

# 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 (diazepam)
- **Phenothiazines and (in)** -azine (promethazine)
- **Glucocorticoids and (in)** -one (prednisone)

- **Antibiotics and (in)** -in (amoxicillin)
- **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



- 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 C to F: C x 9/5 and add 32

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

## 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 (Cobalamins), 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
- Bacteremialyphagel (Bacteremialyphagel) - fever, chills
- Anemia - fatigue, weakness, pallor
- Acute - vomiting, diarrhea, abdominal pain
- Chronic - fatigue, weakness, pallor
- Acute - fever, chills, tachycardia, hypertension
- Chronic - fatigue, weakness, pallor

### Sexual Transmitted Infections

- Herpes Simplex Type II - painful vesicles on genitalia
- Gonorrhea - discharge, pain, swelling, redness
- Chlamydia - discharge, pain, swelling, redness
- Syphilis - pain, swelling, redness, discharge
- HIV - fatigue, weakness, pallor
- Hepatitis - fatigue, weakness, pallor
- Tuberculosis - fatigue, weakness, pallor
- Malaria - fever, chills, tachycardia, hypertension
- Anemia - fatigue, weakness, pallor

## 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
- pCO2: 35-45 mmHg

### Cardiac markers

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

### Hematology

- WBC: 4,000-11,000/mm3
- RBC: 4.5-6.0 million/mm3
- Hemoglobin: 12-16 g/dL
- Hematocrit: 37-47%
- Platelets: 150,000-400,000/mm3
- PT: 12-15 seconds
- aPTT: 35-45 seconds
- INR: 1.0-1.5

### 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, recurrent pain that lasts more than six months.
- Acute: Sudden onset of pain, specific to injury. Lasts from seconds to six months.
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- Acute: Sudden onset of pain, specific to injury. Lasts from seconds to six months.

### Effects of Pain

- Chronic: Increased cortisol output, impaired immune response, increased depression, decreased mood, decreased quality of life.
- Acute: Increased cortisol output, impaired immune response, increased depression, decreased mood, decreased quality of life.

### 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** - Infant should turn head toward finger if placed on cheek.
- **Grasp** - Infant should grasp finger if placed on palm.
- **Startle** - Infant should startle if loud noise is heard.
- **Babinski** - Infant should extend foot if sole of foot is touched.
- **Galant** - Infant should turn head toward finger if placed on back.
- **Palmar** - Infant should grasp finger if placed on palm.
- **Plantar** - Infant should extend foot if sole of foot is touched.
- **Trunk** - Infant should turn head toward finger if placed on back.
- **Head** - Infant should turn head toward finger if placed on back.
- **Neck** - Infant should turn head toward finger if placed on back.
- **Arm** - Infant should extend arm if shoulder is touched.
- **Leg** - Infant should extend leg if thigh is touched.
- **Foot** - Infant should extend foot if sole of foot is touched.
- **Hand** - Infant should grasp finger if placed on palm.
- **Head** - Infant should turn head toward finger if placed on back.
- **Neck** - Infant should turn head toward finger if placed on back.
- **Arm** - Infant should extend arm if shoulder is touched.
- **Leg** - Infant should extend leg if thigh is touched.
- **Foot** - Infant should extend foot if sole of foot is touched.
- **Hand** - Infant should grasp finger if placed on palm.

# Lpn Nclex Study Guide 2015

**J Rink**



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## **Table of Contents Lpn Nclex Study Guide 2015**

1. Understanding the eBook Lpn Nclex Study Guide 2015
  - The Rise of Digital Reading Lpn Nclex Study Guide 2015
  - Advantages of eBooks Over Traditional Books
2. Identifying Lpn Nclex Study Guide 2015
  - 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 Lpn Nclex Study Guide 2015
  - User-Friendly Interface
4. Exploring eBook Recommendations from Lpn Nclex Study Guide 2015
  - Personalized Recommendations
  - Lpn Nclex Study Guide 2015 User Reviews and Ratings
  - Lpn Nclex Study Guide 2015 and Bestseller Lists
5. Accessing Lpn Nclex Study Guide 2015 Free and Paid eBooks
  - Lpn Nclex Study Guide 2015 Public Domain eBooks
  - Lpn Nclex Study Guide 2015 eBook Subscription Services
  - Lpn Nclex Study Guide 2015 Budget-Friendly Options
6. Navigating Lpn Nclex Study Guide 2015 eBook Formats

- ePub, PDF, MOBI, and More
- Lpn Nclex Study Guide 2015 Compatibility with Devices
- Lpn Nclex Study Guide 2015 Enhanced eBook Features
- 7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Lpn Nclex Study Guide 2015
  - Highlighting and Note-Taking Lpn Nclex Study Guide 2015
  - Interactive Elements Lpn Nclex Study Guide 2015
- 8. Staying Engaged with Lpn Nclex Study Guide 2015
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Lpn Nclex Study Guide 2015
- 9. Balancing eBooks and Physical Books Lpn Nclex Study Guide 2015
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Lpn Nclex Study Guide 2015
- 10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
- 11. Cultivating a Reading Routine Lpn Nclex Study Guide 2015
  - Setting Reading Goals Lpn Nclex Study Guide 2015
  - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Lpn Nclex Study Guide 2015
  - Fact-Checking eBook Content of Lpn Nclex Study Guide 2015
  - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
  - Utilizing eBooks for Skill Development
  - Exploring Educational eBooks
- 14. Embracing eBook Trends
  - Integration of Multimedia Elements
  - Interactive and Gamified eBooks

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