

HOSPITAL INFECTION CONTROL COMMITTEE

OBJECTIVES:

- To establish and maintain a database describing endemic rates of HCAs. Once endemic rates are known, then the occurrence of an epidemic can be detected when infection rates exceed baseline values.
- To identify trends manifested over a finite period, such as shifts in microbial pathogen spectrum, infection rates, etc.
- To provide continuous observation of HCAs cases for the purpose of prevention and control to obtain useful information for establishing priorities for infection control activities.

FUNCTIONS:

- Develop and recommend written policies and procedures pertaining to infection prevention and control.
- Update the policies based on evolving evidence
- Recognize and investigate outbreaks of infections in the hospital.
- Educate and train healthcare workers, patients, and relatives as applicable.
- Monitor practices regularly and periodically.
- Conduct surveillance on HCAI by collecting data from respective departments, analyse and suggest appropriate measures
- Collect annual antibiogram data from microbiology department, analyse and provide feedback
- Develop, implement and monitor antibiotic policy with the antibiotic audit sub-committee
- Develop, implement and monitor infection prevention practices in operating rooms with the Theatre sub-committee
- Develop, implement and monitor airborne infection control plan with Airborne Infection Control sub-committee
- Develop and implement policies pertaining to isolation
- Implement and monitor biomedical waste management
- Provide guidance on setting up of infrastructure, engineering and ventilation that would minimize the risk of infection
- Communicate effectively with concerned staff/ department
- Stay updated with the current developments

LIST OF HICC MEMBERS

Sr. No.	Name	Designation	Position
1.	Dr. Shailesh Mohite	Dean	Chairman
2.	Dr. Reena Set	HOD Microbiology	Convener
3.	Dr. Satish Dharap	HOD General Surgery	Co-Convener
4.	Dr. Nishat Khan	Addl.Professor, Department of Microbiology	Secretary
5.	SR.Neena Kelkar	Designated nursing Staff	Infection Control Nurse
6.	S/N Tanvi Haryan	Designated nursing Staff	Infection Control Nurse

LIST OF OTHER MEMBERS AND INFECTION CONTROL OFFICERS

Sr. No.	Name	Department	Designation
1.	Dr.Chetana K Dr.Gautam Kale	Deputy Dean Assistant Dean	Member and I/c in absence of Dean
2.	Dr. Rosemarie D'souza	HOD Medicine	Member
3.	Dr. Alka Gupta	HOD OBGY	Member
4.	Dr. Surbhi Rathi	HOD Pediatrics	Member
5.	Dr. Mala Kaneria	Professor, Medicine	Member
6.	Dr Unnati Desai	Professor Addl & I/C Chest Medicine	Infection control officer and Member
7.	Dr. Pravin Ubale	Addl. Professor Anesthesia	Infection control officer and Member

8.	Dr. Heena Desai	Asst. Professor , Blood bank	Infection control officer and Member
9.	Dr. Ekta Patil	Asst. Professor Microbiology	Infection control officer and Member
10.	Dr. Pravin Dhage	Asst. Professor Pharmacology	Infection control officer and Member
11.	Dr Akshay Pawar	Asst. Professor Orthopedics	Infection control officer and Member
12.	Dr.Sudatta Waghmare	Asst. Professor Surgery	Infection control officer and Member
13.	Dr. Onkar Joshi	Asst. Professor Medicine	Infection control officer and Member
14.	Dr. Chaitanya Gaikwad	Asst. Professor OBGY	Infection control officer and Member
15.	Asst. Professor	Nephrology Cardiology CVTS	Infection control officer and Member
16.	Mrs. Madhuri Doiphode	Pharmacy/CCSD in charge	Member
17.	Mrs. Trupti Sagvekar	Matron	Member
18.	Senior resident	Microbiology	Infection control officer and Member
19.	SR Kalpana Kale	OT Superintendent/ OT sister in-charge	Member
20.	Link Nurses	Wards – Surgery, Medicine, Cardiac OT, EMS	Member
21.	Mr. Ashish Desai	Civil Engineering	Member
22.	Mr. Milind Wani	Mechanical & Electrical Engineering	Member
23.	Avinash Modake	Biomedical Engineer (ME Cell)	Member
24.	Amit Mhatre	Time Keeper	Member

ROLES AND RESPONSIBILITIES:

Chairman:

- Serve as the chairperson of the committee and nominate the convener / secretary.
- Constitute sub-committees to oversee specific infection prevention plans.
- Ensure that appropriate resources in terms of manpower, equipment and consumables are available at all times to prevent the risk of infection.
- Ensure that effective arrangements are in place for infection prevention and control and that appropriate resources are made available to manage the risks of infection.
- Promote a culture of safety and accountability in all staff members.
- Approve suggestions of the committee and authorize the committee to monitor compliance.
- Approve the list of committee members and their role.
- Review the data on HCAs and approve suggested corrective measures.
- In absentia, authorize Deputy Dean to chair the committee.

Secretary / Convener

- Report directly to Dean.
- Convene meetings after obtaining consent from the chairperson.
- Identify the agenda / points of discussion for these meetings.
- Oversee local infection control policy implementation with ICC, ICO and ICN.
- Authorized by chairperson / Dean, to intervene when inappropriate practices are brought to notice by ICD / ICN.
- Assess the impact of current practices, provide feedback to department/s and section /s and with HICC plan appropriate interventions if needed.
- Prepare and communicate the annual report on HCAs with feedbacks received from clinical department heads especially with reference to device associated infections and surgical site infections.
- Prepare and communicate the antibiogram of various clinical departments with feedback from Microbiology especially of multi-drug resistant organisms.
- Plan and conduct training of different healthcare workers with the respective heads of department, designated department coordinator and other members of HICC.
- Plan an annual surveillance program of healthcare workers with designated department and HICC members.
- Any other activity as identified by Dean.

Infection control Officer:

- The ICO supervises the surveillance of healthcare associated infections.
 - He/she supervises the various infection control programs.
 - Co-ordinate with the HICC in planning Infection Control Programme and Policies.
 - Develops SOPs for various Infection Control Practices.
 - Compile and disseminate data on monitoring of various infection control practices like hand hygiene audit, in-use disinfection testing, environmental microbial surveillance etc. to the stake holders.
 - Compile and present the data of HAIs, hand hygiene audit, disinfection testing, Occupational exposure events, environmental testing etc. in the HICC Meetings.
 - Keep a track of any developing outbreaks. Plan and participate in appropriate management of an outbreak.
 - Participate, guide in research activities related to infection control practices and publish them.
 - Advise on the appropriate use of antibiotics.
 - Ensuring safe laboratory practices to prevent laboratory acquired infections among staff.
- Monitoring sterilization, disinfection and the environment where necessary.

Infection control nurses:

The ICN is the link between the HICC and the wards/ICUs etc. in identifying problems and implementing solutions.

- The ICN conducts daily Infection control rounds and records his observation. He maintains records and statistics regarding IC activities.
- During the infection control rounds he does active surveillance for the four common HAIs namely, CLABSI (Central Line Associated Blood Stream Infection), CAUTI (Catheter Associated Urinary Tract Infection), VAP (Ventilator Associated Pneumonia) and SSI (Surgical Site Infection).
- The ICN ensures that all relevant positive culture cases are traced inpatient unit, if it complies with the definition of a HAI, a hospital infection surveillance sheet or surgical site infection sheet is filled and recorded.
- Work as a clinical supervisor by ensuring all the established policies and protocols are practiced like hand washing procedures, use of hand rubs, isolation policies, care of IV and vascular access, urinary catheters, universal precautions, housekeeping, cleaning and disinfection, PPE, equipment cleaning, etc.
- Performs on-site auditing of various Infection control practices especially, universal precautions like hand hygiene, use of PPE etc.

- Liaison between laboratory and ward staff: Informing head of department and giving advice on infection control issues.
 - Immediate attention in Needle Stick Injuries (NSIs) and other occupational exposures and facilitates post-exposure measures. Maintains registers and data of Sharps/NSIs and Post-exposure prophylaxis.
 - Notification of communicable diseases and other notifiable disease to the ICO.
 - The ICN is involved in education of practices minimising healthcare associated infections and hand hygiene among healthcare workers.
 - Informs anomalous/irrational use of antibiotics to ICO that must be discussed in HICC meetings.
 - Monitoring engineering activities like maintenance of water filters/RO plants registers and cleaning register of water tanks etc.
- Conducts special tasks given to him/her as per components and objectives of the hospital infection prevention and control.

Link Nurse

- Assist the HICC team in planning, implementation & evaluation of infection prevention & control measures.
- Participates in committees and meetings.
- Responsible for collection of targeted surveillance of hospital acquired infection (HAI) eg. (CAUTI, CRBSI, SSI, VAP, NSI, Hand hygiene) in wards, intensive care unit (ICCU) and High dependency unit (HDU)
- Assist the HICC team in identifying, controlling, and preventing outbreaks of infection. Notify multidrug resistant communicable organisms eg. MRSA to HICC and follows isolation and barrier practices for such a patients in their wards.
- Maintenance of cleaning and disinfection, deep weekly cleaning at cardiac ICU & HDU
- Part of the team that carries out audit in various aspect of infection.
 - To find out hospital infection rate by doing various Audit in targeted area.
 - Data collection regarding audit.
- Education
 - Organize training program and educational material.
 - Create awareness to control & Prevention hospital acquired infection.

Members:

- Promote a culture of safety in their own settings and in the hospital.
- Participate actively to achieve the objectives.
- Assist in investigating outbreaks as applicable.
- Plan, implement and update Infection Control Manual.
- Conduct training of their department staff on appropriate practices of infection prevention and control.

- Pharmacist to develop and ensure that the sterilization and disinfection practices are appropriate.
- Pharmacist to collect and review data periodically on antimicrobial indents from various departments.

Venue and frequency of meetings:

The Infection Control Team shall meet approximately once a month and HICC Committee shall meet approximately 4 times per year and at the call of the chairperson.