

NCLEX LAB VALUES

Blood Counts

• Hemoglobin (Hgb)

- Male: 14-18 g/dL
- Female: 12-16 g/dL
- Pregnant:
Female > 11 g/dL

• Hematocrit (Hct)

- Male: 42-52%
- Female: 37-47%
- Pregnant
Female: > 33%

• White blood cells (WBC)

- 4,000 - 11,000 cells/mL

Electrolytes

• Potassium (K)

- 3.5-5.3 mEq/L
- Critical < 3 or > 7

• Sodium (Na⁺)

- 135-145 mEq/L
- Critical < 120 or > 160

Renal Function

• Blood Urea Nitrogen (BUN)

- 10-20 mg/dL
- Critical: > 100 mg/dL

Metabolism

• Glucose

- Fasting: 70-110 mg/dL
- Random: $\leq$ 200 mg/dL
- Critical: < 50 or > 400

• Hemoglobin A1C

- No DM: 4-5.7%
- Good DM control: < 7%
- Poor DM control: > 9%

• Cholesterol

- < 200 mg/dL

Arterial Blood Gas (ABGs)

• pH: 7.35-7.45 | critical < 7.25 or > 7.6

• PaCO₂: 35-45 mmHg | critical < 20 or > 40

• HCO₃: 22-26 mEq/L | critical < 10 or > 40

• PaO₂: 80-100 mmHg | critical < 40 mmHg

Coagulation

• Platelets: 150,000 - 400,000 | ^{Critical} < 50K or > 1mil

• aPTT: 30-40 seconds | > 70 seconds

• PT/INR: 11-12.5 seconds / 0.8-1.1

• Creatine

- Male: 0.6-1.2 mg/dL
- Female: 0.5-1.1 mg/dL
- Critical: > 4 mg/dL