

## Instructions for Medication Work-Up

You are required to work up 30 medications from the LVN-RN Medical Surgical Medication List. Fifteen medications are due at the beginning of class the First Wednesday of Medical-Surgical Content (Week 2). Fifteen medications are due at on the second week of Medical-Surgical Content (Week 3).

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 bar with links for "HOME", "MY ATI", "MY RESULTS", and "HELP". The "MY ATI" link is circled in red. Below the navigation bar, 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 "LEARN" tab is active. Underneath, there is a "Type" dropdown set to "All", 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 button for "MODULES" or "DEMO" with a count, and a status "Accessed: Never". The cards are:

- Tutorial: Achieve (5 Modules)
- Flashcards: Active Stack® Pharmacology Flash Cards (12 Modules)
- Tutorial: ATI Plan - Student Orientation \*NEW\* (1 Module)
- Tutorial: ATI TEAS SmartPrep (4 Demos)
- Tutorial: Dosage Calculation 2.0: Desired Over Have (10 Modules)
- Tutorial: Dosage Calculation 2.0: Dimensional Analysis (10 Modules)
- Tutorial: Dosage Calculation 2.0: Ratio and Proportion (10 Modules)
- Quiz Bank: Learning System RN 2.0 (34 Quizzes)

2. Choose the “Medication” Active Learning Template

The screenshot shows the ATI website interface. At the top left is the ATI logo. To the right are navigation links: [Julie Wolfe's Account](#), [Online Store](#), [Contact Us](#), and [Return t](#). Below these are menu buttons: [HOME](#), [MY ATI](#), [MY RESULTS](#), and [HELP](#). The main navigation bar includes [Study Materials](#) and [Active Learning Templates](#). A dashed line separates the navigation from the content area. The content area is titled **Active Learning Templates** and features a **STUDENT INSTRUCTIONS** button. Below this are seven template cards, each with a title, a description, and a **VIEW** button. The **Medication** template card is circled in red. The other templates are: Basic Concept, Diagnostic Procedure, Growth and Development, Nursing Skill, System Disorder, and Therapeutic Procedure.

Active Learning	Active Learning	Active Learning	Active Learning
Basic Concept	Diagnostic Procedure	Growth and Development	Medication
<a href="#">VIEW</a>	<a href="#">VIEW</a>	<a href="#">VIEW</a>	<a href="#">VIEW</a>

Active Learning	Active Learning	Active Learning
Nursing Skill	System Disorder	Therapeutic Procedure
<a href="#">VIEW</a>	<a href="#">VIEW</a>	<a href="#">VIEW</a>

Instructions for Medication Work-Up

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

 PREVIOUS Page: 1 of 1 CONTINUE DOWNLOAD CLOSE

Enter Search Here SEARCH - + ⌵ Automatic Zoom

**ACTIVE LEARNING TEMPLATE: *Medication***

STUDENT NAME \_\_\_\_\_  
MEDICATION \_\_\_\_\_ REVIEW MODULE CHAPTER \_\_\_\_\_  
CATEGORY CLASS \_\_\_\_\_

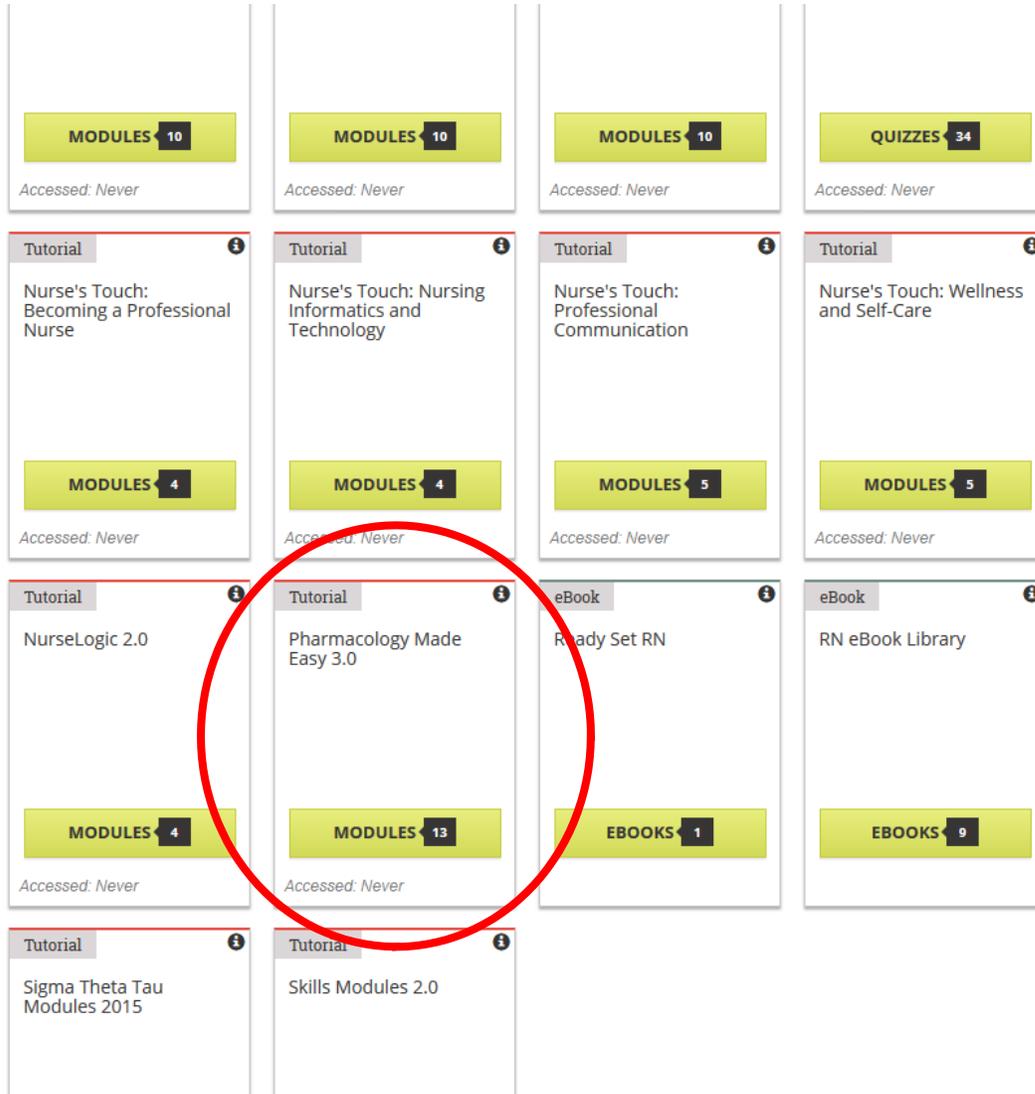
**PURPOSE OF MEDICATION**

Expected Pharmacological Action	Therapeutic Use
Complications	Medication Administration
Contraindications/Precautions	Nursing Interventions

# Instructions for Medication Work-Up

## Method 2: Printing Drug Information Tables

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



## Instructions for Medication Work-Up

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

The screenshot displays a user interface for a course titled "Pharmacology Made Easy 3.0 (13)". The course is organized into several modules, each with a "BEGIN LESSON" button and a "BEGIN TEST" button. The "BEGIN LESSON" button for the "Infection" module is highlighted with a red circle. The interface also includes a sidebar with "MODULES 4" and "DEMO 14", and a top navigation bar with "Accessed: Never" for various sections.

**Pharmacology Made Easy 3.0 (13)** CLOSE

View: All ▼ Sort: Name ▼

Hide disabled modules (0 hidden)

**Infection**

**BEGIN LESSON** **BEGIN TEST**

Accessed: Never

**Introduction to Pharmacology**

**BEGIN LESSON** **BEGIN TEST**

Accessed: Never

**Pain and Inflammation**

**BEGIN LESSON** **BEGIN TEST**

Accessed: Never

**The Cardiovascular System**

# Instructions for Medication Work-Up

## 3. Click on "Tools" and select "Resources"

 Tutorial: Pharmacology Made Easy 3.0  
Module: Infection ✕ CLOSE

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**TABLE OF CONTENTS** [Expand All](#) Time Spent: 00:00:00 **TOOLS** +

**MENU**

**Module: Infection**

**Copyright**

- Introduction
- Types of Organisms: Bacteria Shapes and Cell Walls
- Types of Organisms: Mycobacterium
- Types of Organisms: Viruses
- Types of Organisms: Fungi
- Types of Organisms: Parasites
- Types of Organisms: Aerobic and Anaerobic
- Types of Antibiotics
- Sensitivity and Resistance
- Goal of Drug Therapy for Infections
- Antibacterials +
- Antimycobacterials +
- Antiparasitics -

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**CONTINUE** →

# Instructions for Medication Work-Up

## 4. Choose desired medication class.

The screenshot shows the ATI interface for the tutorial "Pharmacology Made Easy 3.0" with the module "Infection". The main content area is titled "Resources" and lists various medication classes. The class "Module 5: ACE Inhibitors" is circled in red. On the left, a "TABLE OF CONTENTS" sidebar is visible. On the right, there are "TOOLS" including a "Calculator" and a "Critical Thinking Guide". A "CONTINUE" button is located at the bottom right of the resources list.

**ati** Tutorial: Pharmacology Made Easy 3.0  
Module: Infection

**Resources** [CLOSE]

Time: 00:00:47 [CLOSE] TOOLS [MINUS]

- Calculator
- Critical Thinking Guide

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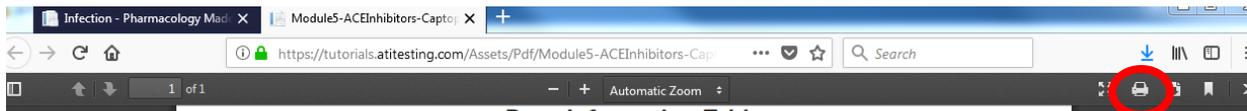
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**CONTINUE** [ARROW]

TABLE OF CONTENTS	Resources
Introduction	Module 4: Expectorants
▶ Copyright	Module 4: Glucocorticoids
Introduction	Module 4: Inhaled Anticholinergics
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	<b>Module 5: ACE Inhibitors</b>
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

Instructions for Medication Work-Up

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