

NCLEX REVIEW NURSING CHEAT SHEET

Pharmacology

You can not learn all the medications at once. But by learning drug categories and their corresponding name endings, memorization will become easier. This way you'll be able to eliminate many answer choices on your pharma questions.

- **ACE inhibitors and (in)** -pril (lisinapril)
- **Beta-blockers and (in)** -olol (propranolol)
- **H2 receptor blockers and (in)** -tidine (cimetidine)
- **Anti and (in)** -ycin or -cillin (erythromycin, penicillin)
- **Cholesterol lowering drugs and (in)** -statin (atorvastatin)



- **Benzodiazepines and (in)** -pam (clonazepam)
- **Phenothiazines and (in)** -azine (promethazine)
- **Glucocorticoids and (in)** -one (prednisone)

- **Antibiotics and (in)** -icin (acyclovir)
- **ARBs and (in)** -artan (losartan)
- **PRNs and (in)** -azole (omeprazole)
- **Anticoagulants and (in)** -arin (heparin)



Drug Schedules

- **Schedule I** - no currently accepted medical use and for research use only (e.g., heroin, LSD, MDMA)
- **Schedule II** - drugs with high potential for abuse and requires written prescription (e.g., Ritalin, hydromorphone (Dilaudid), meperidine (Demerol), and fentanyl)
- **Schedule III** - requires new prescription after six months or five refills (e.g., codeine, testosterone, buprenorphine)

Vital Signs

- Temp: 36.5 to 37.2°C (97.8-99°F)
- BP: 90/60 to 120/80 mm Hg
- Heart rate - 60-100 bpm
- Respiratory Rate: 12 to 20 breaths per minute

Conversions

- 1 teaspoon = 5 mL
- 1 tablespoon = 3 tsp
- 1 oz = 30 mL
- 1 cup = 8 oz
- 1 pint = 2 cups

- Convert C to F: C x 9/5 + 32
- multiply by 9/5 and add 32



- 1 quart = 2 pints
- 1 gram (g) = 1000 mg
- 1 gram (g) = 1,000 mg
- 1 kilogram (kg) = 2.2 lbs
- 1 lb = 16 oz

- Convert F to C: F - 32
- multiply by 5/9 and subtract 32

Rules of nines for calculating Total Body Surface Area (TBSA) for burns

- Head: 9%
- Arms: 18% (9% each)
- Back: 18%
- Legs: 36% (18% each)
- Genitalia: 1%

Common Diets

- Gallbladder diseases - Low fat, calorie restricted
- Regular Gastritis - Low fiber, bland diet
- Hepatitis - High calorie, high protein
- Hyperlipidemias - Fat controlled, calorie restricted
- Hypertension/Heart Failure/CAD - Low Sodium, calorie restricted, fat controlled
- Kidney Stones - Increased fluid intake, controlled calcium intake, low-oxalate

- Obesity/overweight - Calorie restricted, high fiber
- Peptic ulcer - Bland diet
- Pernicious Anemia - Increase Vitamin B12 (Cobalamine), found in high amounts on shellfish, beef liver, and fish.

Baby growth

- **2-3 months** able to turn head up, and can turn side to side. Makes cooing or gurgling noises and can turn head to sound.
- **4-6 months** grasps, switches and roll over tummy to back. Can babble and can mimic sounds.
- **6-9 months** sits at 6 and waves bye-bye. Can recognize familiar faces and knows if someone is a stranger. Passes things back and forth between hands.
- **8-9 months** stands straight at night, has favorite toy, plays peek-a-boo.
- **10-12 months** belly to butt.
- **12-24 months** twirls and up, drinks from a cup. Cries when parents leave, uses furniture to cruise.

Common Signs and Symptoms

- Diabetes Mellitus - excessive thirst
- Anger - increased heart rate (HR) - tachycardia, hypertension, stress
- Chronic Kidney - polyuria, polydipsia, polyuria
- Bacteremialphage (Bacterial Phage) - fever, chills
- Hypertension - Headache, dizziness, blurred vision
- Acute - vomiting, nausea, pain relieved by NPO
- Myocardial infarction (MI) - crushing, radiating pain radiating to left shoulder, neck, and arm (substernal MI)
- Parkinson's disease - pill rolling tremors
- Glaucoma - blurred vision
- Retinal detachment - flashes of light, shadow with vision loss
- Basilar Skull Fracture - Battle's sign (late) - mastoid tenderness and bruising

Sexual Transmitted Infections

- Herpes Simplex Type II - painful vesicles on genitalia
- Gonorrhea - white to yellow discharge
- Syphilis - chancre (painless ulcer)
- Chlamydia - painless discharge
- Bacteremia - green, white discharge and painful urination
- Chlamydia - white discharge and painful urination
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Lab Values

Blood Gas

- pH: 7.35-7.45
- PaO2: 80-100 mmHg
- PaCO2: 35-45 mmHg
- HCO3-: 22-28 mEq/L
- pO2: 80-100 mmHg
- SaO2: 95-100%

Cardiac markers

- Troponin: < 0.05 ng/mL
- Creatinine: < 1.2 mg/dL
- BUN: < 20 mg/dL
- Creatinine: < 1.2 mg/dL

Hematology

- WBC: 4,000-11,000/mm3
- RBC: 4.5-5.5 million/mm3
- Hemoglobin: 12-16 g/dL
- Hematocrit: 37-47%
- PT: 12-14 seconds
- aPTT: 35-45 seconds
- INR: 1.0-1.2

Lipoproteins & Triglycerides

- LDL: < 100 mg/dL
- HDL: > 40 mg/dL
- TG: < 150 mg/dL
- Total: < 200 mg/dL



Pain Assessment

FLACC

- Face
- Legs
- Cry
- Activity
- Consolability

Types of Pain

- Chronic: Persistent, ongoing pain that lasts more than six months.
- Acute: Sudden onset of pain, specific to injury.

Effects of Pain

- Chronic: chronic suppression, depression, disability, fatigue, anger, inability to perform ADLs

- Acute: increased cortisol output, impaired tissue response, chronic suppression, increased cortisol production, increased blood pressure

Factors that Influence Pain

- Past Experience
- Anxiety
- Depression
- Age
- Gender
- Culture



Maternity

EPID - Treatment for maternal hypotension after an epidural anesthesia

- Stop infusion of opioids
- Turn the client on her left side
- If hypotension is present, push IV fluids

Newborn Reflexes

- **Blinking** - Eyes should close if light flashes in eyes.
- **Moro** - Reflex should occur when baby and head are suddenly moved and then pull back in response to head movement.
- **Rooting** - Reflex should occur when baby's cheek is touched.
- **Sucking** - Reflex should occur when baby's mouth is touched.
- **Swallowing** - Reflex should occur when baby's mouth is touched.
- **Grasp** - Reflex should occur when baby's fingers are touched.
- **Startle** - Reflex should occur when baby's head is touched.
- **Head turning** - Reflex should occur when baby's head is touched.
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 - The Rise of Digital Reading Study Guide Pearl Nclex
 - Advantages of eBooks Over Traditional Books
2. Identifying Study Guide Pearl Nclex
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Study Guide Pearl Nclex
 - User-Friendly Interface
4. Exploring eBook Recommendations from Study Guide Pearl Nclex
 - Personalized Recommendations
 - Study Guide Pearl Nclex User Reviews and Ratings
 - Study Guide Pearl Nclex and Bestseller Lists
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 - Participating in Virtual Book Clubs
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 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Study Guide Pearl Nclex
 - Setting Reading Goals Study Guide Pearl Nclex
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Study Guide Pearl Nclex
 - Fact-Checking eBook Content of Study Guide Pearl Nclex
 - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
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 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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