

Normal Range

Assistant Lecturer

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1- PR---pulse rate 60----100 beat/min

2-RR---Respiratory rate 14---20 breath/ min

3-Bp--- Blood pressure

-Systolic pressure 100----140 MMHg

-Diastolic pressure 60----90 MMHg

4- PH of the blood

7.35-----7.45 7.4

5- PaO₂ 80-----100 MMHg

6- PaCO₂ 35----45 MMHg

7- HCO₃ 22-----26

8- BE +_ 2

9- FBS--- Fast Blood Sugar 60---110 Mg/dl

10- RBS---Random Blood Sugar 90---180mg/dl

11- HbA1C---4.5-----6.5 %

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Serum Electrolyte

12- Na 135-----145 Meq/L

13- K 3.5-----5.5 Meq/L

14- Ca 8.5-----10.5 Meq/L

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15- Hb Male 13 ---18 mg/dl
Female 11.5----16.5 mg/dl

16- PCV Male 40----54 %
Female 37----47%

17- ESR Male 0----20 mm/hr
Female 0-----25 mm/hr

18-Cholesterol 140 ----250 mg/dl

19- TSB 0.1----1.0 mg/dl

20-Blood urea 16----40 mg/dl
- urine urea 20----35 mg/24hr

21- S.U.A serum uric acid
- Male 3.4-----7 mg/dl
-Female 2.5---6 mg/dl

22- Serum Creatinine
Male 0.7----1.2 mg/dl
Female 0.5----0.9 mg/dl

23- BUN Blood urea nitrogen

10----20 mg/dl

24-SGOT 0----40

25- SGPT 0----45

26-RBC-5 Million /mm

27-WBC-4000-11000/mm

28-Platelet count – 150,000-400,000/mm

29- Blood Oxygen Saturation level 95—99%

30- Pulse Deficit 4 ----10 beat /min

31-Pulse Pressure 40---50 mmhg

32-eye blinking 15----30 blinking /min

OR 30 blinking /min

CBC

Complete Blood Count

- **Hb**
- **Pcv**
- **RBC**
- **WBC**
- **Platelet count**
- **ESR**
- **DLC**

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WBC Differential

- **Neutrophils 40-75%**
- **Basophils 0-2%**
- **Eosinophils 1-6%**
- **Monocytes 1-10%**
- **Lymphocytes 15-45%**

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Lipid profile

- Cholesterol**
- Triglycerides**
- HDL**
- LDL**
- VLDL**

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KFT

Kidney function test

- B. Urea**
- S. Creatinine**
- S. Uric acid**
- BUN**

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LFT

Liver function test

- TSB**
- SGOT**
- SGPT**
- Alkaline PHosphatase**

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ABGs

Arterial Blood Gases or Blood Gas Analysis

- .PH**
- .PaO₂**
- .paCO₂**
- .HCO₃**
- .BE**

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Cardiac Enzyme

1Troponin -T and I

2-Creatine kinase – CK-

3- lactic Dehydrogenase –LDH-

4- Serum Myoglobine

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Thyroid Function Test

-T3

-T4

-TSH

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Viral Screen

-HAV

-HBV

-HCV

-HDV

-HEV

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