

JINNAH MEDICAL AND DENTAL COLLEGE

PATIENT SAFETY

DEPARTMENTAL GUIDE BOOK FOR THIRD YEAR BDS

STUDENTS





TABLE OF CONTENTS

1. Vision
2. Mission Statement
3. Program Objectives
4. Program Learning Outcomes
5. Values for Medical & Dental Graduate
6. Introduction to Patient Safety
7. Patient Safety Department
8. Learning Outcomes
9. Teaching & Learning Strategies
10. Assessment Tools & Strategies
11. Eligibility Criteria
12. Course Content (3rd Year)
13. Course Content (4th Year)
14. Practical & Clinical Skills
15. Recommended Resources

VISION

To promote a culture of patient safety by ensuring high-quality healthcare delivery and minimizing risks and errors in clinical practice, producing competent and responsible dental professionals.

MISSION STATEMENT

We aim to train dental graduates in safe clinical practices by integrating knowledge, skills, and ethical values to ensure patient-centered care, risk reduction, and continuous quality improvement.

PROGRAM OBJECTIVES

- Develop knowledge of patient safety principles
- Promote safe clinical practices
- Improve communication and teamwork
- Ensure ethical and professional conduct
- Enhance clinical decision-making skills
- Encourage reporting and learning from errors

PROGRAM LEARNING OUTCOMES

By the end of the program, the student should be able to:

- Understand principles of patient safety
- Identify and prevent clinical errors
- Practice infection control protocols
- Demonstrate safe prescribing practices
- Communicate effectively within healthcare teams
- Apply quality improvement strategies
- Manage clinical risks effectively
- Ensure patient-centered care

VALUES FOR DENTAL GRADUATE

- Patient Safety
- Integrity
- Accountability
- Teamwork
- Compassion
- Professionalism
- Ethical Practice

INTRODUCTION TO PATIENT SAFETY

Patient Safety is a discipline that focuses on preventing harm to patients during healthcare delivery. It involves minimizing risks, preventing errors, and improving healthcare systems.

In dentistry, patient safety includes:

- Infection control
- Safe drug use
- Proper documentation
- Clinical risk management
- Safe procedural practices

LEARNING OUTCOMES

FOR 3RD YEAR BDS

By the end of the course, the student should be able to:

1. Understand principles of patient safety
2. Demonstrate safe drug prescribing
3. Identify misuse of antibiotics
4. Maintain proper documentation
5. Apply infection control protocols
6. Demonstrate teamwork in patient care
7. Practice aseptic techniques
8. Manage body fluid exposure safely
9. Ensure patient safety in dental practice

FOR 4TH YEAR BDS

Students should be able to:

1. Apply safety protocols in ER and OPD
2. Demonstrate procedural safety reporting
3. Implement OT safety measures
4. Manage healthcare waste properly
5. Identify sentinel events
6. Apply risk management strategies
7. Use quality improvement methods

TEACHING & LEARNING STRATEGIES

1. Lectures

- Weekly lectures (50 minutes)
- Interactive teaching
- Case-based discussions

2. Practical Training

- Demonstrations
- Simulated clinical scenarios
- Hands-on skill development

3. Clinical Learning

- Supervised patient care
- Real-life safety practices

4. E-Learning

- Recorded lectures
- Digital resources

ASSESSMENT TOOLS & STRATEGIES

1. In-Class Assessment

- Quizzes
- Assignments
- Presentations

2. Practical/Clinical Assessment

- OSCE
- Direct observation

3. Mid-Term Examination

- MCQs: 100 marks
- OSCE: 50 marks
- Viva: 50 marks

4. Pre-Professional Examination

- Same structure as mid-term

ELIGIBILITY CRITERIA

- Minimum 40% in internal assessment
- Minimum 75% attendance
- Passing ward tests mandatory
- Separate passing in theory & OSCE

COURSE CONTENT (3RD YEAR BDS)

S.NO	TOPIC	LEARNING OBJECTIVES	MODE OF TEACHING	ASSESSMENT
1	Introduction to Patient Safety	Define patient safety, types of errors	Lecture	MCQs
2	Drug Safety	Safe prescribing, drug interactions	Lecture	MCQs
3	Misuse of Antibiotics	Antibiotic resistance, rational use	Lecture	MCQs
4	Documentation	Proper clinical records	Lecture	MCQs
5	Teamwork	Communication & coordination	Lecture	MCQs
6	Infection Control	Sterilization, PPE	Lecture + Demo	MCQs
7	Patient Safety in Dentistry	Risk prevention	Lecture	MCQs
8	Body Fluid Exposure	Needle stick injury management	Lecture	MCQs
9	Aseptic Technique	Sterile procedures	Lecture + Practical	MCQ's

COURSE CONTENT (4TH YEAR BDS)

S.NO	TOPIC	LEARNING OBJECTIVES	MODE ASSESSMENT
1	Safety in ER	Emergency protocols	MCQs
2	Safety in OPD	Patient flow & infection control	MCQs
3	Procedural Safety Reporting	Incident reporting	MCQs
4	Safety in OT	Surgical safety checklist	MCQs
5	Waste Management	Biomedical waste disposal	MCQs
6	Sentinel Events	Root cause analysis	MCQs
7	Risk Management	Error prevention	MCQs
8	Quality Improvement	PDSA cycle	MCQs

PRACTICAL & CLINICAL SKILLS

3RD YEAR

Students should demonstrate:

- Prescription writing
- Referral & discharge notes
- Hand hygiene technique
- Informed consent
- PPE donning & doffing
- Aseptic injection technique
- Local anesthesia administration
- Instrument sterilization

4TH YEAR

Students should demonstrate:

- Safe use of X-ray equipment
- Radiation protection
- Ergonomic positioning
- Equipment handling
- Safe disposal of sharps
- Disinfection of impressions