

# Medical Surgical Cheat Sheet

BEAUTIFUL NURSING LLC

## VITALS

BP: 120/80  
HR: 60-100 BPM  
RR: 12-20  
O2: 95-100%  
Temp: 98.6 °F (37°C)  
Pain: 0-10 on Pain Scale



## LABS & ELECTROLYTES

### BLOOD

Hemoglobin:  
M 13-18, F 12-16  
Hematocrit:  
M 42-50, F 37-47  
WBCs: 4-11K  
RBCs: 4-6M

### RENAL

Creatinine: 0.5-1.5  
BUN: 10-20

### ELECTROLYTES

Sodium: 135-145  
Magnesium: 1.5-2.5  
Calcium: 9-11  
Chloride: 95-105  
Potassium: 3.5-5  
Phosphate: 2.5-4.5

### COAGULATION

PT: 10-12  
INR: <1.2  
aPTT: 30-40  
Platelets: 150-400K

### METABOLISM

Glucose: 70-100  
A/C: <5.6  
Cholesterol: <200  
Triglycerides: <150  
LDL: <100  
HDL: >60

### ABGs

pH: 7.35-7.45  
PCO2: 35-45  
HCO3: 22-26  
PO2: 80-100

## ELECTROLYTE HACK

Potassium does SAME as prefix except Heart Rate & Urine Output

HYPERkalemia: ↑ everything except HR/Urine  
HYPOkalemia: ↓ everything except HR/Urine

Calcium and Magnesium do OPPOSITE of prefix.

Hypoc: ↓ everything (HR, BP, RR, etc)  
Hyper: ↑ everything (HR, BP, RR, etc)

Pay attention to prefix letters in Sodium:  
hypoNaemia: E for dehydration  
hypoNaemia: O for Overload of fluid

## MEDICATION ADMIN

IM- Intramuscular 90°  
Sites: Deltoid, Ventrogluteal, Vastus Lateralis  
SQ- Subcutaneous 45°  
Sites: Abdomen or Back of Arm  
ID- Intradermal 10-15°  
Sites: Inner Surface of Forearm  
IV- Intravenous 25°  
Sites: Cephalic, Cubital, or Basilic Vein



## IV FLUID TYPES

**HYPOTONIC**  
0.45% NS

Fluid goes INTO cell to expand cells

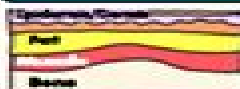
**ISOTONIC**  
0.9% NS

Replenishes cells w/o changing shape.

**HYPEROTONIC**  
3% NS

Fluid goes OUT of cell to shrink cells

## PRESURE ULCER STAGES



Stage 1: Redness



Stage 3: Full Thickness Tissue Loss



Stage 2: Partial Thickness w/ Loss of Dermis



Stage 4: Full Thickness Tissue Loss w/ Exposed Bone, Muscle, Tendon

## O2 DELIVERY DEVICES

Nasal Cannula: 1-6 L/Min Flow Rate  
Simple Face Mask: 6-12 L/Min Flow Rate  
Partial Rebreather: 6-11 L/Min Flow Rate  
Nonrebreather: 10-15 L/Min Flow Rate  
Venturi: 4-12 L/Min Flow Rate  
Aerosol Mask: >10 L/Min Flow Rate

## INSULIN

### LEARN

#### L: Long Acting

-Lantus "Glargine"  
-Long Acting  
-Lasts 24 hrs  
-Lack of Peak  
(Onset: 12-24 hrs)

#### S: Short Acting

-Regular  
-Run IV  
-Rapid to Run  
(Onset: 1 hr, Peak: 2 hr, Duration: 4 hr)

#### R: Rapid Acting

-Eat with Injection  
-Effective Immediately  
-Eliminates a LAG of 1-2 BG  
L: Lispro  
A: Aspart  
G: Glulisine

(Onset: 15 min, Peak: 30 min, Duration: 3 hrs)

#### N: Intermediate Acting

-NPH  
-Not Fast  
-Not Clear  
-Non-Compliant Crowd

(Onset: 4 hrs, Peak: 8-10 hrs, Duration: 12 hrs)

#### A: Adverse Effects of I's

Hypoglycemia, Hypokalemia, Hypos, Headache

## ALERT & ORIENTED

A&Ox1: Oriented to Person  
A&Ox2: Oriented to Place  
A&Ox3: Oriented to Time  
A&Ox4: Oriented to Event

## REFLEXES

0 = Nonreactive ABSENT  
1+ = Diminished  
2+ = Active or NORMAL  
3+ = Brisker than Average  
4+ = Hyperactive with Clonus

## PULSE STRENGTH

0 = Pulse is absent  
1+ = Diminished  
2+ = NORMAL  
3+ = Full  
4+ = Bounding

# Med Surg Clinical Narratives

**SA Adler**



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