

## Applied Drug Therapy Homework #4

A 54 year old patient presents to you for medical care (the patient's insurance changed, and he/she had to switch doctors). This patient is similar to any one of dozens of your patients in that he/she has a few medical conditions (some minor, some not so minor), some medical complaints (some minor, some not so minor), and has no known drug allergies. In the course of your physical exam, you determine that this patient is mildly hypertensive, and the diagnosis of Stage I hypertension is confirmed at a follow-up visit at a later date.

At some point in time, you determine that your patient is a candidate for an antihypertensive medication.

For each of the following medical conditions which your patient could conceivably have, indicate whether the antihypertensive medication listed to the right of the medical condition has favorable or unfavorable effects on that particular co-morbidity.

***HINT: The JNC VII would be extremely helpful in filling out this chart!***

Co-Morbidity	Drug	Favorable	Unfavorable
<i>Example: MI</i>	<i>Metoprolol</i>		
Angina	Nifedipine		
Osteoporosis	HCTZ		
Pregnancy	Lisinopril		
Dyslipidemia	Terazosin		
Diabetes Mellitus	Enalapril		
Renal Failure	Triamterene-HCTZ		
Benign Prostatic Hypertrophy	Doxazosin		
Migraine	Verapamil		
Depression	Clonidine		
Hyperthyroidism	Propranolol		
Pregnancy	Methyldopa		
Gout	HCTZ		

Each correct answer is worth 2 points. If you get 8 of the 12 correct, you get the 25<sup>th</sup> point as a bonus.