



Information Regarding the New York State Medicaid Program

## EPIC Benefits to be Restored

The Department of Health has announced that, effective January 1, 2013, EPIC will once again provide secondary coverage for Medicare Part D covered drugs. The Elderly Pharmaceutical Insurance Program (EPIC) is available to New York State residents 65 years and older with low incomes. In 2012, the program stopped offering secondary coverage for Part D, and many seniors were faced with large increases in their pharmacy co-payments. For 2013, EPIC rules include:

- EPIC members must be enrolled in a Medicare Part D plan.
- EPIC will reinstate its Fee and Deductible plans.
- EPIC will provide secondary coverage for EPIC and Medicare Part D covered drugs after any Part D and/or EPIC deductible is met.
- EPIC co-payments for covered drugs will continue to be \$3 to \$20, depending on the cost of the drug.
- EPIC will continue to cover many Medicare Part D excluded drugs, such as prescription vitamins and prescription cough and cold preparations.
- EPIC will continue to pay Medicare Part D premiums, up to the amount of a basic plan, for members in the Fee and Deductible plans with income up to \$23,000 (single) or \$29,000 (married).
- Epic will also lower the EPIC deductible, by the annual cost of a basic Medicare Part D drug plan, for members with higher incomes that are responsible for paying their own Medicare Part D premium.

## Regulatory Issues Affecting Pharmacy in New York State

### I-STOP Bill Passes New York Legislature Unanimously

On June 11, 2012, both houses of the New York State legislature unanimously passed the Internet System for Tracking Over-Prescribing Act, also known as I-STOP. The legislation, a program bill initiated jointly by Attorney General Eric Schneiderman and Governor Andrew Cuomo, seeks to address the growing problem of prescription drug abuse. The main provision of I-STOP is the establishment of an online database of controlled substance prescriptions prescribed and dispensed in New York State, with mandatory real-time reporting by both prescribers and pharmacists. Additional provisions include the rescheduling of several prescription drugs, and the development of a program allowing for safe disposal of expired or unneeded controlled drugs by consumers. The governor is expected to sign the bill into law soon.

#### Key Components of I-STOP

- I-STOP will make New York the first state in the nation to mandate that physicians consult a database of a patient's prescription history before prescribing a schedule II, III, or IV controlled substance. Accurate patient histories and better training will help physicians detect doctor shoppers and better serve patients at risk of addiction. Doctors can also use this information to avoid potentially dangerous drug interactions.
- I-STOP will make New York the largest, and only second state in the nation, to require real-time reporting by pharmacists when schedule II, III, IV, or V prescriptions are filled.
- I-STOP will make New York one of the first states to schedule the universal mandate of e-prescribing for controlled substances in December of 2014. The regulations will be promulgated by December, 2012. This will nearly eliminate the problem of forged or stolen prescriptions—used by both addicts, and criminal organizations obtaining pills to resell on the street.
- I-STOP will reschedule HYDROCODONE to schedule II, thereby prohibiting refills for this highly abused drug.
- I-STOP will schedule TRAMADOL, a “drug of concern,” to schedule IV (it is currently unscheduled).
- I-STOP will establish a safe disposal program providing a place for New Yorkers to get rid of expired and unneeded drugs to ensure that they are not left in medicine cabinets for children or addicts to access.

Some prescribers have expressed concern over the feasibility of the proposed reporting system, based on their experience with the current prescription monitoring program (PMP), which is known to be hard to access, time consuming, and which is not accessible by pharmacists. The following table outlines the differences between the old system and I-STOP.

SYSTEM	Practitioner Reviewing	Practitioner Reporting	Pharmacist Reviewing	Pharmacist Reporting
Current PMP	Optional; Access to information restricted	None	None	Mandatory reporting of controlled substances at least once every 45 days
I-STOP	Mandated review of patient history before prescribing	Report issuing prescription at time of issuance	Access to system and reviewing is mandated	Mandatory reporting of controlled substances as they are dispensed

# ALZHEIMER'S DISEASE REVIEW

**The Statistics Are Alarming.** Currently, one in eight people age 65 or older has Alzheimer's disease, and almost half of people age 85 and older suffer from the condition. As the United States population continues to age, the problem is expected to worsen, with projections of a doubling or tripling of the number of Alzheimer's patients by 2050. Already the sixth leading cause of death in the U.S., Alzheimer's disease will continue to be a major focus of research and development in the pharmaceutical industry for the foreseeable future, and pharmacists can expect to find themselves on the front lines of the battle against this disease.

## Alzheimer's: Definition

Alzheimer's Disease, named for the German physician who first described it in 1906, is the leading cause of dementia in the U.S., accounting for between 60 and 80 percent of cases. A progressive, degenerative disease, Alzheimer's attacks brain cells, leading to loss of memory, loss of cognitive and language abilities, and behavioral changes. Most cases occur in people aged 65 and older, and 2/3 of patients are women, probably due to longer life expectancy. The two characteristics brain lesions of Alzheimer's are beta-amyloid plaques and neurofibrillary tangles of tau protein. While age is the greatest risk factor for developing Alzheimer's, several genetic factors have also been identified.

## Alzheimer's: Symptoms

The Alzheimer's Association has identified the following 10 early warning signs of Alzheimer's disease:

- Memory loss that disrupts daily life
- Challenges in planning or solving problems
- Difficulty in completing familiar tasks
- Confusion with time or place
- Trouble understanding visual images and spatial relationships
- New problems with words in speaking or writing
- Misplacing things and inability to retrace steps
- Decreased or poor judgment
- Withdrawal from work or social activities
- Changes in mood and personality

## Alzheimer's: Diagnosis

While there is yet no definitive test for Alzheimer's disease, new guidelines point to a more accurate method to detect the disease at a very early stage. Currently, the diagnosis is based primarily on a physician's clinical judgment, utilizing patient history, cognitive and neurological testing, and brain imaging to rule out other possible causes of dementia. Under new guidelines recommended by the National Institute on Aging, physicians may one day be able to identify preclinical Alzheimer's disease in asymptomatic patients through blood and cerebrospinal fluid tests. Such test would look for biomarkers of the disease, such as beta-amyloid or tau protein accumulation and/or evidence that brain cells are actually injured or degenerating.

## FDA-Approved Pharmacotherapy For Alzheimer's Disease

Brand Name (active ingredient)	Dosage Forms and Strengths	Generic Available?	Initial Dose and Maximum Dose	Mechanism of Action	FDA Approval by Alzheimer's Stage
<b>Aricept</b> (donepezil)	<b>Tablet</b> (5, 10, 23 mg) <b>ODT</b> (5, 10 mg)	Yes (except 23 mg)	Initial dose 5mg QD. May increase to 10 mg QD after 4 to 6 weeks and to 23 mg QD after ≥ 3 months.	Reversibly inhibits centrally-active acetylcholinesterase.	Approved for <b>Mild, Moderate, and Severe</b> Alzheimer's Disease
<b>Exelon</b> (rivastigmine)	<b>Capsule</b> (1.5, 3, 4.5, 6 mg) <b>Solution</b> (2 mg/mL) <b>Patch</b> (4.6 mg/24 hours, 9.5 mg/24 hours)	Yes (capsules only)	Initial dose 1.5 mg BID. May increase every 2 weeks to maximum of 6 mg BID. Patch initial dose 4.6 mg QD. May increase to 9.5 mg QD after ≥ 4 weeks.	Reversibly inhibits centrally-active acetylcholinesterase	Approved for <b>Mild to Moderate</b> Alzheimer's Disease
<b>Namenda</b> (memantine)	<b>Tablet</b> (5, 10 mg) <b>Solution</b> (2 mg/mL)	No	Initial dose 5 mg QD. Titrate by 5 mg daily at ≥ 1 week intervals to target dose of 10 mg BID (all doses above 5 mg should be given in 2 divided doses).	N-methyl-D-aspartate receptor antagonist	Approved for <b>Moderate to Severe</b> Alzheimer's Disease
<b>Razadyne</b> (galantamine)	<b>Tablet</b> (4, 8, 12 mg) <b>Capsule ER</b> (8, 16, 24 mg) <b>Solution</b> (4 mg/mL)	Yes (except solution)	Initial dose 4 mg BID or 8 mg ER QD. May increase at ≥ 4 week intervals to a maximum daily dose of 24 mg.	Reversibly inhibits centrally-active acetylcholinesterase and stimulates nicotinic receptors	Approved for <b>Mild to Moderate</b> Alzheimer's Disease



P.R.N. (ISSN # 1941-9481)

is published bi-monthly by:

PRN Publishing LLC

68-37 Yellowstone Boulevard  
Suite C-22

Forest Hills, New York 11375

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**We have recently received several prescriptions for low dose erythromycin for adults, usually in liquid form. Upon checking with the physician, we were informed the patient was being treated for gastroparesis. What is the rationale for this off-label use?**

Gastroparesis is a disorder of the stomach in which the normal motility which serves to propel food into the small intestine is either greatly reduced or absent altogether. This results in bloating, nausea, epigastric pain, reflux, and early fullness when eating. One of the most common causes of gastroparesis is diabetes, affecting between 25 and 30 percent of patients. Erythromycin, a macrolide antibiotic approved for use in a wide range of infections, has been used with some success in the treatment of gastroparesis. It is believed to work by binding to motilin receptors in the stomach and small intestine, resulting in peristalsis and

improved emptying of the stomach. Erythromycin is most effective for gastroparesis when given intravenously, but this route is usually reserved for severe cases. The oral dose most commonly used is 125 to 250 mg given 3 to 4 times a day, 30 minutes before meals. Several studies have indicated that the liquid form is more effective than tablets, due to faster absorption and earlier maximum serum concentration (tmax). Since erythromycin is known to interact with many drugs, some clinicians have tried azithromycin as an alternative, although there is not nearly as much published evidence for its effectiveness. There is currently a Phase 2 clinical trial underway at the University of Florida to compare the two drugs head-to-head for their efficacy in treating gastroparesis.

### GOT QUESTIONS? WE HAVE ANSWERS!

Send your questions to us at:

[askprn@prnnewsletter.com](mailto:askprn@prnnewsletter.com)

*PRN welcomes your questions on any topics relating to the practice of pharmacy. All answers are researched by our staff and, when necessary, discussed with the appropriate regulatory agencies. The information provided is not intended as legal advice, nor is it a substitute for professional judgment in clinical practice.*

## DID YOU KNOW?

**DID YOU KNOW** that a number of well-know brand-name prescription drugs actually started out with different names than the ones they are known by today? To avoid confusion with sound-alike drugs, the FDA occasionally steps in and requests a name change for the newer agent. Some example include **Prilosec**, which started life as Losec, but was altered to avoid confusion with Lasix, **Lovaza**, which used to be known as Omacor (too close to Amicar), **Razadyne**, formerly answering to Reminyl, which sounded a bit too much like Amaryl, and **Altoprev**, which was originally called Altocor until it was changed to avoid being confused with Advicor.

## PHARMACY FUN

The months of July and August and named after consecutive leaders of the Roman Empire, Julius Caesar and Augustus, and though by most accounts Augustus was the better ruler (Pax Romana, etc.), it is Caesar who is best remembered today. The same is often true for pharmaceuticals; we remember the first new drug in any category better than the second, even though the second may work better or have fewer side effects. For each innovator drug listed below, can you name the second drug to hit the market in the same class? The first reader to submit the correct answers to [puzzle@prnnewsletter.com](mailto:puzzle@prnnewsletter.com) will receive a custom-printed PRN binder.

- |            |             |             |
|------------|-------------|-------------|
| 1. Cozaar  | 4. Prilosec | 7. Retrovir |
| 2. Inderal | 5. Proscar  | 8. Tagamet  |
| 3. Mevacor | 6. Prozac   | 9. Viagra   |

Answers to last month's **PHARMACY FUN**:

1. Xifaxan 2. Canasa 3. Dipentum

### References:

1. Wittich CM, Burkic CM, Lanier WL. Ten common questions (and their answers) about off-label drug use. *Mayo Clinic Proceedings* Volume 87, Number 8 (published online August 8, 2012 at [www.mayoclinicproceedings.com](http://www.mayoclinicproceedings.com)).