



ISLAM MEDICAL COLLEGE

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Infection Control Policy for MBBS Students

1. Purpose

The purpose of this policy is to prevent the transmission of infections in the hospital and teaching environment and to ensure the safety of patients, MBBS students, healthcare workers, and visitors.

2. Scope

This policy applies to all MBBS students during lectures, practical sessions, clinical rotations, ward visits, and laboratory work within the institution.

3. Standard Precautions

All students must follow standard infection control precautions at all times.

3a. Hand Hygiene

Students must perform hand hygiene before and after examining a patient, before performing any procedure, after contact with blood or body fluids, after removing gloves, and after touching patient surroundings. Methods include hand washing with soap and water for 40–60 seconds or using alcohol-based hand rub for 20–30 seconds when hands are not visibly soiled.

3b. Personal Protective Equipment (PPE)

Students must use appropriate PPE depending on the procedure. Gloves for contact with blood or body fluids; masks during respiratory infections or aerosol-generating procedures; gowns or aprons when there is risk of body fluid splash; eye protection during procedures with splash risk. PPE must be disposed of properly after use.

4. Safe Handling of Sharps

Needles should never be recapped. Dispose of needles and sharp instruments in puncture-proof sharps containers. Do not overfill sharps containers.

5. Waste Disposal

Biomedical waste must be disposed of according to color-coded waste management guidelines. For example: Yellow bags for infectious waste, red bags for contaminated plastic waste, and sharps containers for needles and blades. Different waste categories should not be mixed.

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6. Vaccination Requirements

All MBBS students should be vaccinated against Hepatitis B, Tetanus, and other vaccines recommended by the institution. Students should maintain a vaccination record before starting clinical rotations.

7. Management of Exposure

If a student experiences needle-stick injury or exposure to blood or body fluids: immediately wash the area with soap and water, report the incident to the clinical supervisor or infection control department, seek post-exposure prophylaxis if required, and document the exposure incident.

8. Respiratory Hygiene

Students with cough, fever, or respiratory symptoms should wear a mask, maintain respiratory etiquette such as covering mouth when coughing or sneezing, and avoid patient contact if severely ill.

9. Laboratory Safety

During laboratory sessions students should wear lab coats and gloves, avoid eating or drinking in the laboratory, and follow proper specimen handling procedures.

10. Training and Compliance

All MBBS students must receive infection control training at the start of clinical training. Students must comply with hospital infection control policies. Non-compliance may lead to disciplinary action.

11. Monitoring

The Infection Control Committee will monitor adherence to this policy through periodic audits and supervision during clinical rotations.


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