Department of Hospital Administration
Sanjay Gandhi Post Graduate Institute of Medical Sciences
Raebareli Road, Lucknow U.P.
Phone: 0522-2495365, 2495361

Department of Hospital Administration • DISPATCHED No. 683 Date 26/8/23 Initial • SGPGIMS, Lucknow •

Ref. No.: SGPGI/HA/ 683 / 2023 **Date: 26 -08-2023**

From : Dr. R. Harsvardhan, Member Secretary, S&BMWMC & HoD, Hospital Administration
To : Dr. R. S. K. Marak, Head, Deptt. of Microbiology • Dr. Rajesh Kashyap, HOD, Haem
Dr. Amita Aggarwal, Head, Deptt. of Clinical Immunology & Rheumatology
Dr. Seema Sharma, Head, Deptt. of Pathology • Dr Rupali, Lab Medicine, ATC

Sub. : **Enhancing Bio Medical Waste disinfection through dual use of Microwave for Pre-Treatment of Lab Waste, reg.**

With regard to the subject mentioned as above, the undersigned would like to bring to your kind notice the following points:

- The microwave is specifically designated for the pre-treatment of non-hazardous lab waste, which includes materials such as used disposable lab equipment, Blood bags, Laboratory cultures, stocks or specimens of microorganisms dishes and devices used for cultures and other non-hazardous items. The process involves subjecting the waste to heat, effectively reducing its volume and sterilizing it before further disposal
- Implementing microwave pre-treatment at the laboratory level allows for immediate disinfection of waste generated on-site. But, even if waste is pre-treated at the laboratory, certain residues or contaminants may persist.
- Therefore, in order to facilitate a positive impact on our waste management practices, a microwave is been installed at BMWM plant, so as to provide an extra layer of protection, ensuring that all waste is adequately disinfected before final disposal
- Further, Sanjay Gandhi Post Graduate Institute of Medical Sciences (SGPGIMS) is in an agreement with M/s Awadh Enterprises for operation, maintenance, fuel, monitoring, record maintenance of Biomedical Waste Management Services as per the guidelines of BMWM rules 2016 subsequently amended upto 2019
- Thus, the use of microwave for pre-treatment of lab waste twice, once at the laboratory and subsequently at the BMWM plant by the firm will offer a robust solution for enhancing waste disinfection and promoting sustainable waste management practices.

In view of the above, the undersigned would like to request your cooperation in ensuring that all laboratories/facilities within your purview embrace the dual use of microwave for pre-treatment of lab waste. and then Autoclave/Incineration as Planned

(Dr. R. Harsvardhan)
Member Secretary, S&BMWMC &
HoD, Hospital Administration

Department of Hospital Administration
Sanjay Gandhi Post Graduate Institute of Medical Sciences
Raebareli Road, Lucknow U.P.
Phone: 0522-2495365, 2495361

Ref. No.: SGPGI/HA/ 682 / 2023 **Date: 26-08-2023**

Department of Hospital Administration
DISPATCHED
No 682
Date 26/8/23
Initial
SGPGIMS, Lucknow

From : Dr. R. Harsvardhan, Member Secretary, S&BMWMC & HoD, Hospital Administration
To : Dr. R. K. Chaudhary, Head, Deptt. of Transfusion Medicine
Dr. ~~UC Ghoshal~~, Head, Deptt. of Gastroenterology - Dr. Pramod Rai
Dr. Amit Goel, Head, Deptt. of Hepatology
Dr. Rajesh Kashyap, Head, Deptt. of Hematology
Dr. Vijayalakshmi Bhatia, Head, Deptt. of Endocrinology
Dr. Prashant Agarwal, Nodal Officer, 24 hours Lab

Sub. : Enhancing Bio Medical Waste disinfection through dual use of Microwave for Pre-Treatment of Lab Waste, reg.

With regard to the subject mentioned as above, the undersigned would like to bring to your kind notice the following points:

- The microwave is specifically designated for the pre-treatment of non-hazardous lab waste, which includes materials such as used disposable lab equipment, Blood bags, Laboratory cultures, stocks or specimens of microorganisms dishes and devices used for cultures and other non-hazardous items. The process involves subjecting the waste to heat, effectively reducing its volume and sterilizing it before further disposal
- Implementing microwave pre-treatment at the laboratory level allows for immediate disinfection of waste generated on-site. But, even if waste is pre-treated at the laboratory, certain residues or contaminants may persist.
- Therefore, in order to facilitate a positive impact on our waste management practices, a microwave is been installed at BMWM plant, so as to provide an extra layer of protection, ensuring that all waste is adequately disinfected before final disposal
- Further, Sanjay Gandhi Post Graduate Institute of Medical Sciences (SGPGIMS) is in an agreement with M/s Awadh Enterprises for operation, maintenance, fuel, monitoring, record maintenance of Biomedical Waste Management Services as per the guidelines of BMWM rules 2016 subsequently amended upto 2019
- Thus, the use of microwave for pre-treatment of lab waste twice, once at the laboratory and subsequently at the BMWM plant by the firm will offer a robust solution for enhancing waste disinfection and promoting sustainable waste management practices.

In view of the above, the undersigned would like to request your cooperation in ensuring that all laboratories/facilities within your purview embrace the dual use of microwave for pre-treatment of lab waste. and thereafter autoclaving/incineration, as applicable

(Dr. R. Harsvardhan)
Member Secretary, S&BMWMC &
HoD, Hospital Administration

Department of Hospital Administration
Sanjay Gandhi Post Graduate Institute of Medical Sciences
Raebareli Road, Lucknow U.P.
Phone: 0522-2495365, 2495361

Ref. No.: SGPGI/HA/ 679/ 2023 **Date: 26-08-2023**

From : Dr. R. Harsvardhan, Member Secretary, S&BMWMC & HoD, Hospital Administration
To : All HoDs
Sub. : **Use of Microwave for Pre-Treatment of Lab Waste at BMWM Plant as per BMWM rules 2016, reg.**

With regard to the subject mentioned as above, the undersigned would like to bring to your kind notice the following points:

- Schedule I of the Biomedical Waste Management Rules (BMWM) 2016 provides a comprehensive classification of biomedical waste based on its source and nature. The color coding system outlined in Schedule I helps in the proper segregation of waste, ensuring safe handling and appropriate disposal
- Further, Sanjay Gandhi Post Graduate Institute of Medical Sciences (SGPGIMS) is in an agreement with M/s Awadh Enterprises for operation, maintenance, fuel, monitoring, record maintenance of Biomedical Waste Management Services as per the guidelines of BMWM rules 2016 subsequently amended upto 2019
- In order to facilitate a positive impact on our waste management practices, a microwave has been installed at BMWM plant, so as to utilize it for the pre-treatment of laboratory waste
- The microwave is specifically designated for the pre-treatment of non-hazardous lab waste, which includes materials such as used disposable lab equipment, Blood bags, Laboratory cultures, stocks or specimens of microorganisms dishes and devices used for cultures and other non-hazardous items. The process involves subjecting the waste to heat, effectively reducing its volume and sterilizing it before further disposal
- Thus, the BMWM Rules emphasize the pre-treatment of certain categories of biomedical waste before final disposal. Pre-treatment of the lab waste through microwave at the BMWM plant, can significantly enhance our waste management practices, minimize environmental impact, and safeguard the well-being of our staff and the community

In view of the above, the undersigned would like to request your cooperation in ensuring that all departments/facilities within your purview adhere to the guidelines for the use of microwave and lab waste pre-treatment and compliance with Schedule I guidelines of BMWM rules, 2016.

(Dr. R. Harsvardhan)
Member Secretary, S&BMWMC &
HoD, Hospital Administration

Copy: • HOD HA
• Sister Zeeir
• Geward File DOHA

Department of Hospital Administration
DISPATCHED
No. 110
Date 13/2/24
Initial
SGPGIMS, Lucknow

Department of Hospital Administration
E-DISPATCHED
22040
Date 13.2.24
Initial
SGPGIMS, Lucknow

Urgent **High Priority**

संजय गांधी स्नातकोत्तर आयुर्विज्ञान संस्थान
आत्मना सर्गो जितः

Apex Trauma Centre
Sanjay Gandhi Post Graduate Institute of Medical Sciences
Raebareli Road, Lucknow - U. P.

Letter No.: SGPGI/ATC/ 110 /2024 **Date:** 13 -02-2024

From: Dr. R. Harsvardhan, Addl. M. S., ATC & HoD, Hospital Administration
To : Mr. Vijay Yadav, Nodal Officer, Fire Safety Services, SGPGIMS
Sub.: To install a set of Sand Buckets & Two (02) Fire Extinguishers in the Patient Relative Waiting Area, ATC, reg.

With regard to the subject mentioned as above, an administrative round of the ATC was conducted dated by the SR I/c, Deptt. of Hospital Administration, ATC, along with Duty Officer, Central Control Room (**CCR**), in the **Patient Relative Waiting Area, beside SBI ATM**, in ATC.

The observations & subsequent remedial actions to be taken are tabulated vide infra:

Sl. No.	Observations	Remedial Actions to be Taken
1.	Multiple patient relatives were found cooking food within the area, on small (makeshift) stove cooking cylinders	**Three (03) bilingual** (Hindi & English) **signages** (enclosed, **Annexure – I**) to be placed in the area, clearly instructing patient relatives to not cook food on small (makeshift) stove cooking cylinders. If they are still found doing so, then they will not be allowed to stay within the ATC premises & any damage/ loss sustained to the property of ATC, due to such action, will be reimbursed from the concerned patient party.
2.	There was no fire safety provision within this area, whatsoever	Install the following within the Patient Relative Waiting Area, at the earliest: **a.)** A set of **four (04) fire safety sand buckets** **b.) Two (02)** ABC type Fire extinguishers of **six (06) kgs. each**
3.	The fire box located immediately in front of this area was also found empty .i.e., no fire hose was present within this fire box	**Install the Fire Hose** in the fire box located immediately in front of the Patient Relative Waiting Area.

In view of the above, you are hereby being instructed to undertake & complete the remedial measures, as tabulated vide supra, at the earliest.

(Dr. R. Harsvardhan)
Addl. M. S., ATC &
HoD, Hospital Administration

Enclosure: As mentioned vide supra

Urgent | **High Priority**

Apex Trauma Centre
Sanjay Gandhi Post Graduate Institute of Medical Sciences
Raebareli Road, Lucknow - U. P.

Distribution: For compliance

- Dr. Anmol Jain, SR I/c, ATC & Fire Safety Cell, Deptt. of Hospital Administration
- Dr. Harshit Verma & Dr. Amarjeet Mitra, JR (NA), Hospital Administration, ATC
- Dr. Vaibhav Shriya & Dr. Swati Srivastava, JR I/c, CAFS Training, Deptt. of Hospital Administration
- Duty Officer, Central Control Room (**CCR**), ATC

Copy: For kind information

- Director
- Prof. Raj Kumar, Chief, ATC & HoD, Neurosurgery
- Prof. Sanjay Dhiraj, CMS
- Dr. R. Harsvardhan, Addl. M. S., ATC & HoD, Hospital Administration
- O/o Addl. M. S., ATC
- Guard File, Dispatch Section, ATC

(Dr. R. Harsvardhan)
Addl. M. S., ATC &
HoD, Hospital Administration

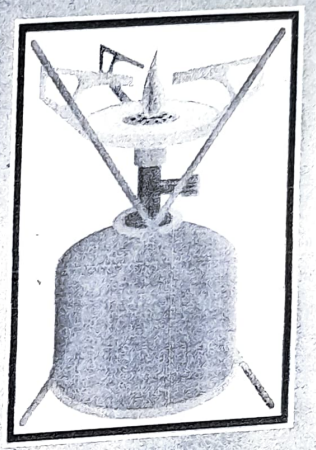
Urgent | **High Priority**

Apex Trauma Centre
Sanjay Gandhi Post Graduate Institute of Medical Sciences
Raebareli Road, Lucknow - U. P.

Annexure – I

-: Warning :-

Use of Small (Makeshift) stove cooking cylinder is STRICTLY PROHIBITED within the Patient Relative Waiting Area of Apex Trauma Centre (ATC), SGPGIMS



If any Patient Relative is found using the Small (Makeshift) stove cooking cylinder, they will not be allowed to stay within the Patient Relative Waiting Area. In case of any FIRE INCIDENT resulting from the use of such cooking cylinder, the responsibility of the same will be of the concerned patient party & any damage/ loss emanating from such fire incidents will be RECOVERED FROM THE PATIENT PARTY.

-: चेतावनी :-

एपेक्स ट्रॉमा सेंटर (ए. टी. सी.), एस. जी. पी. जी. आई. एम. एस. के रोगी परिजन प्रतीक्षालय के भीतर खाना पकाने के छोटे (अस्थायी) स्टोव सिलेंडर का उपयोग सख्त प्रतिबंधित है।

यदि कोई भी रोगी संबंधी खाना पकाने के छोटे (अस्थायी) स्टोव सिलेंडर का उपयोग करते हुए पाया जाता है, तो उन्हे रोगी परिजन प्रतीक्षालय में रहने की अनुमति नहीं दी जाएगी। ऐसे खाना पकाने वाले सिलेंडर के उपयोग के परिणामस्वरूप होने वाली किसी भी आग की घटना के मामले में, इसकी जिम्मेदारी संबंधित रोगी पक्ष की होगी और ऐसी आग की घटना से होने वाली किसी भी क्षति/नुकसान की वसूली रोगी पक्ष से की जाएगी।

-: With Permission / आज्ञा से :-

Department of Hospital Administration, SGPGIMS
अस्पताल प्रशासन विभाग, एस. जी. पी. जी. आई. एम. एस.

04 feet

03 feet

- Material of signage = **PVC**
- Size (in feet) = **4 x 3**
- Number of signages = **Three (03)**
- Background Colour = **Light Green**
- Font Colour = **White**

Hospital Infection Control (HIC) Cell
Department of Hospital Administration
Sanjay Gandhi Post Graduate Institute of Medical Sciences
Raebareli Road, Lucknow U.P.

No.: SGPGI/HA/HIC/152 /2024 **Date: 02 -02-2024**

To: Dr. R. Harsvardhan, Member Secretary, SHICCom & HoD, Hospital Administration
: CMS
: Request to enact a policy of mandatory Hepatitis – B Vaccination for the permanent staff (deployed in clinical services) prior to completion of the probation period, reg.

With regard to the subject mentioned as above, this is to bring to your kind notice that the HIC Cell, Deptt. of Hospital Administration has initiated the **Needle Stick Injury (NSI) reporting mechanism** in **SGPGIMS,** one year ago.

It has come to the notice that the Permanent staff (deployed in clinical services) of our Institute are not vaccinated for Hepatitis – B, and are experiencing NSI, which is occurring daily. This includes NSI from patients who are positive for Hepatitis – B.

In order to prevent our Health Care Providers (**HCP's**) from experiencing any major health issues, it is a critical concern which needs prompt intervention.

Therefore, it is imperative to establish & enact a policy requiring permanent employees (deployed in clinical services) to get themselves mandatorily vaccinated against Hepatitis – B, within their probationary period, by the means of a notarized undertaking on non – judicial stamp paper (enclosed, format for the undertaking for Hepatitis – B vaccination; Annexure – I) for the same.

In view of the above, you are hereby being urged to **please ensure the Hepatitis – B vaccination of the Permanent Staff deployed in the clinical services**.

(Dr. R. Harsvardhan)
Member Secretary, SHICCom &
HoD, Hospital Administration

Enclosure: As mentioned vide supra

Copy: For kind information

- Director
- CMS
- Prof. Gaurav Agarwal, Faculty I/c, Contract[redacted]
- Dr. R. Harsvardhan, Member Secretary, SHICCom & HoD, Hospital Administration
- Dr. Shalvi Verma & Dr. Swati Srivastava, PG – HA
- O/o HoD, Hospital Administration
- Guard File, Dispatch Section, Deptt. of Hospital Administration

(Dr. R. Harsvardhan)
Member Secretary, SHICCom &
HoD, Hospital Administration