

# **AUTONOMIC DRUGS**

## **CHOLINERGIC DRUGS**

### **Muscarinic Agonists**

pilocarpine  
bethanecol  
carbachol

### **Muscarinic Antagonists**

atropine  
scopolamine  
ipratropium

### **Anticholinesterases**

physostigmine  
neostigmine  
pyridostigmine  
edrophonium  
isoflurophate (DFP)  
antidote: pralidoxime (2-PAM)

### **Neuromuscular Blocking Agents**

#### **Competitive Blockers**

tubocurarine  
pancuronium  
vecuronium

#### **Depolarizing Agents**

succinylcholine

(dantrolene)

## **ADRENERGIC DRUGS**

### **Alpha Adrenergic Agonists**

norepinephrine  
phenylephrine  
methoxamine  
metaraminol  
tetrahydrozoline  
clonidine

### **Alpha Adrenergic Antagonists**

phentolamine  
tolazoline  
phenoxybenzamine  
prazosin

### **Beta Adrenergic Agonists**

isoproterenol  
dobutamine  
terbutaline  
albuterol  
metaoproterenol

### **Beta Adrenergic Antagonists**

propranolol  
metoprolol  
nadolol  
timolol

### **Alpha and Beta Antagonists (primarily beta)**

carvedilol  
labeletol

### **Alpha and Beta Adrenergic Agonists**

epinephrine  
ephedrine  
dopamine  
amphetamine

### **Agents Affecting Adrenergic Neurotransmitter Metabolism**

cocaine  
tyramine  
reserpine  
 $\alpha$ -methyldopa  
guanethidine

# CARDIOVASCULAR DRUGS

## Diuretics

### **Osmotic**

mannitol

### **Carbonic Anhydrase Inhibitors**

acetazolamide

### **Thiazides**

hydrochlorothiazide

### **Loop Diuretics**

furosemide

ethacrynic acid

torsemide

### **K<sup>+</sup> Sparing**

triamterine

spironolactone

amiloride

### **Anti-diuretic**

desmopressin

## Calcium Channel Blockers

verapamil

diltiazem

nifedipine

amlodipine

## ACE Inhibitors

captopril

enalapril (prodrug)

enalaprilat (active form)

lisinopril

benazepril

(losartan - receptor antagonist)

## Drugs for Congestive Heart Failure

### Cardiac Glycosides

digoxin

digitoxin

### Other Cardiotonic Agents

#### **Direct**

dobutamine

#### **PDE inhibitors**

amrinone

milrinone

### Beta Blockers

propranolol

sotalol

carvedilol (also alpha)

### ACE Inhibitors

see above

### Other CHF Drugs

neseritide

## Antiarrhythmic Drugs

### Class I (Na<sup>+</sup> Channel Blockers)

quinidine

procainamide

lidocaine

phenytoin

### Class II (Beta Blockers)

propranolol

sotalol

esmolol

acebutolol

### Class III (AP Prolongation)

bretyllium

amiodarone

### Class IV (Calcium Channel Blockers)

verapamil

### Other Agents

digoxin

adenosine

## Antianginal Drugs

### NO Precursors

nitroglycerine

isosorbide dinitrate

### Beta Blockers

propranolol

### Calcium Channel Blockers

nifedipine

## Anti-hypertensive Drugs

### Diuretics

hydrochlorothiazide

furosemide

ethacrynic acid

torsemide

triamterine

spironolactone

amiloride

### **Vasodilators**

hydralazine  
minoxidil  
nitroprusside

### **Adrenergic Receptor Blockade**

carvedilol  
propranolol  
prazosin  
metoprolol  
pindolol  
timolol

### **Neuronal Blockade**

guanethidine

### **Neurotransmitter Depletion**

reserpine

### **Central Nervous System**

clonidine  
 $\alpha$ -methyldopa  
reserpine

### **Calcium Channel Blockers**

nifedipine

### **ACE Inhibitors**

captopril  
enalapril (pro drug)  
enalaprilat (active form)  
lisinopril  
benazepril

### **Angiotensin II Receptor Antagonists**

losartan

### **Antithrombotic Agents**

#### **Anticoagulants**

heparin  
warfarin  
vitamin K  
(aminocaproic acid)

#### **Anti-platelet Drugs**

aspirin  
dipyridamole

clopidogrel  
ticlopidine

eptifibatide  
abciximab  
tirofiban

### **Thrombolytic Agents**

streptokinase  
urokinase  
pro-urokinase  
tissue plasminogen activator (t-PA)

### **Antiatherosclerotic Agents**

#### **“Statin” drugs**

atorvastatin  
simvastatin  
lovastatin  
pravastatin

#### **Fibric Acid derivatives**

gemfibrozil  
fenofibrate  
clofibrate

#### **Bile Acid Sequestrants**

cholestyramine  
colestipol

#### **Others**

niacin  
ezetimibe

### **Antianemia Drugs**

ferrous sulfate  
deferoxamine  
cyanocobalamin, hydroxycobalamin (vitamin B<sub>12</sub>)  
folic acid  
hydroxyurea

erythropoietin  
granulocyte colony-stimulating factor (G-CSF)  
granulocyte colony/macrophage-stimulating  
factor (GM-CSF)