

FEHJ/ADMIN/2021/27

Dated: 21.05.2021

The Member Secretary
Rajasthan State Pollution Control Board
4, Institutional Area
Jhalana Doongri, Jaipur.

Subject: Submission of Annual Report in Form IV on Bio-medical Waste Generation for the period 1st January, 2020 to 31st December, 2020.

Dear Sir,

As per above subject, please find attached Annual Report in Form IV on Bio-medical Waste Generation of Fortis Escorts Hospital, 214, JLN Marg, Malviya Nagar, Jaipur (A Unit of Escorts Heart and Super Speciality Hospital Limited) for the period 1st January, 2020 to 31st December, 2020.

Please acknowledge the receipt of the same.

Thanking You.

Yours Faithfully,

For Escorts Heart and Super Speciality Hospital Limited


(Neerav Bansal)
Authorised Signatory



CC: The Regional Officer-Regional Office-Jaipur (South), Rajasthan State Pollution Control Board, 08/263, Housing Board, Malviya Nagar, Jaipur-302017.

Escorts Heart and Super Speciality Hospital Limited

CIN: U85110DL2003PLC120016

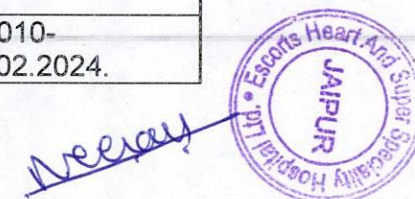
Registered Office: Escorts Heart Institute and Research Centre, Okhla Road, New Delhi - 110025 (India)

Tel: +91-11-2682 5000, Fax: +91-11-4162 8435

Form – IV
(See rule 13)
ANNUAL REPORT

[To be submitted to the prescribed authority on or before 30th June every year for the period from January to December of the preceding year, by the occupier of health care facility (HCF) or common bio-medical waste treatment facility (CBWTF)]

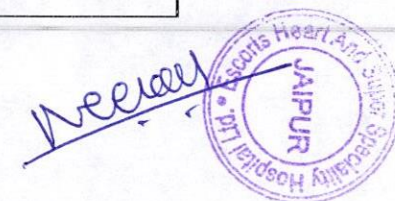
Sl. No	Particulars		
1	Particulars of the Occupier	:	
	(i) Name of the authorised person (occupier or operator of facility)	:	Mr. Neerav Bansal
	(ii) Name of HCF	:	Escorts Heart and Super Speciality Hospital Limited
	(iii) Address for Correspondence	:	214, JLN Marg, Malviya Nagar, Jaipur-302017
	(iv) Address of Facility	:	214, JLN Marg, Malviya Nagar, Jaipur-302017
	(v) Tel. No, Fax. No	:	0141-2547000; 0141-2547002
	(vi) E-mail ID	:	contactus.jaipur@fortishealthcare.com
	(vii) URL of Website	:	www.fortishealthcare.com
	(viii) GPS coordinates of HCF	:	NA
	(ix) Ownership of HCF	:	Private
	(x). Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	:	F(BMW)/Jaipur(Jaipur)/296(1)/2010-2011/2625-2627; valid up to 29.02.2024.
	(xi). Status of Consents under Water Act and Air Act	:	F(BMW)/Jaipur(Jaipur)/296(1)/2010-2011/2628-2630; valid up to 29.02.2024.



2	Type of Health Care Facility	:	
	(i) Bedded Hospital	:	No. of Beds: 275
	(ii) Non-bedded hospital	:	
	(Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)		
	(iii) License number and its date of expiry		F(BMW)/Jaipur(Jaipur)/296(1)/2010-2011/2628-2630; valid up to 29.02.2024.
3	Details of CBMWTF	:	
	(i) Number healthcare facilities covered by CBMWTF	:	NA
	(ii) No of beds covered by CBMWTF	:	NA
	(iii) Installed treatment and disposal capacity of CBMWTF:	:	NA
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF	:	NA
4	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)		Yellow Category: 2122.07
			Yellow Cytotoxic: 188.67
			Red Category : 3013.41
			White: 56.48
			Blue Category : 607.47
			General Solid waste: NA
5	Details of the Storage, treatment, transportation, processing and Disposal Facility		
	(i) Details of the on-site storage facility	Size:	NA
		Capacity :	NA
	Provision of on-site storage: (cold storage or any other provision): NA		



(ii)Details of the treatment or disposal facilities	Type of treatment equipment	No. of units	Capacity Kg/day	Quantity Treated or disposed in kg per annum
	Incinerators			
	Plasma Pyrolysis			
	Autoclaves			
	Microwave			
	Hydroclave			
	Shredder			
	Needle tip cutter or destroyer			
	Sharps encapsulation or concrete pit			
	Deep burial pits:			
	Chemical disinfection:			
	Any other treatment equipment:			
(iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in kg per annum.	: Red Category (like plastic, glass etc.) - NA			
(iv) No of vehicles used for collection and transportation of biomedical waste	: Only authorised vehicle is used for BMW. List of authorised vehicles is attached herewith.			
(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum	Incineration Ash ETP Sludge	Quantity generated NA	Where disposed NA	

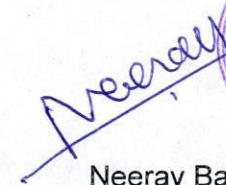


	(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	Instromedix (India) Private Limited
	(vii) List of member HCF not handed over bio-medical waste.	NA
6	Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period	Yes, Minutes of the Meeting are attached herewith.
7	Details trainings conducted on BMW	
	(i) Number of trainings conducted on BMW Management.	97
	(ii) Number of personnel trained	249
	(iii) Number of personnel trained at the time of induction	185
	(iv) Number of personnel not undergone any training so far	9
	(v) Whether standard manual for training is available?	Yes
	(vi) any other information	
8	Details of the accident occurred during the year	(NIL report in Form 1 is attached herewith)
	(i) Number of Accidents occurred	No
	(ii) Number of the persons affected	No
	(iii) Remedial Action taken (Please attach details if any)	No
	(iv) Any Fatality occurred, details.	No
9	Are you meeting the standards of air Pollution from the incinerator? How many times in last year could not met the standards?	NA
	Details of Continuous online emission monitoring systems installed	No such system installed
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a	NA



	year?	
11	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?	Yes
12	Any other relevant information	No

Certified that the above report is for the period from 01.01.2020 to 31.12.2020.



 Neerav Bansal

Name and Signature of the Head of the Institution

Date: 21/05/2021

Place: Jaipur

FORM – I

[(See rule 4(o), 5(i) and 15 (2))]

ACCIDENT REPORTING

Nil Report

1. Date and time of accident:
2. Type of Accident:
3. Sequence of events leading to accident:
4. Has the Authority been informed immediately:
5. The type of waste involved in accident:
6. Assessment of the effects of the accidents on human health and the environment:
7. Emergency measures taken:
8. Steps taken to alleviate the effects of accidents:
9. Steps taken to prevent the recurrence of such an accident:
10. Does your facility have an Emergency Control policy? If yes give details:

Date: 21/05/2021

Place: Jaipur



Signature:

Designation: Authorized Signatory

MINUTES OF MEETING

INFECTION CONTROL COMMITTEE

FORTIS ESCORTS HOSPITAL, JAIPUR

1. Date: 5th May 2020, Time 12.00 Noon-01:00 PM
2. No. of members in the committee: 30
3. No. of members attended the meeting: 20
4. Chairman, Convener and Mandatory members present: Yes
5. Details of essential members who neither attended nor sent a representative: none
6. Agenda circulated prior to meeting: Yes
7. Discussion on Action taken report on action items/recommendations from previous meeting: Yes
8. Details of action items open from previous meetings: 0
9. Details of action items open from previous two meeting: 0

Agenda and discussion

Agenda for meeting

- Action taken report previous ICC meeting.
- HAI rates
- Biomedical waste updates
- Hospital infection control policy for Covid -19

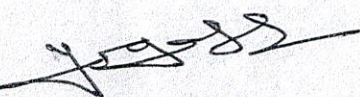
Discussion

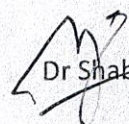
1. No pending action point for last ICC meeting.
2. HAI rates of last 3 months has been shared with committee.
3. Biomedical waste audits: weekly and monthly audit reports were shown. The deficiencies and corrective actions taken were also shared.
4. Different policies for various aspects of infection control were shared with committee. Following are the salient features: -
 - a. All Staff including staff nurse, technician, doctors & other staff should give details of their spouse and other family members.
 - b. If spouse of any staff is working with covid-19 positive patients of any other hospital, the concern staff should be quarantine for 14 days
 - c. After completion of duty in isolation area of the hospital, testing should be done before resuming the duties.
 - d. Re-processing of N-95 mask has been started by hot air oven at 70 C for 30 min.
 - e. Hand rubs should be available in all donning and doffing areas.
 - f. Big dustbins should be provided in all donning and doffing areas.
 - g. Staff should be educated regarding fit testing.
 - h. Size of doffing area in ground floor should be increase.

- i. Video display for donning and doffing will be done in all doffing areas.
- j. In OPD areas all patients and their attendants must wear mask.
- k. Hydroxychloroquine will be provided to staff working in covid area after consultation with consultant.
- l. Attendants should not be allowed in ICUs. Only one attendant will be allowed in wards and he/she should not be allowed to go outside the hospital.

Timeline & responsibility

S.NO	Action Item	Responsibility	Expected Closure Date	Inter dependencies
1	Biomedical waste from Covid -19 area will be discarded as per guideline for handling, treatment and disposal of waste generated during treatment/diagnosis/quarantine of Covid-19 patients updated on 18 th April 2020	Head housekeeping	Immediately	Infection control team
2	Management of dead bodies of Covid-19 positive patients will be done as per Guideline on dead body management updated on 15th march 2020	Head housekeeping	Immediately	Infection control team
3	All the staff should be educated regarding Donning and doffing of PPEs, and fit testing of N-19 masks	Infection control team	Immediately	
4	Video display of donning and doffing in all the doffing area	Dr. Shrikant Swami	31 st May 2020	
5	In OPD areas all patients and their attendants must wear mask	All to note	Immediately	
6	Hydroxychloroquine will be provided to staff working in covid area after consultation with consultant	Dr. Tejbir	Immediately	
7	Attendants should not be allowed in ICUs. Only one attendant will be allowed in wards and he/she should not be allowed to go outside the hospital	Ms Nihar / Lt. Col Manan	Immediately.	


Dr. Yogesh Kr Gupta
Convener


Dr. Shabbar HK Joad
Chairman

MINUTES OF MEETING

Name of the Unit - Jaipur

Name of the Committee - Infection Control Committee

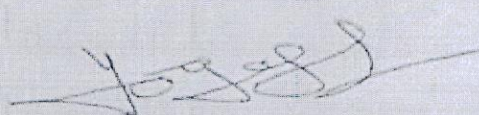
1. Date: 24 Sep 2020, Time 2.00 PM – 3.00 PM
2. No. of members in the committee: 30
3. No. of members attended the meeting: 20
4. Chairman, Convener and Mandatory members present: Yes
5. Details of essential members who neither attended nor sent a representative: none
6. Agenda circulated prior to meeting: Yes
7. Discussion on Action taken report on action items/recommendations from previous meeting: Yes
8. Details of action items open from previous meetings: 0
9. Details of action items open from previous two meeting: 0
10. Summary of Discussion on reports/documents of all essential Agenda items presented: As per the action points mentioned

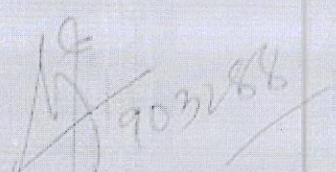
Agenda and discussion

Agenda for meeting

- Action taken report previous ICC meeting.
- HAI rates
- Status update Covid 19
- Hand hygiene Compliance and NSI Rate
- BMW Segregation Gap Analysis & Closures
- Status IC audits & Closures
- Environmental Surveillance Reports, Deviations & closures
- Update on Food Handler Screening Records
- Engineering infection prevention measures
- Status updates surgical prophylaxis

Action point	Action item	Responsibility	Closure date	Interdependency
1. CAUTI	Training regarding Catheter insertion & Maintenance Analysis pointer should have details of type of catheter	Infection control team	30/10/20	
2. CLABSI	Monitoring practices of central line maintenance Cases to be discussed in detail with central line insertion team, Intensivist & treating team	Dr. Yogesh Kumar Gupta	Ongoing	
3. Surgical Prophylaxis	Meeting with CIVS & Neurosurgery team	Dr. Yogesh Kumar Gupta Dr. Shrikant Swami	30/10/20	Mr. Varun to facilitate the meeting
4. Sharp Injury	Education on needle stick injury prevention	Nursing team	Ongoing	
5. Surgical site infection	Cases to be discussed with surgeon	Dr. Yogesh Kumar Gupta	Ongoing	
6. Hand hygiene compliance	Continuous education to all healthcare workers	Infection control nurse	Ongoing	Dr. Yogesh Kumar Gupta
7. Biomedical waste	Education regarding segregation of biomedical waste	Infection control team	Ongoing	
"	Cleaning of biomedical waste bins	Housekeeping staff	Ongoing	Mr. Bhanu (Head housekeeping)
"	Education regarding Handling, Treatment and Disposal of Waste Generated during Treatment/Diagnosis/Quarantine of COVID-19 Patients	Infection control nurse	Ongoing	Dr. Yogesh Kumar Gupta
8. High risk contact	Will be Quarantine for 14 days	Mr. Subrato (Head HR) Dr. Shrikant Swami	Ongoing	Dr. Yogesh Kumar Gupta
9. Single attendant	Single attendant is allowed with IPD patients - to be checked on daily basis	Security Naveen Bajpee	Ongoing	


Dr. Yogesh Kr Gupta
Convener


Dr. Shabbar UK Jod
Chairman

MINUTES OF MEETING

Name of the Unit - Jaipur

Name of the Committee - Infection Control Committee

1. Date: 22 Dec 2020, Time 3.00 PM – 4.00 PM
2. No. of members in the committee: 30
3. No. of members attended the meeting: 24
4. Chairman, Convener and Mandatory members present: Yes
5. Details of essential members who neither attended nor sent a representative: none
6. Agenda circulated prior to meeting: Yes
7. Discussion on Action taken report on action items/recommendations from previous meeting: Yes
8. Details of action items open from previous meetings: 1
9. Details of action items open from previous two meeting: 0
10. Summary of Discussion on reports/documents of all essential Agenda items presented: As per the action points mentioned

Following agenda was discussed

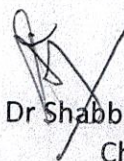
- Previous meeting MOM were approved
- Action taken report previous ICC meeting are reviewed – no open points.
- HAI rates – were discussed for the month of Sep 2020 to Nov 2020.
- Status update Covid 19 – following changes were accepted by the members –
 - a. Dedicated floor (3rd floor) for suspected and confirm positive covid 19 cases
 - b. Opening of hospital entry gate towards la femme OPD
 - c. Staff list shared with Government authorities for Covid 19 Vaccination
- Hand hygiene Compliance and NSI Rate
 - a. Hand hygiene Compliance and NSI Rate were discussed for the month of Sep 2020 to Nov 2020
- BMW Segregation Gap Analysis & Closures - gaps were identified and shared for action.
- Status IC audits & Closures – were reviewed and found satisfactory
- Environmental Surveillance Reports, Deviations & closures
 - a. No deviation observed
- Update on Food Handler Screening Records
 - a. No deviation observed
- Engineering infection prevention measures
 - a. Records reviewed
- Status updates surgical prophylaxis - was discussed in detail, meeting with respective department is to be done.

Timeline & responsibility

Action point	Action item	Responsibility	Closure date	Interdependency
1. CAUTI	Continue training on catheter insertion and maintenance	Infection control team	Ongoing	
2. CLABSI	Continue training on central line insertion and maintenance	Infection control team	Ongoing	
3. VAP	Training of all the resident doctors of ICU & triage for intubation and maintenance of ventilation	Dr. Shabbar H K Joad	15/1/2021	Infection control team
4. Surgical Prophylaxis	Neurosurgery team	Dr. Shrikant Swami	15/1/2021	Dr. Yogesh Kumar Gupta
5. Sharp Injury	Education on needle stick injury prevention	Nursing team	Ongoing	Infection control team
6. Surgical site infection	Cases to be discussed with surgeon	Dr. Yogesh kumar Gupta	Ongoing	
7. Hand hygiene compliance	Continuous education to all healthcare workers	Infection control nurse	Ongoing	Dr. Yogesh Kumar Gupta
8. Biomedical waste	Biomedical waste weekly and monthly audit report shared. Regular training regarding biomedical waste management	Infection control nurse	Ongoing	Dr. Yogesh Kumar gupta
9. Covid updates	Staff list shared with Government authorities for Covid 19 Vaccination			
"	Dedicated floor (3 rd floor) for suspected and confirm positive covid 19 cases			



Dr. Yogesh Kr Gupta
Convener



Dr Shabbar HK Joad
Chairman


Dear Team

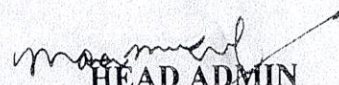
we would like to inform you that following vehicle will visit your hospital for collection of Bio Medical Waste:

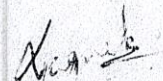
Authorized Vehicle Number
RJ -14- GE-0250
RJ -14- GE-7821
RJ -14-GD-7316
RJ-14-GD-2062
RJ-14-GC-7155
RJ-14-GF-6244
RJ-14-GB-3716
RJ-14-GF-3267
RJ-14-GF-5331
RJ-14-GB-5267

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Thanks & Regards
S K Choudhary
Account Department : Instromedix India Pvt Ltd
9772-123-777


HK HEAD


ESO


HEAD ADMIN


MS / DMS