



एक एहसासि क्षपनेपन का Sparsh Multispecialty Hospital

(A Unit of Sparsh Multispecialty Hospital Private Limited)
(Formerly known as Paedia Health Private Limited)
CIN : U85110CT2005PTC017751



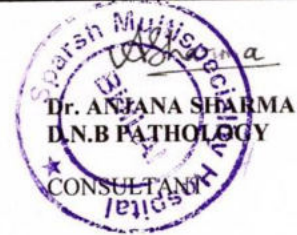
UHID	: 108900	VISITID	: 0000267293
PATIENT NAME	: MRS. SILARANI JENA	ORDER DATE	: 07/04/2023 8:09:00AM
AGE/SEX	: 33Y/FEMALE	SAMP. DATE	: 07/04/2023 12:38:00PM
CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10430881
		RESULT DATE	: 07/04/2023 12:38:00PM
		TPA	: MEDIWHEEL

DEPARTMENT OF PATHOLOGY

LIPID PROFILE

PARAMETER	VALUE	RESULT	REFERENCE RANGE
CHOLESTEROL TOTAL	170 mg / dl	Normal	150 - 220
TRIGLYCERIDES - SERUM	162 mg / dl	Normal	60 - 165
HDL	53.14 mg / dl	Normal	35 - 80
LDL	84.46 mg/dL	Low	90 - 160
VLDL	32.40	Normal	20 - 50
CHOL : HDL Ratio	3.20:1		3.5 - 5.5
LDL: HDL Ratio	1.59:1		-

TECHNICIAN



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CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10430794
		RESULT DATE	: 07/04/2023 11:42:00AM
		TPA	: MEDIWHEEL

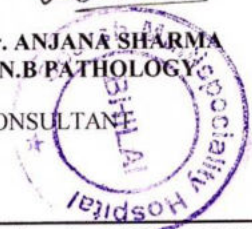
DEPARTMENT OF PATHOLOGY

CBC (COMPLETE BLOOD COUNT)

PARAMETER	VALUE	RESULT	REFERENCE RANGE
HAEMOGLOBIN (Hb)	12.7 gm%	Normal	12 - 16
TOTAL RBC COUNT	3.95 Million/cumm	Low	4.5 - 5.1
HAEMATOCRIT (PCV)	35.1 %	Low	35.9 - 44.6
RBC INDICES			
MCV	88.7 f l	Normal	78 - 96
MCH	32.1 pg	High	27 - 32
MCHC	36.2 %	Normal	33 - 37
RDW	12.7 %	Normal	11 - 16
TOTAL WBC COUNT (TLC)	9300 /cumm	Normal	4000 - 11000
DIFFERENTIAL COUNT			
NEUTROPHILS	66 %	Normal	0 - 75
LYMPHOCYTES	28 %	Normal	22 - 48
EOSINOPHILS	02 %	Normal	0 - 6
MONOCYTES	04 %	Normal	2 - 10
BASOPHILS	00 %	Normal	0 - 2
BANDS	00 %	Normal	0 - 5
BLAST	00 %	Normal	
PLATELET COUNT	164000 /cumm	Normal	150000 - 450000

TECHNICIAN

Anjana Sharma
Dr. ANJANA SHARMA
D.N.B PATHOLOGY
CONSULTANT



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DEPARTMENT OF PATHOLOGY

PARAMETER	VALUE	RESULT	REFERENCE RANGE
BLOOD GROUPING AND RH TYPING			
BLOOD GROUP	"O"	-	-
RH FACTOR	Positive	-	-
BUN (BLOOD UREA NITROGEN)			
BUN (BLOOD UREA NITROGEN)	10.28 mg / dl	Normal	8 - 23
CREATININE			
SERUM CREATININE	0.46 mg/dL	Normal	0.3 - 1.5
GGT (GAMMA GLUTAMYL TRANSFERASE)			
GGT (GAMMA GLUTAMYL TRANSFERASE)	16 U / L	Normal	5 - 36
URIC ACID			
URIC ACID	3.53 mg/dL	Normal	2.5 - 6.8

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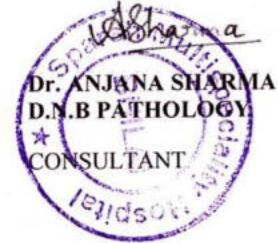


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CONSULTANT DOCTOR	: HOSPITAL CASE	SPEC. NO	: 10430788
		RESULT DATE	: 07/04/2023 11:43:00AM
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DEPARTMENT OF PATHOLOGY

PARAMETER	VALUE	RESULT	REFERENCE RANGE
BLOOD SUGAR - FASTING AND PP			
BLOOD SUGAR FASTING	100 mg/dL	Normal	80 - 120
BLOOD SUGAR PP	116 mg/dL	Low	120 - 140
URINE SUGAR FASTING			
URINE FOR SUGAR	Nil	-	-
URINE SUGAR PP			
URINE FOR SUGAR	Nil	-	-

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		RESULT DATE	: 07/04/2023 11:50:00AM
		TPA	: MEDIWHEEL

DEPARTMENT OF PATHOLOGY

T3,T4 TSH

PARAMETER	VALUE	RESULT	REFERENCE RANGE
T3 (TRIIODOTHYRONINE)	1.246 ng/ml	Normal	0.69 - 2.15
T4 (THYROXINE)	73.93 ng/ml	Normal	52 - 127
TSH (THYROID STIMULATING HORMONE)	2.537 uIU/ml	Normal	0.3 - 4.5

REFERENCE GROUP REFERENCE RANGE in uIU/mL
As per American Thyroid Association

Adult Females (> 20 years)	0.30- 4.5
Pregnancy	
1st Trimester	0.10- 2.50
2nd Trimester	0.20 - 3.00
3rd Trimester	0.30 - 3.00

Note:

TSH levels are subject to circadian variation, reaching peak levels between 2 - 4.a.m. and at a minimum between 6-10 pm . The variation is of the order of 50% . hence time of the day has influence on the measured serum TSH concentrations.

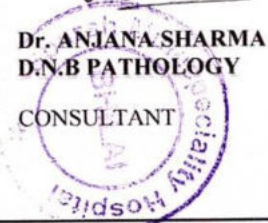
1. Recommended test for T3 and T4 is unbound fraction or free levels as it is metabolically active.
1. Physiological rise in Total T3 / T4 levels is seen in pregnancy and in patients on steroid therapy.

Clinical Use

- Primary Hypothyroidism
- Hyperthyroidism
- Hypothalamic - Pituitary hypothyroidism
- Inappropriate TSH secretion
- Nonthyroidal illness
- Autoimmune thyroid disease
- Pregnancy associated thyroid disorders
- Thyroid dysfunction in infancy and early childhood

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DEPARTMENT OF PATHOLOGY

HBA1c (GLYCOSYLATED HAEMOGLOBIN)

PARAMETER	VALUE	RESULT	REFERENCE RANGE
HBA1 C (GLYCOSYLATED HEAMOGLOBIN)	5.6 %	Normal	4 - 6

Interpretation

As per American diabetes Association (ADA)

Reference Group - HbA1c In%
Non diabetic >= 18 years - 4.0 - 6.0
At risk (Prediabetes) - >= 6.0 to < = 6.5
Diagnosing diabetes - >=6.5

Therapeutic goals for glycemic control

- Age > 19 years
- Goal of therapy: <7.0
- Action suggested: >8.0
- Age < 19 years
- goal of therapy: < 7.5

Note:


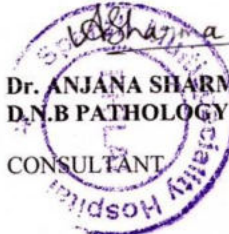
1. Since HbA1c reflects long term fluctuations in the blood glucose concentration, a diabetic patient is recently under good control may still have a high concentration of HbA1c. converse is true for a diabetic previously under good control now poorly controlled.

2. Target goals of <7.0 % may be beneficial in patient with short duration of diabetes, long life expectancy and no significant cardiovascular disease. In patient with significant complication of diabetes, limited life expectancy of extensive co-morbid condition, targeting a goal of <7.0% may not be appropriate.

Comments

HbA1c provides an index of average blood glucose levels over the past 8-12 weeks and is a much better indicator of long glycemic control as compared to blood and urinary glucose determination.

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DEPARTMENT OF PATHOLOGY

URINE ROUTINE AND MICROSCOPY

PARAMETER	VALUE	RESULT	REFERENCE RANGE
PHYSICAL EXAMINATION			
QUANTITY	10 ml	-	-
COLOUR	Pale Yellow	-	-
APPEARANCE	Clear	-	-
REACTION	Acidic	-	-
CHEMICAL EXAMINATION			
ALBUMIN	Nil	-	-
SUGAR	Nil	-	-
MICROSCOPIC EXAMINATION			
EPITHELIAL CELLS	1-2 /hpf	-	0 - 5
PUS CELLS	Occasional /hpf	-	1 - 2
RBC	Nil /hpf	-	-
CAST	Nil /lpf	-	-
CRYSTAL	Nil	-	-
AMORPHOUS MATERIAL DEPOSIT	Nil	-	-
OTHERS	Nil	-	-

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LFT (LIVER FUNCTION TEST)

PARAMETER	VALUE	RESULT	REFERENCE RANGE
BILIRUBIN TOTAL	0.89 mg/dL	Normal	0.1 - 1.2
BILIRUBIN DIRECT	0.17 mg / dl	Normal	0.1 - 0.6
BILIRUBIN INDIRECT	0.72 mg / dl	High	0.1 - 0.4
ALKALINE PHOSPHATASE	76 U / L	Normal	0 - 240
SGOT	27 U / L	Normal	0 - 46
SGPT	18 U / L	Normal	0 - 40
TOTAL PROTEIN	7.86 g / dl	Normal	6 - 8
ALBUMIN	4.47 g/dl	Normal	4.1 - 5.3
GLOBULIN	3.39 g / dl	Normal	2 - 3.5
A.G.RATIO	1.31:1		1 - 2.5

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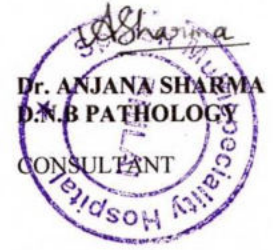
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DEPARTMENT OF PATHOLOGY

ESR (ERYTHROCYTE SEDIMENTATION RATE)

PARAMETER	VALUE	RESULT	REFERENCE RANGE
ESR	52 mm at end of 1 hr	High	0 - 20

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