

Instructions for Medication Work-Up

You are required to work up 12 medications from the LVN-RN Medical Surgical Medication List. You have two choices for how to work-up these medications. You can fill out an active learning template or you can print the ATI drug information table. Please do what is best for you to have a good understanding of these medications. They will be included in test content.

Method 1: Fill out Active Learning Template

1. Go to “My ATI” on the ATI front Page. Select “Active Learning Templates”.

The screenshot shows the ATI website interface. At the top, there is a navigation menu with links for HOME, MY ATI, MY RESULTS, and HELP. The MY ATI link is circled in red. Below the navigation menu, there is a 'Study Materials' dropdown menu with 'Active Learning Templates' selected and circled in red. The 'Content Area' is set to 'All'. Below this, there are tabs for LEARN, TEST, IMPROVE, APPLY, and NCLEX PREP. The 'Type' dropdown is set to 'All', and there is a checkbox for 'Hide disabled products (0 hidden)' and an 'ADD PRODUCT' button. The main content area displays a grid of product cards. Each card has a title, a description, a 'MODULES' or 'DEMOS' or 'QUIZZES' button with a count, and an 'Accessed: Never' status. The cards are:

Product Type	Product Name	Count	Accessed
Tutorial	Achieve	5	Never
Flashcards	Active Stack® Pharmacology Flash Cards	12	Never
Tutorial	ATI Plan - Student Orientation *NEW*	1	Never
Tutorial	ATI TEAS SmartPrep	4	Never
Tutorial	Dosage Calculation 2.0: Desired Over Have	10	Never
Tutorial	Dosage Calculation 2.0: Dimensional Analysis	10	Never
Tutorial	Dosage Calculation 2.0: Ratio and Proportion	10	Never
Quiz Bank	Learning System RN 2.0	34	Never

2. Choose the “Medication” Active Learning Template

 [Julie Wolfe's Account](#) [Online Store](#) [Contact Us](#) [Return t](#)

[HOME](#) [MY ATI](#) [MY RESULTS](#) [HELP](#)

Study Materials **Active Learning Templates**

Active Learning Templates

STUDENT INSTRUCTIONS

<p>Active Learning</p> <p>Basic Concept</p> <p>VIEW</p>	<p>Active Learning</p> <p>Diagnostic Procedure</p> <p>VIEW</p>	<p>Active Learning</p> <p>Growth and Development</p> <p>VIEW</p>	<p>Active Learning</p> <p>Medication</p> <p>VIEW</p>
<p>Active Learning</p> <p>Nursing Skill</p> <p>VIEW</p>	<p>Active Learning</p> <p>System Disorder</p> <p>VIEW</p>	<p>Active Learning</p> <p>Therapeutic Procedure</p> <p>VIEW</p>	

3. Download and Fill out Active Learning Template for each medication.



Enter Search Here

SEARCH

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Automatic Zoom

ACTIVE LEARNING TEMPLATE: *Medication*

STUDENT NAME _____

MEDICATION _____ REVIEW MODULE CHAPTER _____

CATEGORY CLASS _____

PURPOSE OF MEDICATION

Expected Pharmacological Action

Therapeutic Use

Complications

Medication Administration

Contraindications/Precautions

Nursing Interventions

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1. Under “My ATI” scroll down and choose “Pharmacology Made Easy”

The image shows a grid of course cards. The card for 'Pharmacology Made Easy 3.0' is circled in red. Each card displays the course title, a category label (Tutorial or eBook), a count of modules or eBooks, and an 'Accessed: Never' status.

Course Title	Category	Count	Accessed
Unlabeled	MODULES	10	Never
Unlabeled	MODULES	10	Never
Unlabeled	MODULES	10	Never
Unlabeled	QUIZZES	34	Never
Nurse's Touch: Becoming a Professional Nurse	Tutorial	4	Never
Nurse's Touch: Nursing Informatics and Technology	Tutorial	4	Never
Nurse's Touch: Professional Communication	Tutorial	5	Never
Nurse's Touch: Wellness and Self-Care	Tutorial	5	Never
NurseLogic 2.0	Tutorial	4	Never
Pharmacology Made Easy 3.0	Tutorial	13	Never
Ready Set RN	eBook	1	Never
RN eBook Library	eBook	9	Never
Sigma Theta Tau Modules 2015	Tutorial	-	Never
Skills Modules 2.0	Tutorial	-	Never

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2. Choose any lesson on the drop down menu. Select "Begin Lesson".

The screenshot displays a modal window titled "Pharmacology Made Easy 3.0 (13)" with a "CLOSE" button in the top right corner. Below the title, there are two dropdown menus: "View" set to "All" and "Sort" set to "Name". A checked checkbox labeled "Hide disabled modules (0 hidden)" is present. The main content area is divided into four sections, each with a "BEGIN LESSON" and a "BEGIN TEST" button. The "Infection" section has its "BEGIN LESSON" button circled in red. Each section also includes an "Accessed: Never" status indicator at the bottom right. The background shows a sidebar with "MODULES 4" and "MEMO 14" buttons, and a list of topics including "Touch: ing a Professional", "gic 2.0", "eta Tau ; 2015", and "The Cardiovascular System".

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3. Click on “Tools” and select “Resources”

The screenshot shows the ATI Nursing software interface. At the top left is the ATI logo. The top center displays 'Tutorial: Pharmacology Made Easy 3.0' and 'Module: Infection'. At the top right is a 'CLOSE' button. Below the header is a navigation bar with a 'MENU' button, a 'Time Spent: 00:00:00' indicator, and a 'TOOLS +' button circled in red. On the left is a 'TABLE OF CONTENTS' sidebar with 'Expand All' and a list of topics including Introduction, Copyright, Types of Organisms (Bacteria, Mycobacterium, Viruses, Fungi, Parasites, Aerobic and Anaerobic), Types of Antibiotics, Sensitivity and Resistance, Goal of Drug Therapy for Infections, and various drug classes (Antibacterials, Antimycobacterials, Antinematocides). The main content area shows 'Module: Infection' with a small image of a person's face. Below this is an 'Intellectual Property Notice' and an 'Important Notice to the Reader'. At the bottom right is a blue arrow button labeled 'CONTINUE'.

4. Choose desired medication class.

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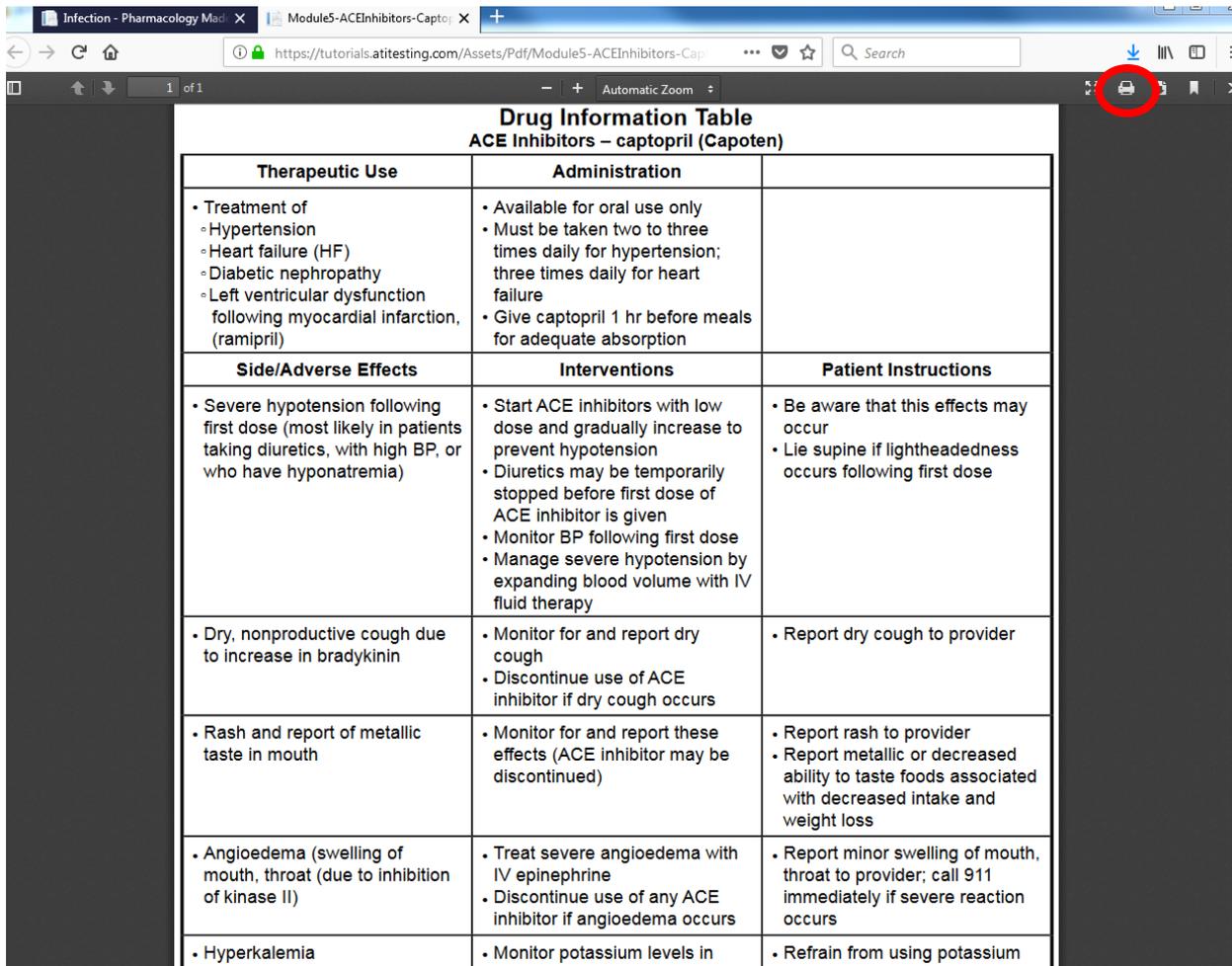
Tutorial: Pharmacology Made Easy 3.0
Module: Infection

CLOSE

TABLE OF CONTENTS	Resources	Time: 00:00:47	TOOLS
Introduction	Module 4: Expectorants	Calculator	Critical Thinking Guide
▶ Copyright	Module 4: Glucocorticoids		
Introduction	Module 4: Inhaled Anticholinergics	<p>of Assessment Technologies is subject to trademark, service by third parties who have</p> <p>is only and may be modified or advice, diagnosis, or treatment, possible for errors, omissions, or endorse any specific tests, written in this book may not be its are discussed that may have and government regulations or reader is responsible on dose, precautions, and emergency care to the sick and intended as a statement of the to another. Nor is it intended should be made only with is represented in the images. THIS CONTENT HEREBY, THIS EQUAL, CONSEQUENTIAL, CONTENT.</p> <p>NTINUE</p>	
Types of Organisms: Bacteria Structure and Cell Walls	Module 4: Leukotriene Modifiers		
Types of Organisms: Mycobacteria	Module 4: Mast Cell Stabilizers		
Types of Organisms: Viruses	Module 4: Methylxanthines		
Types of Organisms: Fungi	Module 4: Mucolytics		
Types of Organisms: Parasites	Module 4: Sedating Antihistamines		
Types of Organisms: Aerobic and Anaerobic	Module 4: Sympathomimetics		
Types of Antibiotics	Module 5: ACE Inhibitors		
Sensitivity and Resistance	Module 5: Adrenergic Neuron Blockers		
Goal of Drug Therapy for Infections	Module 5: Aldosterone Antagonists		
Antibacterials	Module 5: Alpha1 Adrenergic Blockers		
Antimycobacterials	Module 5: Alpha Beta Blockers		
Antiparasitics	Module 5: ARBs		

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- Print drug information table. Highlight or make notes to your needs to best help you study. I will check your assignment and give papers back to you.



Drug Information Table
ACE Inhibitors – captopril (Capoten)

Therapeutic Use	Administration	
<ul style="list-style-type: none"> • Treatment of <ul style="list-style-type: none"> ◦ Hypertension ◦ Heart failure (HF) ◦ Diabetic nephropathy ◦ Left ventricular dysfunction following myocardial infarction, (ramipril) 	<ul style="list-style-type: none"> • Available for oral use only • Must be taken two to three times daily for hypertension; three times daily for heart failure • Give captopril 1 hr before meals for adequate absorption 	
Side/Adverse Effects	Interventions	Patient Instructions
<ul style="list-style-type: none"> • Severe hypotension following first dose (most likely in patients taking diuretics, with high BP, or who have hyponatremia) 	<ul style="list-style-type: none"> • Start ACE inhibitors with low dose and gradually increase to prevent hypotension • Diuretics may be temporarily stopped before first dose of ACE inhibitor is given • Monitor BP following first dose • Manage severe hypotension by expanding blood volume with IV fluid therapy 	<ul style="list-style-type: none"> • Be aware that this effects may occur • Lie supine if lightheadedness occurs following first dose
<ul style="list-style-type: none"> • Dry, nonproductive cough due to increase in bradykinin 	<ul style="list-style-type: none"> • Monitor for and report dry cough • Discontinue use of ACE inhibitor if dry cough occurs 	<ul style="list-style-type: none"> • Report dry cough to provider
<ul style="list-style-type: none"> • Rash and report of metallic taste in mouth 	<ul style="list-style-type: none"> • Monitor for and report these effects (ACE inhibitor may be discontinued) 	<ul style="list-style-type: none"> • Report rash to provider • Report metallic or decreased ability to taste foods associated with decreased intake and weight loss
<ul style="list-style-type: none"> • Angioedema (swelling of mouth, throat (due to inhibition of kinase II) 	<ul style="list-style-type: none"> • Treat severe angioedema with IV epinephrine • Discontinue use of any ACE inhibitor if angioedema occurs 	<ul style="list-style-type: none"> • Report minor swelling of mouth, throat to provider; call 911 immediately if severe reaction occurs
<ul style="list-style-type: none"> • Hyperkalemia 	<ul style="list-style-type: none"> • Monitor potassium levels in 	<ul style="list-style-type: none"> • Refrain from using potassium