



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

Form - IV

(See rule 13)

Bio Medical Waste Annual Return for the Calender Year - 2024

| | | |
|---|--|--|
| Application Type: HCF | Calender Year 2024 | Submit To SRO-Nagpur I |
| Member of CBMWTF: Yes | | |
| Type of Health Care Facility Bedded | | |
| 1) Particulars | | |
| i) First Name VARUN | ii) Middle Name CHANDRAPRAKASH | iii) Last Name BHARGAVA |
| iv) Designation MANAGING DIRECTOR | v) Aadhaar No ●●●●●●2654 | vi) PAN No ●●●●●554C |
| vii) Address as per Aadhaar Card FLAT NO 502 ENRICO HEIGHTS SOMALWADA WARDHA ROAD REDISSION BLU VIVEKANAND NAGAR NAGPUR 440015 | viii) Tel. No. ●●●●86120 | ix) Fax No. 07122420158 |
| x) e-mail carenagpur@carehospitals.com | xi) URL of website www.carehospitals.com | |
| 2) Details of Health Care Facility | | |
| i) Name of the HCF GANGA CARE HOSPITAL LTD (UNIT OF CARE HOSPITALS NAGPUR) | ii) Email carenagpur@carehospitals.com | iii) Name of the contact person Satish Tata |
| iv) Contact No. ●●●●6120 | | |
| 3) Address of the Health Care Facility | | |
| i) Building Name/Building No./Survey Number GANGA CARE HOSPITAL LTD (UNIT OF CARE HOSPITALS NAGPUR) /SURVEY NO 120 | ii) Street / Village 3 FARMLAND PANCHSHEEL SQUARE RAMDASPETH | iii) City / Taluka NAGPUR |
| iv) District Nagpur | v) Pin-Code Number 440012 | vi) Near by Landmark |
| vii) Latitude coordinate 21.1386033 | viii) Longitude coordinate 79.0787225 | ix) Ownership Private |
| 4) Details of valid Combined Consent and BMW Authorization (CCA) | | |
| i) CCA / Authorization No. Format1.0/CC/UAN No.0000154762/CO/2305000519 | ii) Valid Upto Dec 31 2026 12:00:00:AM | |
| 5) Total No of Beds (As per valid Authorization) | 105 | |
| 6) Registration Number (e.g. Bombay Nursing Home reg. no.,MSDC,MBTC) | 676 | |
| 7) Registration Expiry Date | Mar 31 2027 12:00:00:AM | |

| | | |
|---|--|------------------------|
| 8) Faculty of Medicine 1 | | |
| 9) Details of membership of common bio-medical waste treatment facility (CBMWTF) Yes | | |
| Name of CBMWTF | M/s. M/s. Superb Hygiene Disposals, Nagpur | |
| Membership Number | SHD/24/25/002563 | |
| Number of beds | 105 | |
| Validity of Membership | 31-12-2025 | |
| 10) Details of BMW | | |
| i) Authorized Bio Medical Waste Quantity Kg/month (as per valid CCA) | | |
| Yellow 1500.00000 | Red 1750.00000 | Blue 500.00000 |
| | | White 300.00000 |
| ii) Bio Medical Waste Generated (Kg/Month) | | |
| Yellow 700.00000 | Red 885.00000 | Blue 35.00000 |
| | | White 53.00000 |
| iii) Quantity of Biomedical waste given to CBMWTF (kg/Month) | | |
| Yellow 700.0000 | Red 885.0000 | Blue 35.0000 |
| | | White 53.0000 |
| 10.(a) General Solid Waste (kg/Month) 1375.0000 | | |
| 11) Details trainings conducted on BMW | | |
| i) Number of trainings conducted on BMW Management. 69 | | |
| ii) Number of personnel trained 884 | | |
| iii) Number of personnel trained at the time of induction 24 | | |
| iv) number of personnel not undergone any training so far | | |
| v) whether standard manual for training is available? Yes | | |
| vi) any other information NIL | | |
| 12) Details of the accident occurred during the year | | |
| i) Number of Accidents occurred 2 | | |
| ii) Number of the persons affected | | |
| iii) Remedial Action taken (Please attach details if any) Yes | | |
| iv) Any Fatality occurred, If yes details. No | | |
| 13) Details of Liquid waste generated and treatment methods (STP and ETP) | | |
| i) STP | Yes | Capacity (CMD) 75 |
| ii) ETP | No | Capacity (CMD) |
| 14) Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year? Yes | | |

15) Whether HCE intended to Sale / Handover liquid BMW for R&D purpose

No

Place
NAGPUR

Designation
MANAGING DIRECTOR

Date
30-04-2025

FORM – I
[(See rule 4(o), 5(i) and

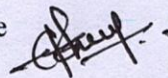
15 (2)]ACCIDENT

REPORTING

1. Date and time of accident: 14TH FEB 2024, 5.30 PM/ 22ND NOV 2024 11AM.
2. Type of Accident : Needle Stick Injury
3. Sequence of events leading to accident: Improper segregation of Biowaste and in-adherence to the Biowaste policy
4. Has the Authority been informed immediately : Yes
5. The type of waste involved in accident : White Category
6. Assessment of the effects of the accidents on human health and the environment: The affected employee assessed by Doctor and Needle Stick Injury protocol was followed.
7. Emergency measures taken: Viral markers were done as per the Doctor advice.
8. Steps taken to alleviate the effects of accidents: Vaccination completed.
9. Steps taken to prevent the recurrence of such an accident: Training done and monitoring strengthen.
10. Does you facility has an Emergency Control policy? If yes give details: Yes, we have needle Stick injury policy, spill management policy.

11. Date : 27/12/2024

Signature



Place: Nagpur

Designation: ICN

CARE HOSPITAL, NAGPUR
NEEDLE STICK / SHARP INJURY REPORT

1. Name of HCW: *Yogesh Badode*
2. Section of the HCW: *House Keeping Deptt.*
3. Employment No:
4. Date of Needle stick/Sharp injury: *22/11/2024*
5. Date of Reporting to Casualty: *22/11/2024*
6. Site & Depth of injury: *RT Index finger / Superficial prick / Slight blood*
7. Nature of injury: Needle prick / Sharp cut / Laceration / Splash of fluid / Splattered Glass
8. Action taken in Casualty: *- Source case is unknown*
- Employee's virology tests advised to know baseline status
9. HBV Vaccination Given (Date): Yes/No

| | |
|-------------|--------------------|
| 1. <i>✓</i> | 2. <i>Nov 2024</i> |
| 3. <i>-</i> | 4. <i>-</i> |
10. Brand Name : *-*
11. Route of Administration: Intradermal / Intramuscular *✓*
12. HBIG: YES/ NO *-*
13. Anti HBsAg Titre: *-*
14. HBsAg (Baseline): *✓* Positive / Negative
15. Information about the source of contamination (if available) *not known*
16. Weather the patient has symptoms of HIV infection or no symptoms *no*
17. Serum sent for (report to be entered in follow up visit)

| | | | |
|----------------------|-------------------|----------------------|-------------------------------|
| 1. Anti HIV <i>✓</i> | 2. HBsAg <i>✓</i> | 3. Anti HCV <i>✓</i> | 4. CD4---CD 8 Counts <i>✓</i> |
|----------------------|-------------------|----------------------|-------------------------------|

22/11/24
HCW

[Signature]
WARD INCHARGE

[Signature]
ICN

DEATAILS OF THE SOURCE PATIENT

1. Name of Patient:

Unknown

2. OPD No./ IPD No.:

/

3. Consultant:

/

4. Diagnosis:

/

5. Date of Admission:

/

6. Date of Discharge:

/

7. Whether the patient is

not known

HIV / HBsAG / HIV +VE

8. If Patient is HIV +ve

/

1. Symptomatic

/

2. Yes/ No

/

N.A.

CD4/CD8 Count

/

Incidence of the Prick (Detailed Description)

prick occurred during disposal of "PPC"

A needle had pierced the container from inside. The employee got pricked by the outer end of the needle. (The 'PPC' was dry i.e. without any antiseptic in it.)

In view of above Incidence, NSI is found to be due to:

1. Purely accidental and unavoidable ✓
2. Negligence on the part of HCW ✓
3. Accidental but avoidable ✓

MATRON

QUALITY

HCOO



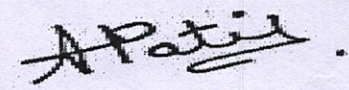
DEPARTMENT OF LABORATORY MEDICINE

| | | | |
|----------------|--------------------------|---------------|---------------------|
| Patient Name | : Mr YOGESH BADODE | Age/Gender | : 42 Years/Male |
| Sample Date | : 22/11/2024 2:46PM | UHID/IP No | : 110404487 |
| Receiving Date | : 22/11/2024 3:04PM | Report Date | : 22/11/2024 4:04PM |
| Prescribed By | : Dr EMERGENCY PHYSICIAN | Report Status | : Final |
| Referred By | : | Specimen | : Serum |
| Ward / Bed No | : OPD | Lab No | : 11172751 |

INFECTIOUS DISEASE SEROLOGY

| Investigation | Result | Unit | Bio. Ref. Interval | Method |
|---------------------|--|------|--------------------|--------|
| SAG (SPOT) Note | Non Reactive It is a screening test kindly confirm by Elisa . | | | |
| HCV (SPOT). Note | Non Reactive It is a screening test kindly confirm by Elisa . | | | |
| HIV (SPOT) Note | Non Reactive It is a screening test kindly confirm by Elisa . | | | |

End Of Report



Dr AKSHAYA PATIL

CONSULTANT PATHOLOGIST

Printed at 22/11/2024 16:04 Page: 1 Of 1

Verified By: 22396

Printed By: 22396

Note:
* Clinically Correlate, Kindly discuss if necessary.
* This report relates only to the item received.

GANGA CARE HOSPITAL LIMITED

CIN : U85110MH2005PLC150811

evercare group

CARE HOSPITALS / REGISTERED OFFICE

3 Farmland, Panchsheel Square, Wardha Road, Nagpur,
Maharashtra- 440012, T: (0712)-6165656 | F: (0712)-2420158
E: carenagpur@carehospitals.com | W: carehospitals.com

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H.No. 8-2-120/86/10, 1st Floor, Kohinoor Building, Road,
No.2, Banjara hills, Hyderabad-500 034, Telangana T : (040)-61806565
E: info@carehospitals.com | W: carehospitals.com

24HRS. EMERGENCY CONTACT : 94236 23456 AMBULANCE AVAILABLE

Dr. Rx-0741318 Q.5000

RCA OF NSI

| Details of the incident | Brief description of the incident | Root Cause Analysis | Corrective Actions | Preventive Actions |
|---|---|--|--|--|
| <p>Date of Injury: 23/11/24 Department: 5TH GW HCW - HK Vaccination Status : DONE</p> | <p>A housekeeping staff member working in the 5th GW was instructed by the nursing in-charge to labeled with a biohazard sticker to the old PPC container. While handling the old container, the staff member was pricked by a needle that had protruded through the container's wall. The needle was not visibly noticeable, as only a very sharp and small tip had pierced through the container.</p> | <p>The needle tip was very small and not easily visible, making it difficult for the housekeeping staff to notice the hazard before handling the container</p> | <p>Immediate hand wash done and seen by CMO 1. The incident was promptly reported to the nursing in-charge and ICN. 2. The container was inspected, and the issue was documented. 3. Appropriate first aid and post-exposure protocols were initiated for the staff member</p> | <p>NSI week/ training to refresh alertness and reinforce best practices for preventing NSI</p> |

DEPARTMENT OF CLINICAL MICROBIOLOGY
GOVERNMENT MEDICAL COLLEGE, NAGPUR
SEROLOGY SECTION

Name : 2112121 Age/Sex : OPD/Ward/Bed :
Reg. No. 65993 Lab No. : Date of Receipt : 20-03

(1) WIDAL TEST REPORT

TO

TH

AH

BH

(2) ASO TEST :

(3) RA TEST :

(4) CRP TEST :

(5) DENGU TEST REPORT :

NS1Ag :- Positive/Negative

IgM Ab :- Positive/Negative

IgG Ab :- Positive/Negative

(6) RPR TEST: Non reactive/Reactive in

(7) PAUL BUNNEL TEST :

(8) HBsAg:

HBsAg NEGATIVE
by ELISA Test

HCV NEGATIVE
by ELISA Test

HCV

Shukla

SIGNATURE OF MICROBIOLOGIST

Remarks: Diagnostic titre VDRL \geq 1:8

Paul Bunnel Test \geq 1:256

ASO \geq 200 IU/ml

Widal Test : TO & TH \geq 1:60, AH & BH \geq 1:30

NATIONAL AIDS CONTROL ORGANIZATION

Laboratory Test Report form for HCTS Confirmatory facility

Name & Address of the SA-ICTC:

ICTC - I GMC Nagpur

Name : Surname Banode Middle Name Carmon First Name YogeshGender : ☒ Male ☐ Female ☐ TransgenderAge : 42 (years)PID No. : SAICTCMHNGP0103738 Lab ID No. : V/25 3971Date & Time of Blood Drawn : 20/3/25 (DD/MM/YY) 12:00 (HH:MM)

Test Details :

- Specimen type used for testing (tick one): Serum / Plasma / Whole Blood
- Date & Time of specimen tested : 26/3/25 (DD/MM/YY) 2:00 (HH:MM)

Note :

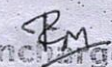
- Column 2 and 3 to be filled only when HIV 1 & 2 antibody discriminatory test(s) used
- No cell has to be left blank; indicate as NA wherever not applicable

| Column 1 | Column 2 | Column 3 | Column 4 |
|--|--|--|--|
| Name of the HIV kit | Reactive/Nonreactive (R/NR) for HIV-1 antibodies | Reactive/Nonreactive (R/NR) for HIV-2 antibodies | Reactive/Nonreactive (R/NR) for HIV-antibodies |
| <u>Tube 26</u> Test I : <u>Complex Aids</u> | NA | NA | Nonreactive |
| Test II : | NA | NA | NA |
| Test III : | NA | NA | NA |

Interpretation of the result : Tick (✓) relevant

- ☒ Specimen is Negative for HIV antibodies
 - ☐ Specimen is Positive for HIV-1 antibodies
 - ☐ *Specimen is positive for HIV antibodies (HIV-1 and HIV-2; or HIV-2 alone)
 - ☐ Specimen is indeterminate for HIV antibodies. Collect fresh sample in 2 weeks
- *Confirmation of HIV 2 sero-status at identified referral laboratory through ART centres


Name & Signature
Laboratory technician


Name & Signature
Laboratory In-charge

NEEDLE STICK / SHARP INJURY REPORT

1. Name of the HCW : Pruthviraj Khyale
2. Section of the HCW : 2nd gen. ward of Care Hosp. Nagpur
3. Employment No. : (homekeeping dept)
4. Date of Needle Stick / Sharp Injury : 14/2/2024, 5/pm
5. Date of Reporting to Casualty : 14/2/2024
6. Site & Depth of Injury : Right index finger tip, superficial.
7. Nature of Injury : Needle Prick / Sharp Cut / Laceration /
Splash of Fluid / Splattered Glass
8. Action taken in Casualty : 1) Mr. Pruthviraj has washed hands immediately after the prick
2) Details recorded
9. HBV Vaccination Given (Date) : Yes / No 1. ✓ 2. ✓
3. ✓ 4. ✓
10. Brand : ?
11. Route of Administration : Intradermal / Intramuscular ✓
12. HBIG : YES / NO
13. Anti HBsAg Titre : _____
14. HBsAg (Baseline) : Positive / Negative
15. Information about the source of contamination (if available) - pt. admitted in 2nd general ward
pt name: Mr. Sayra Band 70/L
16. Whether the patient has symptoms of HIV infection or no symptoms ✓ to Rajendra Aggarwal MD DM
(pt. Admitted today)
17. Serum sent for (report to be entered in follow up visit)
1. Anti HIV 2. HBsAg 3. Anti HCV 4. CD 4 - CD 8 Counts pt status of virology :-
CHIV
HBsAg
CHC negative

HCW

Ward Incharge

ICN

FCOO

DETAILS OF THE SOURCE PATIENT

1. Name of the Patient : Sayara Bano
 2. OPD No. / IPD No. : 10842
 3. Consultant : Dr. Rajendra Agrawal MD DM
 4. Diagnosis : (Cardiologist)
 5. Date of Admission : 14/2/2024
 6. Date of Discharge : /
 Whether the patient is
 7. HBV / HCV / HIV +ve : negative for HBV, HCV & HIV
 8. If patient is HIV +ve : SYMTOMATIC YES / NO
 CD4/CD8 COUNT

INCIDENCE OF THE PRICK (DETAILED DESCRIPTION)

prick occurred during emptying of dust bean
Dust bean was pinkish-red.
prick occurred by stearate of a vial
used on the pt.
It should have been put in a closed container.

IN VIEW OF ABOVE INCIDENCE, NSI IS FOUND TO BE DUE TO :

- a) Purely accidental and unavoidable → stearate was taken in red colour coded dust bean & not in a container.
 b) Negligence on the part of HCW ✓
 c) Accidental but avoidable ✓

Mr. Prathviraj Kungu
 may undergo his baseline
 virology blood tests
 which may be repeated after 3 months.

MATRON

DMS

ICN

(to consult Dr. Kamal K. Bagchi)
 this)

Signature
 14/2/2024
 5:30 pm



DEPARTMENT OF LABORATORY MEDICINE

| | | | |
|-------------------------|------------------------|------------------------|--------------------|
| Patient Name : | Mr PRUTHVIRAJ TANGLE | Age/Gender : | 38 Years/Male |
| Sample Date : | 15/02/2024 10:18AM | UHID/IP No : | 110384974 |
| Receiving Date : | 15/02/2024 11:15AM | Report Date : | 15/02/2024 11:50AM |
| Prescribed By : | Dr EMERGENCY PHYSICIAN | Report Status : | Final |
| Referred By : | | Specimen : | Serum |
| Ward / Bed No : | OPD | Lab No : | 11120398 |

INFECTIOUS DISEASE SEROLOGY

| Investigation | Result | Unit | Bio. Ref. Interval | Method |
|---------------------|--|------|--------------------|--------|
| BSAG (SPOT) Note | Non Reactive It is a screening test kindly confirm by Elisa . | | | |
| HCV (SPOT). Note | Non Reactive It is a screening test kindly confirm by Elisa . | | | |
| HIV (SPOT) Note | Non Reactive It is a screening test kindly confirm by Elisa . | | | |

End Of Report



BHAGYASHREE ABHAY AGASE
MD, Pathology

Verified By: 22396

Printed By: 22396

Printed at 15/02/2024 11:50 Page: 1 Of 1

Note:

* Clinically Correlate, Kindly discuss if necessary.

* This report relates only to the item received.

GANGA CARE HOSPITAL LIMITED

CIN : U85110MH2005PLC150811

evercare group

CARE HOSPITALS / REGISTERED OFFICE

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No.2, Banjara hills, Hyderabad-500 034, Telangana T:(040)-61806565

E: info@carehospitals.com | W: carehospitals.com

24HRS. EMERGENCY CONTACT : 94236 23456 AMBULANCE AVAILABLE

Dr. Rx-0741318 Q.5000

DETAILS OF NEEDLE STICK INJURY

- **Name Of The Staff :** Mr. Prithviraj Tangle (HK)
- **Date of Incidence :** 14/2/24
- **Date Of Reporting :** 14/2/24
- **Site And Depth Of Injury :** Rt. index figure tip (superficial)
- **Incident Details :** The incidence happen while emptying the waste bin, the IV stilet pricked to housekeeping staff
- **Action Taken In Casualty :** Ordered virology of staff . Advice 3H
- **Investigation :** HIV/ HCV/ HBSAG
- **Reports :** Negative (staff)
- **Vaccination :** Staff is already vaccinated with HEPATITIS B Vaccination .
- **RCA :** Breach in process of using PPC container
- **Corrective Action :** Hand wash done under tap water with and reviewed with CMO.
- **Preventive Action :** Placed a PPC container in every IV cannulation tray , Tell HK staff to wear heavy duty gloves while segregating /emptying waste bins

Ganga CARE Hospital Ltd. Nagpur
JUNE-2024

Minutes of BMW Meeting held on 20/06/2024

Agenda:

1. Welcome address
2. Meeting to be held once in Six month.
3. Urgent meeting may be called whenever required.
4. Special invitees may be called as per the agenda.
5. Important matters needing urgent action may be conveyed to the chairperson.
6. Involve nurses and technicians in training program about BMW.
7. Vote of thanks

| S. No. | Name | Designation | Sign |
|--------|-----------------------|--------------------------------|------|
| 01 | DR. VARUN BHARGAVA | CHAIRPERSON | |
| 03. | DR. KAMAL BHUTADA | DIRECTOR – CRITICAL CARE | |
| 04. | MS. ASHA KARADE | HICN | |
| 05. | MR. DEEPAK BANERJEE | AGM – OPERATIONS | |
| 06. | MR. SATISH TATA | AGM & ADMIN | |
| 07. | MR. ATULKUMAR BHUSHAN | QUALITY MANAGER | |
| 08. | DR. ASHISH KINDARLE | DY. MANAGER – MEDICAL SERVICES | |
| 09. | MS. DOROTHY SADANSHIV | ASSITANT NURSING SUPERITENDENT | |

The following points were discussed:

1. The half yearly meeting of the year 2024 was held in Conference hall in supervision of Chairperson from 3.00 pm to 4.00 pm.
2. The infection control nurse welcomed the members, Reviewed the minutes of the last meeting.
3. The infection control nurse presented the statistics of incidence of NSI, BMW generation that occurred in our hospital during the year 2024.
4. Training of all staff and helpers involved in handling Bio-Medical Waste has been carried out in a phase manner during the last six months.
5. Yearly health checkups of all personnel handling Bio-medical waste is being carried out and up to date records maintained.
6. All personnel involved in handling Bio-Medical waste are being continuously instructed to exercise due care in the discharge of their duties so that the chances of occurrence of any accident / spill is minimized. SOP of spill management was reiterated for everyone's benefit.

7. All functionaries were requested to remain vigilant in the performance of their duties and ensure that updated guidelines of Bio-Medical Waste disposal are strictly followed at all times.
8. There being no further points, the meeting was declared closed and it was decided that next meeting would be held on Dec-24.

VB

Dr. Varun Bhargava
MD

Copy to:
HCOO

Ganga CARE Hospital Ltd. Nagpur
DEC-2024

Minutes of BMW Meeting held on 28/12/2024

Agenda:

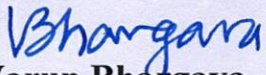
1. Welcome address
2. Meeting to be held once in Six month.
3. Urgent meeting may be called whenever required.
4. Special invitees may be called as per the agenda.
5. Important matters needing urgent action may be conveyed to the chairperson.
6. Involve nurses and technicians in training program about BMW.
7. Vote of thanks


| S. No. | Name | Designation | Sign |
|--------|-----------------------|---|------|
| 01 | DR. VARUN BHARGAVA | CHAIRPERSON | |
| 03. | DR. KAMAL BHUTADA | DIRECTOR – CRITICAL CARE | |
| 04. | MS. ASHA KARADE | HICN | |
| 05. | MR. DEEPAK BANERJEE | AGM – OPERATIONS | |
| 06. | MR. SATISH TATA | AGM & ADMIN | |
| 07. | MR. ATULKUMAR BHUSHAN | QUALITY MANAGER | |
| 08. | DR. ASHISH KINDARLE | DY. MANAGER – MEDICAL SERVICES | |
| 09. | MS. DOROTHY SADANSHIV | ASSITANT NURSING SUPERITENDENT | |

The following points were discussed:

1. The half-yearly meeting of the Period JUNE-DEC 2024 was held in Conference hall in supervision of Chairperson from 1.00 pm to 2.00 pm.
2. The infection control nurse welcomed the members, Reviewed the minutes of the last meeting.
3. The infection control nurse presented the statistics of incidence of NSI, BMW generation that occurred in our hospital during the Period of JUNE-DEC 2024.
4. Staff vaccination pending from last two months due to unavailability of Hepatitis B vaccine.
5. Discussed BMW weight according to categorization

6. Repeat vaccination for existing staff.
7. There being no further points, the meeting was declared closed and it was decided that next meeting would be held on 2025.


Dr. Varun Bhargava
MD


Dr. Kamal Bhutada