



Committed to developing "Conscientious, Confident & Caring quality nursing professionals"  
MAHARSHI KARVE STREE SHIKSHAN SAMSTHA'S

**Smt. Bakul Tambat Institute of Nursing Education**

(Affiliated to MSBNPE, MNC, MUHS & INC, NAAC Accredited) 'A' Grade



## Criterion VIII Nursing

### 8.1 Nursing Indicator

**8.1.3 Teaching hospital follows Quality care and Patient safety practices.**

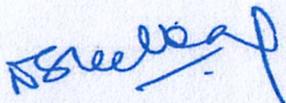
**(2024-2025)**

### **List of bundle protocols for Quality of Care and Patient Safety.**

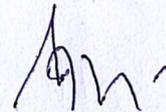
<b>Sr. no.</b>	<b>Bundle Protocol</b>
1	Hand Hygiene
2	Peripheral IV Cannulation Process
3	Central Line- Insertion Bundle
4	Central Line- Maintenance Bundle
5	Catheter-associated urinary tract infection (CAUTI) Bundle
6	Ventilator-associated Pneumonia (VAP) Bundle
7	Ventilator-associated Pneumonia: Maintenance Bundle
8	Central Line Associated Blood Stream Infection (CLABSI)
9	Peripheral Line Associated Blood Stream Infection (PLABSI)
10	Needle stick infection (NSI)
11	Reverse barrier
12	Barrier Nursing
13	Airborne infection prevention

## QUALITY POLICY

*The laboratory will strive to provide diagnostic services of best quality to its patients through a competent, motivated team of laboratory staff at a reasonable cost, for an accurate and timely diagnosis on an ethical basis and will be committed to achieve continual quality improvement, including risk management.*



**DR. DHANANJAY KELKAR**  
**Medical Director**

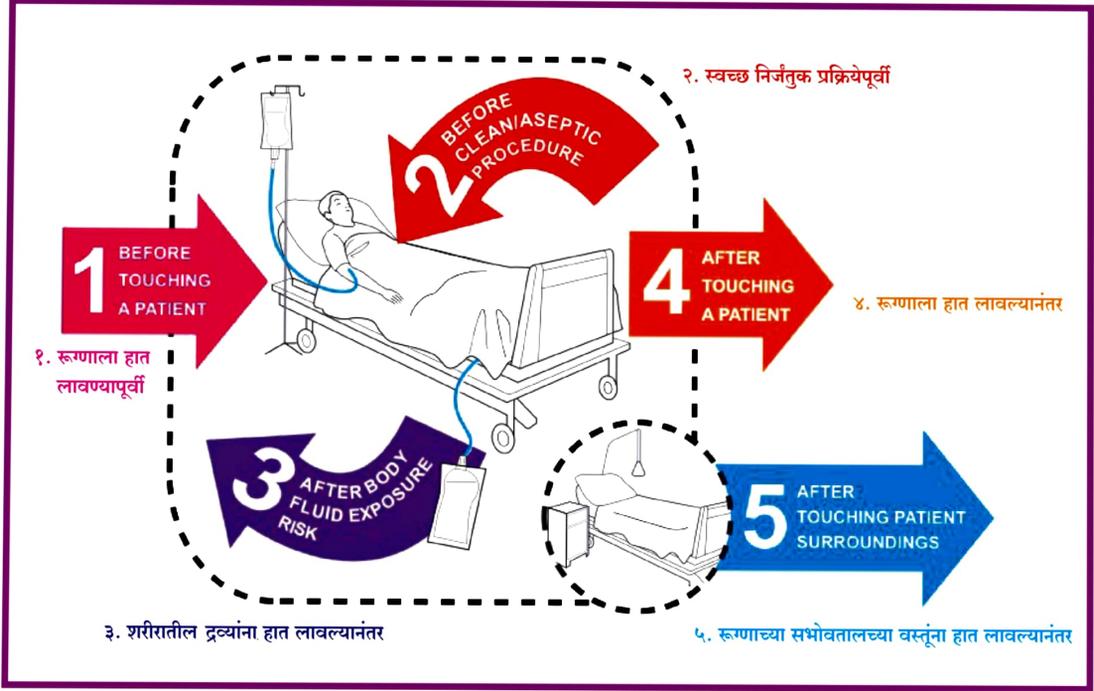


**DR. DATTATREYA PHADKE**  
**Head of Department**

**Place : Pune**

**Date : 01/01/2024**

## 5 Moments for Hand Hygiene



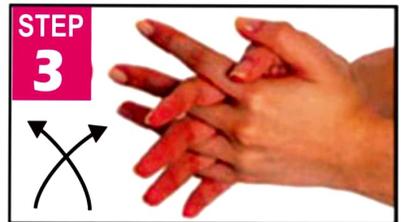
## 7 STEPS OF HAND HYGIENE



STEP 1  
Palm to Palm  
तळहात ते तळहात



STEP 2  
Palm to back, fingers over faced  
तळहाताने दुसऱ्या हाताला मागील बाजूने बोटांच्या साहाय्याने चोळणे



STEP 3  
Palm to Palm, finger interlaced  
तळहात आणि बोटे एकमेकांमध्ये अडकवणे



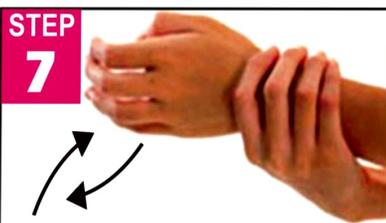
STEP 4  
Finger interlocked  
बोटे एकमेकांमध्ये अडकवणे



STEP 5  
Rotational rubbing of thumb in palm  
तळहाताने अंगठा गोलाकार पद्धतीने चोळणे



STEP 6  
Rotational rubbing of fingers in palm  
हातांची बोटे गोलाकार तळहातावर फिरवणे



STEP 7  
Rubbing of each wrist  
प्रत्येक मनगट चोळणे

◀ Step 7 : To be washed till elbows (critical areas and invasive procedures)

❖ Take 2 pumps of Hand rub / Liquid antiseptic soap solution

❖ Each step 6 times



## DEENANATH MANGESHKAR HOSPITAL AND RESEARCH CENTER

### CAUTI BUNDLE CARE

Issue No.	Issue Date	Prepared by	Approved by	Issued by
03	01-Jan-2022	Vasudha Shingte, Gayatri Wad Infection Control Associates Ujwala Kadam Infection Control Nurse	Dr. Sampada Patwardhan HOD Microbiology & Infection Control Officer	Quality Manager

# P L A B S I

Peripheral Line Associated Blood Stream Infection

- Perform Hand hygiene, select vein & apply tourniquet
- Clean and disinfect cannulation site with 2% chlorhexidine solution (e.g., AHD 3000) & wear sterile gloves
- Canulate the vein, release tourniquet & apply sterile transparent semi permeable membrane dressing (e.g., Tegaderm)
- Label the dressing with date & time, and attach needleless connectors (e.g. Q-Site) to all ports and label the IV set
- Change the dressing every 7 days or when soiled/ loosened and change the IV set every 72 hours
- Scrub all hubs with 70% alcohol swabs before every access & flush the cannula with prefilled 10 ml syringe containing 0.9% NaCl (e.g. Posiflush)
- Monitor IV related complications daily using the chart below and replace the cannula if necessary

Visual Infusion Phlebitis Score	0	No signs of phlebitis OBSERVE CANNULA
IV site appears healthy		
One of the following is evident: • Slight pain at IV site • Redness near IV site	1	Possible first sign of phlebitis OBSERVE CANNULA
Two of the following are evident: • Pain • Erythema • Swelling	2	Early stage of phlebitis RESITE THE CANNULA
All of the following signs are evident: • Pain along the path of the cannula • Erythema • Induration	3	Medium stage of phlebitis RESITE THE CANNULA CONSIDER TREATMENT
All of the following signs evident and extensive: • Pain along the path of the cannula • Erythema • Induration • Palpable venous cord	4	Advanced stage of phlebitis or start of thrombophlebitis RESITE THE CANNULA CONSIDER TREATMENT
All of the following signs are evident and extensive: • Pain along the path of the cannula • Erythema • Induration • Palpable venous cord • Pyrexia	5	Advanced stage of thrombophlebitis INITIATE TREATMENT RESITE THE CANNULA

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Lata Mangeshkar Medical Foundation's  
**Deenanath Mangeshkar Hospital & Research  
Centre**



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**C L A B S I** Insertion Bundle  
Central Line Associated Blood Stream Infection

**Perform Hand hygiene & wear required PPE**

**Put full draping on the patient & use a sterile central line insertion tray**

**Prepare skin with 2% chlorhexidine (e.g. AHD 3000) from center to the periphery**

**Select insertion site (subclavian and jugular preferred, avoid femoral) & use full length sterile USG probe cover**

**Connect 3 way and attach the adequate number of needleless connectors (e.g., Q site) to the central line**

**Apply transparent semi permeable membrane dressing (e.g., Tegaderm) in a way that the insertion site is visible**

**Label the dressing with the date and time & cover central line ports with a sterile drape**



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# CLABSI Maintenance bundle

Central Line Associated Blood Stream Infection

**Perform Hand hygiene & Scrub the hub of the needleless connector (e.g. Q-site) with an 70% alcohol swab before access**

**Flush every lumen with prefilled 10 ml syringe containing 0.9% normal saline( e.g. posiflush) intermittently & after blood draws**

**For parenteral nutrition & blood product administration: flush with 5ml pre and 20ml post administration**

**For line not in use: Flush every lumen in each shift**

**Change IV sets every 72 hours and maintain proper documentation of all changes**

**not in use & cover the ports of the lumen with a sterile drape**

**Change transparent semi permeable membrane dressing (e.g. tegaderm) at insertion site every 7 days/if oozing, loosened, soiled**

### For Blood Sample Collection

1. Collect articles required for blood sample collection
2. Scrub the hub of needleless connector (E.g., Q site) with alcohol swab before access
3. Withdraw 10 ml blood from needleless connector (E.g., Q site) with sterile technique and keep aside
4. Take another syringe and withdraw sample as required
5. Push the earlier drawn blood in lumen
6. Flush every lumen with prefilled 10 ml syringe containing 0.9% Normal saline with push-pause technique



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**C A U T I**  
Catheter Associated Urinary Tract Infection

**Perform Hand hygiene & wear sterile gloves**

**Insert the catheter using an aseptic technique and sterile equipment & single use xylocaine jelly**

**Secure the catheter to the lower abdomen & place the collection bag below the bladder but NOT on the floor**

**Ensure the catheter is free of kinks at all times**

**Use a closed drain system (with a sample collection port) & empty the bag into a clean container from time to time**

**Provide perineal and catheter care with normal saline twice a day**

**Use gloves and other PPE during manipulation of catheter or collection bag**

**Re- assess the need for indwelling urinary catheter from time to time**



Lata Mangeshkar Medical Foundation's  
**Deenanath Mangeshkar Hospital & Research  
Centre**



H-2019-0663  
Since Sep 24, 2019

DEENANATH MANGESHKAR HOSPITAL AND RESEARCH CENTER

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**V A P**  
Ventilator Associated Pneumonia

**Perform Hand hygiene & wear required PPE**

**Sedation vacation & daily trial for weaning and decannulation**

**Maintain semi-recumbent position at 30-45 degrees**

**Maintain sub-glottic suctioning at 35-45mm Hg and endotracheal cuff pressure at 25-40 cm H<sub>2</sub>O**

**Fresh new catheter to be used for oral suctioning each time**

**Oral care to be given with 0.2% Chlorhexidine in each shift**

**Use inline suction apparatus & inspiratory filters; ensure all respiratory equipment is kept dry**

**Consider de-escalation of antibiotics**



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# Needle Stick Injury

If Health Care Workers sustains Needle Stick Injury or mucosal splash:

Do not put injury site in mouth, do not squeeze, allow free bleeding;  
Wash hands with soap and water

Go to staff clinic (08:30 AM – 06:30 PM) and in ER at night time (06:30 PM-  
08:30 AM) & inform the incidence to Nursing supervisor/Head Nurse/ICN

Baseline blood samples of healthcare worker and source patient (if known)  
to be sent immediately to the lab to test for HIV, HBsAg & HCV & initiate  
incidence form in Casualty

Follow appropriate treatment regimen immediately after incidence:

Source is HIV  
Positive

Source is HIV  
& HBsAg  
Negative

Source is  
HBsAg  
positive

Source is  
Unknown

Consult the  
Infectious Disease  
Specialist and start  
Post-Exposure  
prophylaxis  
immediately

Check Hepatitis B vaccination status &  
antibody titer for the HCW and Consult  
the Infectious Disease Specialist  
immediately to decide further course of  
action

# Barrier Nursing



Please remember to:



Perform Hand Hygiene



Wear PPE (Cap, Mask, Gown, Gloves)  
and Perform the required task



Remove PPE within the unit



Perform Hand Hygiene



# Reverse Barrier



Please remember to:

Perform Hand Hygiene

Wear PPE (Cap, Mask, Gown, Gloves)  
and perform the required task

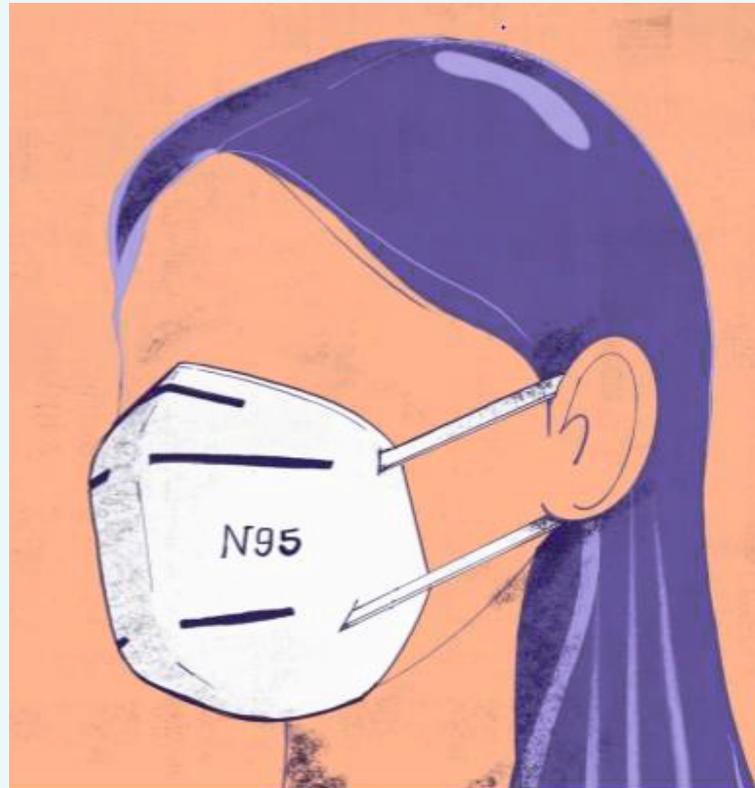
Remove PPE within the unit

Perform Hand Hygiene



# Airborne Isolation

FOR YOUR  
PROTECTION



BEFORE YOU  
START YOUR  
TASK,  
PLEASE WEAR  
A MASK

Please wear a **N95** mask before  
entering this patient's room.



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## Certificate of patient safety and quality care

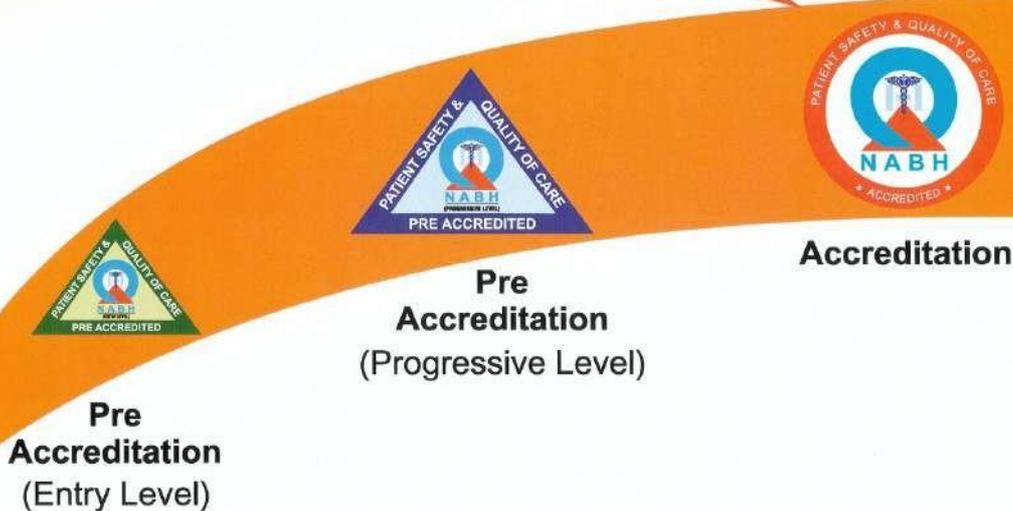
(Deenanath Mangeshkar Hospital)

# National Accreditation Board for Hospitals & Healthcare Providers

(Constituent Board of Quality Council of India)

## For Patient Safety & Quality of Care

Deenanath Mangeshkar Hospital and Research Center  
Near Mhatre Bridge, Erandawane  
Pune - 411004, Maharashtra



The award of NABH Accreditation means that the organisation ensures:

1. Commitment to create a culture of quality, patient safety, efficiency and accountability towards patient care.
2. Establishment of protocols and policies as per National/International Standards for patient care, medication management, consent process, patient safety, clinical outcomes, medical records, infection control and staffing.
3. Patients are treated with respect, dignity and courtesy at all times.
4. Patients are involved in care planning and decision making.
5. Patients are treated by qualified and trained staff.
6. Feedback from patients is sought and complaints (if any) are addressed.
7. Transparency in billing and availability of tariff list.
8. Continuous monitoring of its services for improvement.
9. Commitment to prevent adverse events that may occur.



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## Maharashtra Pollution Control Board certificate

(Deenanath Mangeshkar Hospital)

# MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437  
Fax: 24023516  
Website: <http://mpcb.gov.in>  
Email: [cac-cell@mpcb.gov.in](mailto:cac-cell@mpcb.gov.in)



Kalpataru Point, 2nd, 3rd  
and 4th floor, Opp. Cine  
Planet Cinema, Near Sion  
Circle, Sion (E),  
Mumbai-400022

RED/L.S.I  
No:- Format1.0/CAC/UAN No.MPCB-  
CONSENT-0000234898/CO/2508000360

Date:  
05/08/2025

To,  
M/s. LMMF's Deenanath Mangeshkar Hospital &  
Research Center,  
Sr. No.8+13/2, Near Mhatre Bridge, Erandawane, Pune.  
Email:[clean.operations@dmhospital.org](mailto:clean.operations@dmhospital.org)  
Contact No.:9673701862



Your Service is Our Duty

*Combined Renewal of Consent to Operate and BMW Authorization (CCA) under the provisions of Water (P & CP) Act, 1974, Air (P & CP) Act, 1981 and Bio-Medical Waste Management Rules, 2016 as amended and Hazardous Waste (M & TM) Rules, 2016.*

- Ref:**
1. Environment Clearance accorded by Env. Department, GoM vide dated 04.09.2010.
  2. Previous combined consent & BMW authorization granted by Board vide No. Format1.0/CAC/UAN No.MPCB-CONSENT- 0000162873/CO/2402000253 dtd.03.02.2024.
  3. Your application for Combined Consent and Bio-Medical Authorization vide UAN No.234898.
  4. Minutes of Consent Appraisal Committee meeting held on 17.04.2025

After examining the proposal, The Maharashtra Pollution Control Board hereby grant Combined Consent to operate and BMW Authorization to HCF under Section 25/26 of the Water (P&CP) Act, 1974, Section 21 of the Air (P&CP) Act, 1981 and Bio-Medical Waste Management Rules, 2016, and Hazardous Wastes (Management & Transboundary Movement) Rules, 2016 respectively, under Environment (Protection) Act, 1986, subject to terms and conditions as specified below and in the **Schedule(I-IV) and Annexure (I-II)** enclosed in this order.

1. This CCA shall be in force for a period From **31-03-2025 To 31-03-2027**
2. The capital investment of the HCF is **₹60769.1299** Lakhs (As per C.A Certificate Submitted by HCF)
3. HCF Area HCF Area : - Plot Area 24000.00 M<sup>2</sup> with Built-up area 57798.00 M<sup>2</sup>.
4. **Activities Included**
  - a. Total Number of Beds : **876 Nos.** (As per BNH certificate no. LCBP050601728 valid upto 31-03-2027)

#### 5. Conditions under the Water (P&CP) Act, 1974:-

1. Quantity of total water consumption shall not exceed 442 M<sup>3</sup>/day. You shall not use the ground water without obtaining prior permission of Central Ground Water Authority.
2. You shall provide adequate treatment & disposal facility for Sewage & Effluent generated as specified in **Annexure-I**
3. You shall provide water meter at water intake point & at sewage/Effluent disposal point and shall maintain monthly records thereof.

#### 6. Conditions under the Air (P&CP) Act,1981:-

1. You shall use the fuel for DG set as specified in the **Annexure-II**.
2. You shall provide adequate emission control system to DG set as specified in **Annexure-II**.
3. You shall strictly observe noise standards applicable for DG set stack emission and ambient noise level as per **Annexure-II**.

#### 7. Conditions under Hazardous and Other Wastes(Management, Handling & Transboundary Movement) Rules, 2016 for treatment and disposal of hazardous waste:-

You shall have valid membership of CHWTSDF and shall dispose the Hazardous waste generated in strict compliance with said rules and maintain record thereof.

Sr No	Type of Waste	HW Category no.	Quantity	UOM	Disposal
1	5.1 Used or spent oil	5.1	3.33	Lit/Day	By Authorized Recycler
2	35.3 Chemical sludge from waste water treatment	35.3	15	Kg/Day	CHWTSDF

#### 8. Conditions about Non Hazardous Wastes:-

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Dry Waste	1911	Kg/Day	Segregation & Disposal	To Pune Municipal Corporation
2	Wet Waste	295	Kg/Day	Composting	Used as a manure

#### 9. Conditions under Solid Waste Management rules 2016

1. You Shall Handover Solid waste (Other Than BMW) to Local bodies as per provisions of SWM Rules, 2016.
2. You shall Not mix general solid waste with Bio Medical Waste.

#### 10. Conditions under BMW Management rules, 2016 (As Amended):-

1. You shall adhere to the BMW Generation quantity and storage conditions as specified in Schedule-I of BMW Management Rules, 2016, as amended.
2. You shall segregate and handover BMW to BMW T&D CTF **Passco Environmental Solution Pvt.Ltd., Pune** Strictly complying with the Provisions of Schedule-I and Maintain record of the same.

3. **Cytotoxic Drugs/ Waste:** You shall have separate storage, marked with the symbol of Bio Hazard & Cytotoxic Hazard for outdated, discarded, unused cytotoxic drugs/waste and submit details of Management and Handling of outdated, discarded, unused Cytotoxic drugs in the format prescribed by CPCB which is available on [www.cpcb.nic.in](http://www.cpcb.nic.in) along with Annual Report to MPCB with a copy to CPCB before 30th June of every year.
4. **Mercury Waste:** You shall manage the Mercury Waste in HCE in environmentally sound manner (including storage, spilled collection, transportation and disposal) as per guidelines published by CPCB as detailed in document entitled "Environmentally Sound Management of Mercury Waste in Health Care Facilities" ([www.cpcb.nic.in](http://www.cpcb.nic.in)).
11. You shall not undertake Modifications/ Upgradation in existing facility without obtaining prior Environment Clearance under the Provision of EIA notification, 2006 Or Consent to Establish from the MPC Board as applicable.
12. Any unauthorized change in Location, Name, personnel, equipment or working conditions as mentioned in the application by you shall constitute a breach of this CCA. In case of any change you shall apply fresh for CCA or amendment as applicable.
13. You shall not Rent, Lend, Sell, Transfer or Close Down the facility or otherwise transport / Handover the Bio-Medical waste generated for any other purpose without obtaining prior written permission of the MPC Board.
14. This Board reserves the right to review, amend, suspend, revoke, or change any of the conditions applicable under this CCA and the same shall be binding on the HCE.
15. You shall maintain records of MPC board Officers visit and shall obey all the lawful instructions issued by the Board Officers from time to time.
16. Any violation of provisions of BMW Management Rules, 2016 as amended shall attract the penal provisions of Environment (Protection) Act, 1986 and Violations under the provisions of Water (P&CP) Act 1974, Air (P&CP) act 1981 shall attract provisions of respective act including closure of the facility and prosecution.
17. This CCA shall not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies as applicable.
18. HCE shall comply with the Environment Clearance accorded by Environment .Department, GoM vide dated 04.09.2010.
19. HCE shall properly operate ETP & STP to achieve consented norms.
20. HCE authority shall obtain the CGWA NOC for ground water abstraction without CGWA NOC, do not use the Ground water.
21. HCE shall renew the membership of CBMWTDF for disposal of Bio Medical Waste as per BMW Management Rules, 2016 before to expire the earlier membership.
22. HCE shall renew the registration of the certificate under Bombay Nursing Home Registration (Amendment) Act, 2005 before to expire the same.
23. This consent is issued pursuant to the letter uploaded by the Hospital on 30.07.2025 regarding water budget, Architect certificate (dtd. 11.05.2023) for completed Built up Area
24. The HCE shall not carry out any expansion in beds and Built up Area (construction BUA) without combined Consent & BMW Authorization of the Board and without Environmental Clearance as per EIA Notification, 2006 and its amendment, wherever is applicable.

- 25.** You shall submit the bank guarantee of INR 2.00 lakhs towards compliance of conditions as specified in Schedule III to The Regional Officer, MPCB, Pune within 15days. Non submission of B.G. in specified time shall attract revocation of this CCA without further notice
- 26.** The industry / HCE shall create an Environment Cell by appointing an Environmental Engineer / Expert for looking after day-to-day activities related to Environment / Pollution control.

This consent is issued on the basis of information/documents submitted by the Applicant/Project Proponent, if it has been observed that the information submitted by the Applicant/Project Proponent is false, misleading or fraudulent, the Board reserves its right to revoke the consent & further legal action will be initiated against the Applicant/Project Proponent.



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Signed by: **Dr. Avinash Dhakne**  
Member Secretary  
For and on behalf of,  
**Maharashtra Pollution Control Board**  
ms@mpcb.gov.in  
2025-08-05 15:37:59 IST

**Received Consent/Authorization fee of -**

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	400000.00	TXN2501006548	05/02/2025	Online Payment

**Copy to:**

1. Regional Officer, MPCB, Pune and Sub-Regional Officer, MPCB, Pune I  
- He is directed to ensure submission of Bank Guarantee by hospital as specified in Schedule III of CCA and monitor the compliance of the consent conditions.  
They are also directed to ensure the compliance of consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai
3. I/C EIC- for record & website updating purpose.
4. CC/CAC Desk for record & website updation purposes.

**Conditions under Water (P & CP), 1974 Act: (Refer Condition No. 5)**

## A. Water Consumption Details:-

<b>Sr. No.</b>	<b>Purpose for water consumed</b>	<b>Water consumption quantity (CMD)</b>
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	413.00
3.	Pathology Laboratory, Floor washing, Operation Theater	4.00
4.	Laundry	0.00
5.	Other such as agriculture, gardening, etc.	25.00

## B. Conditions for Sewage &amp; Effluent Generation, Treatment and Disposal:-

<b>Sr. No.</b>	<b>Description</b>	<b>Permitted quantity of discharge (CMD)</b>	<b>Standards to be achieved</b>	<b>Disposal</b>
1	Domestic Sewage	356	As per clause 'C'	60% treated effluent shall be Recycled for secondary purposes like flushing, floor washing, etc and remaining shall be used for gardening
2	Trade effluent	4.0	As per clause 'C'	After primary treatment send to STP for further treatment.

## C. You shall operate the combined waste water treatment plant of adequate design and capacity to treat the domestic sewage and trade effluent so as to achieve the following standards as prescribed below under E (P) Act, 1986 and Rules made there under and recycle treated effluent after achieving standard prescribed below.

<b>Sr. No.</b>	<b>Parameters</b>	<b>Discharge Standards applicable</b>
		Limiting Concentration in mg/except for pH
1	pH	6.5-9.0
2	Oil & Grease	10
3	BOD (3 days 27°C )	30
4	COD	250
5	Total Suspended Solids	100
6	Bio-Assay Test	90 % survival of fish after 96 hours in 100 % effluent

## D. You shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.

- E. You shall provide Primary/ Secondary/ tertiary treatment system and disinfection facility.
- F. The Applicant shall obtain prior consent of the Board to take steps for Expansion/Modification of any treatment and disposal system or an extension or addition thereto.
- G. You shall provide Specific Water Pollution control system as per above conditions and conditions of Environmental Clearance, if applicable.
- H. All Health Care Facilities irrespective of the bed capacity shall install scientifically designed disinfection facilities before discharging the effluent into sewer line or reuse in the premises as stipulated under Schedule II (6) of Biomedical waste Management Rules, 2016.



**Terms & conditions for Incinerator(s) and D.G. Set(s) under Air (P & CP) Act, 1981 and Bio Medical waste management Rule, 2016: (Refer Condition No.6)**

1. You shall observe following fuel pattern and erect following stack (s):

<b>Sr. No.</b>	<b>Stack Attached to</b>	<b>Fuel Type</b>	<b>Quantity</b>	<b>Stack Height (Mtr)</b>
1	DG Set 910 KVA X 2 Nos	Diesel	5.00 Ltr/Hr	5.00
2	DG Set 500 KVA	Diesel	5.00 Ltr/Hr	5.00
3	DG Set 1200 KVA X 4 Nos	PNG	2,000,000.00 Ltr/Hr	30.00

2. The Applicant shall obtain prior permission of MPC board for providing additional control equipment with necessary specifications and operation thereof or replacement/alteration well before its life come to an end or erection of new pollution control equipment.

3. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, either in whole or in part as necessary).

4. Conditions for D.G. Set:-

- Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically for control of noise.
- Acoustic enclosure/acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB(A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
- You shall make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
- Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
- A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
- D.G. Set shall be operated only in case of power failure.
- The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
- The applicant shall comply with the notification of MoEFCC dated 17.05.2002 regarding noise limit for generator sets run with diesel.

5. You shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.

**SCHEDULE-I****Authorization for Management of Bio-Medical Waste (Category and Quantity)**

The authorization is granted for Generation and Segregation of BioMedical Waste (BMW) in waste categories and quantities listed here in below:

Sr. No	Category	Type of Waste	Quantity not to exceed (Kg/Month)	Segregation Colour coding	Treatment & Disposal
1	Yellow	a) Human Anatomical waste	18.68	Yellow coloured non- chlorinated plastic bags.	Bio medical Waste shall be sent to MPCB authorized BMW-CTF Passco Environmental Solution Pvt.Ltd., Pune Pune
		b) Animal Anatomical Waste	0.00		
		c) Soiled Waste	17205.03		
		d) Expired or Discarded Medicines	24.08		
		e) Chemical Waste	0.00	Separate collection system leading to effluent treatment system.	
		f) Chemical Liquid Waste	0.00		
		g) Discarded linen, mattresses, beddings contaminated with blood or body fluid.	1.19		
		h) Microbiology Biotechnology and other clinical laboratory waste	27.89	Autoclave safe plastic bags or containers.	
2	Red	Contaminated waste (Recyclable)	2117.71	Red coloured non chlorinated plastic bags or containers.	Bio medical Waste shall be sent to MPCB authorized BMW-CTF Passco Environmental Solution Pvt.Ltd., Pune Pune
3	White (Translucent)	Waste sharps including Metals	585.74	Puncture proof, Leak proof, tamper proof container.	Bio medical Waste shall be sent to MPCB authorized BMW-CTF Passco Environmental Solution Pvt.Ltd., Pune Pune
4	Blue	a) Glassware	2532.90	Puncture proof, Leak proof with Blue coloured marking.	Bio medical Waste shall be sent to MPCB authorized BMW-CTF Passco Environmental Solution Pvt.Ltd., Pune Pune
		b) Metallic body implants	0.00		

**Responsibilities of HCF**

1. You shall handover Bio Medical waste only to MPCB Authorized Common Bio medical waste treatment and Disposal facility **Passco Environmental Solution Pvt.Ltd., Pune** and maintain records thereof for 5 years.
2. You shall establish bar code for handling of bio-medical waste.
3. You shall ensure segregation of Bio-Medical Waste in colour coded bags as per BMW Management Rules, 2016
4. You shall not store Bio Medical waste beyond 48 hours from the generation.
5. You shall use only non-chlorinated plastic coloured bags.
6. You shall ensure use of colour coded bins and bags for segregation of BMW as required under BMW Management Rules 2016.
7. You shall not mix General/other Solid waste with Bio Medical Waste.
8. You shall ensure segregation, treatment and disposal of General / Other Municipal solid waste as per Solid Waste Management rules, 2016.
9. You shall pay the charges to authorized Common Bio Medical waste Treatment and Disposal facility for its services as agreed upon during the membership registration or as amended.
10. You shall comply and strictly abide with the conditions stipulated in BMW Management Rules, 2016 as amended time to time.
11. You shall handover Plastic / Metal waste (BMW) to Common Bio medical waste treatment and Disposal facility allocated to you for treatment & disposal or plastic/metal recycler authorized by MPCB for BMW Handling and maintain records thereof & submit to MPCB in Annual report.
12. You shall provide training to all workers involved in handling of bio-medical waste at the time of induction and at least once a year thereafter and maintain record thereof.
13. You shall undertake appropriate medical examination of all BMW Waste handlers & staff at the time of induction and at least once in a year and immunize all involved in management of Bio Medical Waste for protection against diseases, including Hepatitis B and Tetanus, that are likely to be transmitted while handling bio medical waste and maintain the records for the same.
14. You shall ensure use of personal protective Equipment such as Heavy Duty Gloves (Workman's Gloves), Gum Boots or safety shoes for waste collectors, Face mask, Head Cap, Splash Proof Gowns or aprons etc., Disposal gloves by waste handlers.
15. You shall develop and operate own website. The website should be uploaded on monthly basis with all the information relating to Bio-Medical waste management including this CCA and other permission and report.
16. You shall maintain all record for Generation, for a period of five years and produce whenever asked by MPCB authorities.
17. The occupier and operator of a Health Care Establishment shall be liable for all the damages caused to the environment or the public due to improper handling of bio-medical wastes.
18. You shall ensure submission of Annual Report of BMW for the period Jan to Dec, including category and quantity of BMW Generated and Disposed in Form IV for preceding year before 30th June of every year to the Regional Office, MPCB, Pune and uploading the same to MPCB Portal (<https://www.ecmpcb.in/>).

**Bank Guarantees**

1. Bank Guarantee imposed to ensure timely compliance, to be observed by operator.

<b>Sr.No</b>	<b>Activity / Condition to be Complied</b>	<b>Compliance Timeline (Months)</b>	<b>Bank Guarantee Amount</b>
<b>1A</b>	<b>Performance</b>		
1	To Segregate and Handle BMW as per Rule	Continuous	200,000.00
<b>Total</b>			2,00,000.00

**Note: You shall extend the existing submitted Bank Guarantee for the Activity / Condition to be Complied mentioned in the above table valid upto the validity of this CCA + 4 months additional. Submit a fresh Bank Guarantee for the newly added Activity / Condition to be Complied mentioned in the above table valid upto the validity of this CCA + 4 months additional.**

**The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days from the date of issue of Consent.**

**If the above Bank Guarantee is not submitted within stipulated period, then 12% interest will be levied as a penalty as per circular dtd 29/02/2024 No. BO/MPCB/AS(T)/Circular/B-240229FTS0122**



**General Conditions****The following general conditions shall apply:-**

1. You shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
2. Whenever due to any accident or other unforeseen act or event, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith reported to Board, concerned Police Station, Executive Engineer MIDC and Local Body. In case of failure of pollution control equipment's, the process connected to it shall be stopped.
3. You shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control operation to abide by terms and conditions of this consent.
4. You shall submit to this office, the 30th day of September every year, the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as per the provisions of rule 15 of the Environment (Protection) (Second Amendment) Rules, 1992.
5. You shall comply with the Hazardous Waste (M, H & TM) Rules, 2016 and submit the Annual Returns as per Rule 20(2) of Hazardous Waste (M, H & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year to Regional Office, Pune.
6. You shall engage qualified staff/personnel/agency to see the day to day compliance of consent & authorization condition towards Environment Protection.
7. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the Terminal manholes. No effluent shall find its way other than in designed and provided collection system.
8. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the HCE.
9. You shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
10. You should not cause any nuisance in surrounding area. You shall maintain good housekeeping.
11. You shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted.
12. The non-hazardous solid waste arising in the HCE premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
13. You shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification Dated. 16/11/2009 as amended.

14. You shall submit an official e-mail address and any change will be duly informed to the MPCB.
15. You shall observe provisions of E-waste (Management) Rules 2016 & as amended time to time and Batteries (Management and Handling) Amendment Rules, 2010.
16. An inspection book shall be opened and made available to the Board's officers during their visit to the HCE.
17. In case you use/ handle/ generate the cytotoxic waste you shall strictly adhere to the standards/ SOPs applicable and waste shall be labelled specifically as "Cytotoxic Waste" with symbol on waste containers/ bags and shall handover to BMW CTFs.
18. You shall obtain required permissions from competent authority for radio active material user/ handling/ disposal of waste before commencement of such activity.
19. The Energy source for lighting purpose shall preferably be LED based.
20. You shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
21. You shall provide personal protection equipment as per norms of Factory Act 1948
22. You are responsible to submit application for renewal of Combined Consent & Biomedical Waste authorization before 60 days of expiry.

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This certificate is digitally & electronically signed.

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Committed to developing "Conscientious, Confident & Caring quality nursing professionals"  
MAHARSHI KARVE STREE SHIKSHAN SAMSTHA'S

**Smt. Bakul Tambat Institute of Nursing Education**

(Affiliated to MSBNPE, MNC, MUHS & INC, NAAC Accredited)



## Maharashtra Pollution Control Board certificate

(Mai Mangeshkar Hospital)



## PASSCO Environmental Solutions Pvt. Ltd.

Unit 2 : Pune  
Narayani, 34/4, Erandwana, Behind Eisen Pharmaceuticals  
Pune - 411004

Phone No: +91 -20 25467096, 7420931050  
Email Id: helpdesk@passco.in



QMS-ISO-9001:2015  
EMS-ISO-14001:2015  
Reg. No. RI91/8395

Unique Registration No.: P2/NH000679



### Registration Certificate



Outward No.: P2/2025/001346

Date: 24-Apr-2025

This is to certify that, **LATA MANGESHKAR MEDICAL FOUNDATIONS-MAI MANGHESHKAR HOSPITAL , S.NO.117/1, MUMBAI-BANGALORE HIGHWAY, WARJE, PUNE - 411052** is registered with PASSCO Environmental Solutions Pvt. Ltd. , Pune for Management of Bio Medical Waste in accordance with, the provision of Bio Medical Waste Management Rules, 2016, as amended and in compliance with the provisions of CPCB guidelines.

1. Authorized Person of HCE (Name and Designation)	DR. SUPRIYA KURLEKAR MEDICAL DIRECTOR
2. Bombay Nursing Home Act Registration Details	
a. BNH Registration Number	LCBP-2010-00079
b. BNH Issue Date	10-Mar-2025
c. Total Number of Beds	205
d. BNH Validity(Form 'C')	31-Mar-2027
3. Common Treatment Facility Registration Details	
a. Date of Registration	31-Mar-2010
b. No. of Beds Registered	205
c. Registration Validity	31-Mar-2026
4. Renewal of CTF Membership(if applicable)	
a. Renewal Date	31-Mar-2026
b. No. of Beds Registered	205
5. MPCB Consent (Establish/ 1 <sup>st</sup> Operate/Renewal) Details	Expired
a. Consent/ CCA Number	MPCB-ROP-BMW-Auth-2008000174
b. Issue Date	14-Aug-2020
c. Validity up to	31-Mar-2025



**Mr. Satish Satarkar**  
Authorised Signatory

**Note : HCE shall display copy of Registration Certificate at front Desk and Temporary BMW storage area.**



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## Certificate of permanent registration

(Chaitnya Institute of Mental Health)



**MAHARASHTRA STATE MENTAL HEALTH AUTHORITY  
(MSMHA)**

**Form-F**

[See rule 66 ]

**CERTIFICATE OF PERMANENT REGISTRATION OF MENTAL  
HEALTH ESTABLISHMENT**

The Maharashtra State Mental Health Authority, after considering the application under section 65 (2) or section 66 (3) or section 66(10) or section 66 (17) of the Mental Healthcare Act, 2017, hereby accords renewal of Permanent Registration to the applicant mental health establishment in terms of section 66 (4) or section 66 (11), or section (17) as per the details given hereunder:

**Name:- Chaitanya Institute For Mental Health**

**Address – Bhagatpuram S.R. No 31/A Khadi Machine Chauk Kondhawa Pune**

**No of beds:- 200**

**Permanent Registration Certificate No. 8/2023**

The Permanent registration certificate No. 8/2023 issued, is subject to the conditions laid down in the Mental Healthcare Act, 2017 and the rules and regulations made there under .

**Place:-Mumbai**

**Date :-20/04/2023**

**Registration Authority  
(MSMHA)**

**Dr. Swapnil Lale**  
**Seal of the Registration Authority**  
**Chief Executive Officer**  
**State Mental Health**  
**Authority, Mumbai**