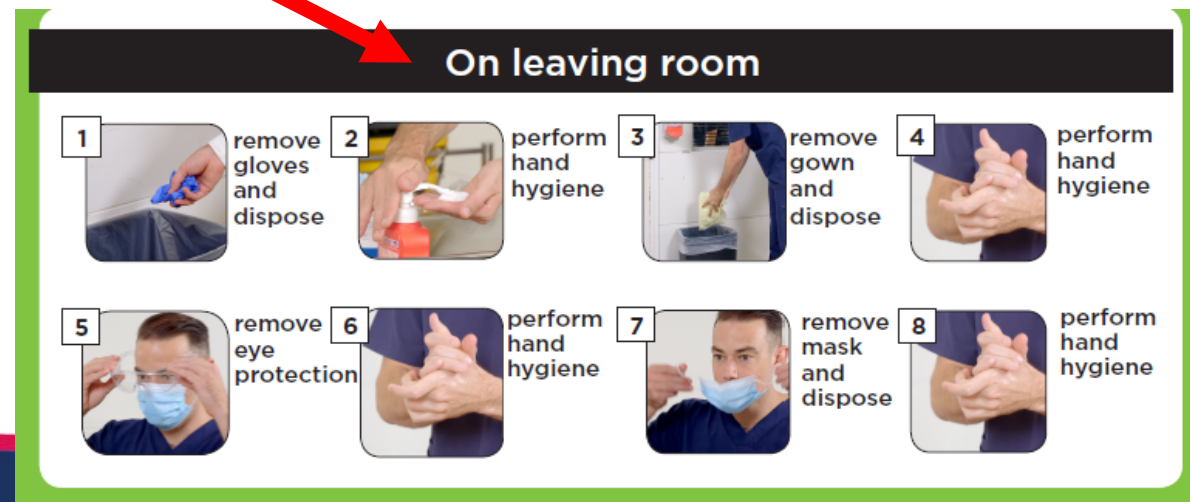
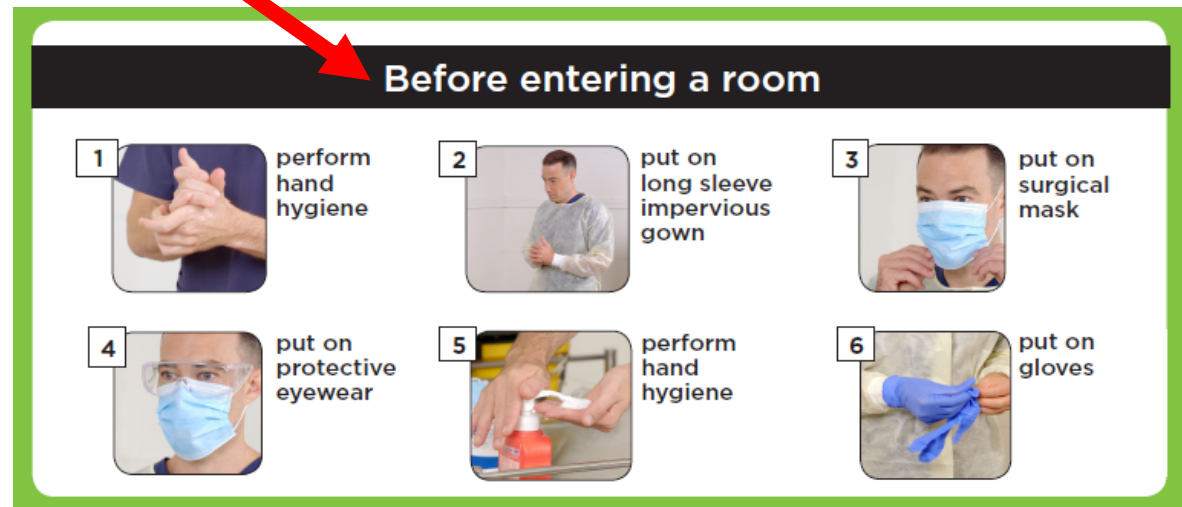
**On leaving room**

- 1 Dispose of mask
- 2 Perform hand hygiene

- Influenza
- Rhinovirus
- RSV
- hMPV
- Goggles/protective eyewear in if close proximity to the patient

# Personal protective equipment (PPE) Donning and Doffing

Mandatory PPE Donning  
and Doffing training



# Fit testing

---



## Fit testing

- Currently required every 18mths for Cat A staff working in high risk environments





# Airborne precautions

in addition to standard precautions

The poster is titled 'Airborne Precautions' and is divided into sections for visitors and staff. It includes a 'STOP' sign icon and a red banner for visitors. The main title is 'Airborne Precautions' with the subtitle 'in addition to Standard Precautions'. It lists steps for 'Before entering room' and 'On leaving room', each with numbered icons and text. A final instruction at the bottom says 'Keep door closed at all times'.

**Visitors**  
See a nurse for information before entering the room

**For all staff**

**Airborne Precautions**  
in addition to Standard Precautions

**Before entering room**

- 1 Perform hand hygiene
- 2 Put on N95 or P2 mask
- 3 Perform a fit check of the mask

**On leaving room**

- 1 Dispose of mask
- 2 Perform hand hygiene

**Keep door closed at all times**

- Pulmonary TB
- Chicken Pox
- Disseminated shingles
- Measles
- Goggles/protective eyewear

# COVID-19




## Visitors

See a nurse or midwife for information before entering


## For all staff

Contact + Droplet + Airborne Precautions  
In addition to Standard Precautions

### Before entering the patient zone

-  perform hand hygiene
-  put on long sleeve impervious gown
-  put on P2/N95 mask
-  put on eye protection
-  perform hand hygiene
-  enter patient zone and put on gloves

### On leaving the patient zone

-  remove gloves and dispose
-  perform hand hygiene
-  remove gown and dispose
-  perform hand hygiene then leave the patient zone
-  remove eye protection
-  perform hand hygiene after exiting eye protection
-  remove mask and dispose
-  perform hand hygiene

- Airborne+ Contact + Droplet Precautions
- Suspect and confirmed infection
- Neg Pressure preferred
- Not admitted to Haematology/Oncology
- Within outbreaks units on 100% exhaust



**Health**  
South Eastern Sydney  
Local Health District

# Needlestick or BBF splash injury

---

1. Apply first aid
  2. Do not squeeze – let injury bleed freely
  3. Report exposures immediately
- Monday to Friday (0800- 1630 hours)  
Page 44186
  - **After hours** - call switchboard via 9 and ask for Needlestick Assessor on call
  - ID on call

If after hours injury please contact IP&C on next working day via phone ext. 22859 and/or advice from ID on call assesor

IIMS+ notification



**Health**  
South Eastern Sydney  
Local Health District

# Preventable line related infection(s)?

---

## Contributing factors

- Dwell time
- Site selection
- Duration of therapy - ?PICC
- Hand Hygiene
- Aseptic Technique
- Documentation
- Record of PIVC insertion in iView



# UTIs and CAUTIs

- Clinically indicated?
- Hand Hygiene
- Aseptic Technique and sampling
- Documentation -record of insertion in iView
- AMS and asymptomatic bacteriuria
- Overtesting?

## BASIC PRINCIPLES FOR URINARY CATHETER INSERTION AND MANAGEMENT IN ACUTE CARE

1

Check if an indwelling catheter is clinically indicated

2

Insert the catheter using aseptic technique

3

Document catheter insertion and indication

4

Maintain asepsis and closed system while the catheter is in place

5

Only collect urine specimens for culture if clinically indicated

6

Remove the catheter as soon as it is no longer needed

7

Review CAUTIs incidents



# Notification and communication

---

- Isolation advice
- Deisolation advice
- Recognition of clusters
- Travel history: testing and isolation
- Measles and isolation
- CPE and *Candida auris* screening requirements





# IP&C - Policies and Procedures

- State, LHD, POW
- Isolation and management
- Notification processes
- Contact IPC as required

The screenshot displays the Health South Eastern Sydney Local Health District website. The header includes the NSW Government logo and the text 'Health South Eastern Sydney Local Health District'. Below the header, there is a navigation bar with 'Contact SESLHD | SESLHD Internet' and 'ABN 70 442 041 439'. A search bar is also present. The main content area features a sidebar with a list of links: Board and Governance, Clinical Governance Unit, District Clinical Services, Corporate & Legal Services, Forms and Templates, Hospitals/Facilities, Our Performance, Policies and Guidelines (highlighted), Population and Community Health, Staff Help Centre, Strategy, Innovation and Improvement, Support and District Services, and People and Culture (Workforce Services). The 'Policies and Guidelines' link is expanded, showing a list of sub-links: Ministry of Health Policy Directives and Guidelines, SESLHD Policies, Procedures and Guidelines Home, A-Z, Functional Groups, National Safety and Quality Health Service Standards, SESLHD Archived documents, NSW Ministry of Health Archived documents, Hospital sites, and Draft for Comment. The main content area includes a banner for 'On the Pulse' with the text 'The latest news across South Eastern Sydney Local Health District', a section for 'Important COVID-19 Update' with links for 'Information' and 'Vaccinations', a section for 'Shoeboxes of Christmas joy', a section for 'SES�HD Nursing & Midwifery - Our Strategy for Transforming Person - Centred Cultures 2024 - 2029', and a section for 'Exceptional Care, Healthier Lives' with a list of bullet points: 'SES�HD 2022-25 Strategy: Exceptional Care, Healthier Lives', 'Environmental Sustainability', and 'SES�HD Business Plan 2023-24'. There are also images of people and a '2023 ANNUAL PUBLIC MEETING' banner.



**Health**  
South Eastern Sydney  
Local Health District