



	Dr. Vinay Cho MD (Pathology & Chairman & Cons	Microbiology)	1	am Chopra 1D (Pathology) ant Pathologist	
NAME	: Mr. HARDEV SINGH				
AGE/ GENDER	: 64 YRS/MALE		PATIENT ID	: 1626724	
COLLECTED BY	:		REG. NO./LAB NO.	:012409270004	
REFERRED BY			REGISTRATION DATI	E : 27/Sep/2024 06:	59 AM
BARCODE NO.	: 01517780		COLLECTION DATE	: 27/Sep/2024 07:0	
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 27/Sep/2024 11:3	
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A				5071141
Test Name		Value	Unit	Biologica	I Reference interval
GLYCO GLYCOSYLATED HAEMOGLOBIN (HbA1c): WHOLE BLOOD <i>by HPLC (HIGH PERFORMANCE LIQUID CHROMATOGRAPHY)</i> ESTIMATED AVERAGE PLASMA GLUCOSE		6 125.5	EMOGLOBIN (HBA1 % mg/dL	4.0 - 6.4	10.00
	RMANCE LIQUID CHROMATOGRAPHY)	120.0	nig/dL	00.00 - 14	10.00
	AS PER AMERICAN I				
	REFERENCE GROUP	GL	GLYCOSYLATED HEMOGLOGIB (HBAIC) in %		
	Non diabetic Adults >= 18 years		<5.7 5.7 – 6.4		4
	t Risk (Prediabetes) iagnosing Diabetes		>= 6.5		-
D			Age > 19 Yea	rs	-
Therapeutic goals for glycemic control		Goals	Goals of Therapy:		-
			Actions Suggested:		>8.0
		Age < 19 Years			
			of therapy:		

KOS Diagnostic Lab

(A Unit of KOS Healthcare)

1.Glycosylated hemoglobin (HbA1c) test is three monthly monitoring done to assess compliace with therapeutic regimen in diabetic patients. 2. Since Hb1c reflects long term fluctuations in blood glucose concentration, a diabetic patient who has recently under good control may still have high concentration of HbAlc. Converse is true for a diabetic previously under good control but now poorly controlled.

3. Target goals of < 7.0 % may be beneficial in patients with short duration of diabetes, long life expectancy and no significant cardiovascular disease. In patients with significant complications of diabetes, limited life expectancy or extensive co-morbid conditions, targetting a goal of < 7.0% may not be appropiate.

4. High HbA1c (>9.0 -9.5 %) is strongly associated with risk of development and rapid progression of microvascular and nerve complications 5.Any condition that shorten RBC life span like acute blood loss, hemolytic anemia falsely lower HbA1c results.

6.HbA1c results from patients with HbSS,HbSC and HbD must be interpreted with caution, given the pathological processes including anemia, increased red cell turnover, and transfusion requirement that adversely impact HbA1c as a marker of long-term gycemic control.

7. Specimens from patients with polycythemia or post-splenctomy may exhibit increse in HbA1c values due to a somewhat longer life span of the red cells



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TEST PERFORMED AT KOS DIAGNOSTIC LAB. AMBALA CANTT



TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



KOS Diagnostic Lab (A Unit of KOS Healthcare)

AGE/ GENDER: 64 YHCOLLECTED BY:REFERRED BY:BARCODE NO.: 0151CLIENT CODE.: KOS	DIAGNOSTIC LAB D/1, NICHOLSON ROAD, AMB CLINICA MA DXIDASE (GOD-POD) EVEL below 100 mg/dl is consi evel between 100 - 125 mg/d oms of glucose) is recommer	REGIST COLLEG REPOR BALA CANTT Value L CHEMISTRY/E GLUCOSE FASTI 145.16 ^H	O./LAB NO. FRATION DATE CTION DATE PTING DATE Unit BIOCHEMISTRY	: 1626724 : 012409270004 : 27/Sep/2024 06:59 AM : 27/Sep/2024 07:02AM : 27/Sep/2024 10:56AM Biological Reference interval NORMAL: < 100.0 PREDIABETIC: 100.0 - 125.0 DIABETIC: > 0R = 126.0
COLLECTED BY : REFERRED BY : BARCODE NO. : 0151 CLIENT CODE. : KOS CLIENT ADDRESS : 6349 Test Name GLUCOSE FASTING (F): PLASS by GLUCOSE OXIDASE - PERO INTERPRETATION IN ACCORDANCE WITH AMERI 1. A fasting plasma glucose le test (after consumption of 75	.7780 DIAGNOSTIC LAB 9/1, NICHOLSON ROAD, AMB CLINICA MA DXIDASE (GOD-POD) EVEL below 100 mg/dl is consi evel below 100 mg/dl is consi evel between 100 - 125 mg/d oms of glucose) is recommer	REG. No REGIST COLLEG REPOR BALA CANTT Value L CHEMISTRY/E GLUCOSE FASTI 145.16 ^H	O./LAB NO. TRATION DATE CTION DATE RTING DATE Unit BIOCHEMISTRY NG (F)	: 012409270004 : 27/Sep/2024 06:59 AM : 27/Sep/2024 07:02AM : 27/Sep/2024 10:56AM Biological Reference interval NORMAL: < 100.0 PREDIABETIC: 100.0 - 125.0
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GLUCOSE FASTING (F): PLASI by GLUCOSE OXIDASE - PERO <u>INTERPRETATION</u> IN ACCORDANCE WITH AMERI 2. A fasting plasma glucose le test (after consumption of 75	MA DXIDASE (GOD-POD) ICAN DIABETES ASSOCIATION evel below 100 mg/dl is consi evel between 100 - 125 mg/d o ams of glucose) is recommer	L CHEMISTRY/E GLUCOSE FASTI 145.16 ^H GUIDELINES: idered normal.	BIOCHEMISTRY NG (F)	NORMAL: < 100.0 PREDIABETIC: 100.0 - 125.0
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