

RKDF UNIVERSITY

VALUE ADDITION COURSE

ON

CARE OF DIABETICS



Organized By:

FACULTY OF NURSING

RAMKRISHNA DHARMARTH FOUNDATION UNIVERSITY

Gandhi Nagar, Bhopal, Madhya Pradesh, India-462033

Aims and Objective

1. To attain the basic knowledge of care of diabetics.
2. To give information on what normal blood glucose levels should be.
3. To give information regarding skin care and wound care.
4. To instruct how to monitor blood glucose levels.
5. To give information on the different types of medication.
6. To give information regarding foot care.

Learning outcomes

1. Increased knowledge of diabetic foot pathologies.
2. Raised awareness of diabetic foot ulcer management/ prevention.
3. Identify 3 indications for insulin pump therapy.
4. Discuss and explain the national Diabetes prevention program (National DPP).
5. Identify and promote appropriate emotional and behavioral support to people with diabetes and their families.
6. To understand the significant factors related to behavioral changes, including the importance of nutrition in the management of diabetic care.

SYLLABUS CONTENT

S.No	Topic Name	
	Theory	Practical
Unit 1	Introduction to care of diabetics. Definition care of diabetes	
Unit 2	Describe type –I, type –II diabetes.	
Unit 3	Explain foot care.	Diabetes foot care & education
Unit 4	Describe the precautions and specific contraindications to use of various types of blood glucose –lowering agents.	Practical knowledge on CGMS & Insulin pump therapy.
Unit 5	Describe barriers to self -care, including Psychosocial concerns and issues.	
Unit 6	Describe the importance of exercise and physical activities required in the management of diabetic care.	
Unit 7	Describe the relationship between blood glucose and insulin in healthy people including gluconeogenesis, glycogenolysis, lipolysis and ketogenesis.	
Unit 8	Discuss the treatment of mild and severe hypoglycemia.	
Unit 9	Enumerate the changes in the patient with abnormal behavior.	
Unit10	State the sign and symptoms of hypoglycemia.	
Unit 11	Counseling of diabetic and pre –diabetic patients.	
Unit 12	Pathological changes in pancreas.	
Unit 13	Pathology of diabetes.	

Unit 14	Role of nurse care of diabetics.	
Unit 15	-	Glucose monitoring Plaster application.
Unit 16	Pathological changes in other system	
Unit 17	Nutrition therapy for adults with type 2 diabetes.	
Unit 18	Nutrition therapy for older adults with diabetes.	
Unit 19	-	Foot assessment
Unit 20	Nutrition therapy for gestational diabetes.	
Unit 21	Explain low carbohydrate diet	
Unit 22	-	Dietary prescription
Unit 23	-	
Unit 24	Explain surgical treatment of diabetics care.	
Unit 25	-	Surgical treatment
Unit 26	-	care of wound healing.
Unit 27	-	Care of nail and foot.
Unit 28	Explain dietary assessment	
Unit 29		
Unit 30	Explain all the investigation regarding diabetic care.	

GENERAL INFORMATION AND COURSE STRUCTURE

1. Duration of training :30 Days

2. Eligibility Criteria : Any UG students
3. Language : Hindi/ English
4. Level - Certificate
5. Teaching mode: Offline classes, smart classes, videos, field visit, demonstration and PDF notes

MARKING SCHEME

S.No.	Name Of Course/ Group	Name Of Subject			
			Theory Marks	Practical marks	Total Marks
1	Value Addition Course	Care of diabetics	75	25	150

COURSE ORGANIZER

Ms. Anie Robin Associate Professor, Faculty of Nursing RKDF University

Ms. Priya bane Assistant Professor Faculty of Nursing, RKDF University

Ms. Rashmi Yadav Nursing Tutor Faculty of Nursing ,RKDF University

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TECHNICAL COMMITTEE ORGANIZER

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