



VIDYA SHIKSHAN PRASARAK MANDAL'S
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INFECTION CONTROL COMMITTEE

Date of Committee formation: 7 JANUARY 2014

Functions & Objectives

1. To monitor monthly intradepartmental infection control.
2. To encourage Hepatitis B vaccination for and students and staff (teaching and nonteaching) .
3. To create awareness regarding needle stick injury and post exposure prophylaxis.
4. To monitor supply and use of personal protective equipment on regular basis.
5. To prepare patient safety manual.
6. To monitor management of biomedical waste according to protocol.

CODE OF CONDUCT:

1. The committee holds meetings quarterly.
2. The committee monitors activities for sterilization protocol; fumigation process, needle sick injury and use of PPE.
3. Committee also takes care of sensitizing all the supporting staff regarding BMW, autoclave fumigation needle stick injury and time to time vaccination.
4. Students are encouraged to use PPE while working in the clinics and made aware of standard infection control protocols and vaccinated for Hep B before they start their clinical postings.



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5. All the hospital staff is advised to follow rules and regulations mentioned in the patient safety manual.
6. Committee also takes care of sensitizing all the supporting staff regarding BMW, autoclave fumigation needle prick injury and time to time vaccination

Dr Vrinda Kolte
Chairperson
Infection Control Committee

Dr. Usha Radke
Dean
VSPM's Dental College &
Research Centre, Nagpur

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VSPM'S Dental College And Research
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Patient Safety Manual

Prepared by,

Infection Control Committee

Dr. Vrinda Kolte, Chairperson

Dr. Nilima Budhreja (Agrawal), Member Secretary

Dr. Snehal Sonarkar, Member Secretary

Members-

Dr. Anurag Choudhari, Dr. Kavita Hotwani, Dr. Sangita Bhattacharya, Dr. Rahul Tekale,

Dr. Trupti Chordia, Dr. Vrushali Lathiya , Dr. Sushil Naik

Under the guidance of,

Dr. Usha Radke, Dean

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Patient Safety

World Health Organization (**WHO**) defines patient safety as “the reduction of risk of unnecessary harm associated with healthcare to an acceptable minimum.” The most important challenge in the field of patient safety is prevention of harm, particularly avoidable harm, to patients during treatment and care.¹

In VSPM DCRC patient safety is an important component while providing the quality of oral health care. Patient safety policies of the institution help in avoidance of adverse events (accidents, errors and complications) associated with dental health care and to limit the impact of inevitable adverse events. Further this manual will also help to detect early and limit non preventable harm.

Who all shall follow it?

All health care providers shall follow the guidelines and policy statement for patients.

Policy statement for Patient Safety Manual

VSPM DCRC promotes all health care providers to follow the policy statement to encourage patient safety.

1. To promote safe patient care in hospital setup.
2. To promote prevention of cross infections by following infection control practices.
3. The infection control committee members regularly monitor the stringent implementation of policies laid down.
4. Patient safety is also considered in terms providing emergency care in dental office, cleanliness and sterilization protocol for maintaining instruments and equipments.

5. Health care providers are advised to use personal protective equipments while working on patients and dispose them off according to the guidelines after usage.
6. Every student and all the employees of VSPM are vaccinated for HepB.
7. Complete details of patient are mentioned for complete identification that includes (Age, Gender, Date of birth, address, and Phone number and identification mark).
8. A detail medical and dental history record along with detail evaluation of area of chief complaint is mandatory for ensuring patient safety during each visit. Special attention is given if any patient gives history of allergies.
9. Each department has its own guidelines for conducting various procedures and also it's monitoring by qualified faculty members.
10. Precautions are taken such that each patient is exposed minimally to the ionizing radiations while taking radiographs.
11. Prevention of antimicrobial resistance –
 - a. stronger infection control measures like aseptic technique
 - b. Maintenance of hygienic medical facilities
 - c. Due implementation of vaccination are utilized to limit the spread of resistant microorganism and thus reducing antimicrobial resistance.
 - d. To achieve this goal, the global action plan as set by WHO with its five strategic objectives is implemented.
 - i. to improve awareness and understanding of antimicrobial resistance;
 - ii. to strengthen knowledge through surveillance and research;
 - iii. to reduce the incidence of infection;
 - iv. to optimize the use of antimicrobial agents; and
 - v. Develop the economic case for sustainable investment that takes account of the needs of all countries, and increase investment in new medicines, diagnostic tools, vaccines and other interventions.
12. VSPM DCRC has very strong patient feedback policy which helps in maintaining standard and patient safety.

13. Institute has established system for biomedical waste management protocol which comprises of:

- a. Regular monitoring of biomedical waste in each department by Infection Control Committee members on daily basis.
- b. Proper segregation and waste disposal according to the color coding according to the standard protocol.
- c. Periodic awareness lectures are taken for Students and paramedical staff is taken.

HEPATITIS B IMMUNIZATION POLICY

Immunization policy helps in reducing the risk of being infected for various diseases. Being health care professionals all are at constant risk of exposure to infectious diseases through patients/ materials contact. Newly joined Faculty members, admitted Students (UG/PG) and nonteaching employees are immunized for Hepatitis B every year. Three doses of Hepatitis B Vaccine are given at 0, 1 and 6 months.

POST EXPOSURE PROPHYLAXIS (PEP)

According to CDC and WHO guidelines PEP (post-exposure prophylaxis) means taking antiretroviral medicines (ART) after being potentially exposed to HIV to prevent becoming infected. Health care providers working in the institute are advised to use of PPE while working on patients and take proper precautions while working on patients. However, if health care providers and patients are suspected to exposure to any kind of infections such as HIV/ STD/ Hepatitis B and Hepatitis C infection then Laboratory tests should be carried out. If the tests are positive then proper counseling and antiretroviral therapy should be given according to the guidelines.

NEEDLE STICK INJURY

According to WHO Needle prick injury are the accidental injuries caused by needles and sharp objects on skin. Institute follows WHO and CDC guidelines for management of needle stick injuries which include:

1. Immediately washing injury site with soap and water.
2. Initiating injury reporting system in the institute.
3. Reporting of employee to emergency department and other PEP management facility.

4. Testing immediately and confidentially for HIV/ Hepatitis B and Hepatitis C infection.
5. Simultaneously reporting is done in the emergency department in attached medical hospital which has established system for managing PEP as per guidelines.

REFERENCES

1. World Health Organization. Patient safety: Making health care safer. Geneva, Switzerland: World Health Organization; 2017. License CC BY-NC-SA 3.0 IGO. Available at: “<http://apps.who.int/iris/bitstream/handle/10665/255507/?jsessionid=A2E0196DF284A670341F5FFB6DA4EF41?sequence=1>”. Accessed August 21, 2018. (Archived by WebCite® at: “[http:// www.webcitation.org/71qPk9eTT](http://www.webcitation.org/71qPk9eTT))
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3. <https://www.who.int/hiv/topics/prophylaxis/en/> accessed on 11 feb 2020.



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