# Rural Health Center - SWOSU College of Pharmacy logo with windmill and line for wind

# RURAL ROCKS

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[ CDC: Valley Fever Awareness](#_Toc462233252)

[ FDA Declares ‘General Wellness’ Devices Exempt From Regulations](#_Toc462233253)

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[ Video: How Pharmacists Can Help Prevent OIC](#_Toc462233257)

[ Video: Steps Pharmacists Should Take to Reduce OIC](#_Toc462233258)

[ NAN Alert – Observe for possible fluid leakage when preparing parenteral syringes](#_Toc462233259)

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# RECALLS

## Recalled due to *Burkholderia cepacia* contamination

<http://www.fda.gov/Safety/MedWatch/SafetyInformation/SafetyAlertsforHumanMedicalProducts/ucm511528.htm>

Zecuity (sumatriptan) Migraine Patch - Temporarily removed from market due to risk of burns and scars

<http://www.fda.gov/Safety/MedWatch/SafetyInformation/SafetyAlertsforHumanMedicalProducts/ucm504736.htm>

# SHORTAGES

## FDA Drug Shortages

### http://www.fda.gov/downloads/Drugs/DrugSafety/DrugShortages/UCM163172.xml

The drug shortage program, within the Center for Drug Evaluation and Research (CDER), addresses potential or actual shortages of prescription, over-the-counter, or generic drugs that have a significant impact on public health.

Ammonium Chloride Injection (Updated - Currently in Shortage) Monday, September 19, 2016 1:00 PM

Atropine Sulfate Injection (Updated - Currently in Shortage) Monday, September 19, 2016 1:00 PM

Calcium Chloride Injection, USP (Updated - Currently in Shortage) Monday, September 19, 2016 1:00 PM

Calcium Gluconate Injection (Updated - Currently in Shortage) Monday, September 19, 2016 1:00 PM

Cefepime Injection (Updated - Currently in Shortage) Monday, September 19, 2016 1:00 PM

Dextrose Injection USP, 70% (Updated - Currently in Shortage) Monday, September 19, 2016 1:00 PM

Epinephrine Injection (Updated - Currently in Shortage) Monday, September 19, 2016 1:00 PM

Fentanyl Citrate (Sublimaze) Injection (Updated - Currently in Shortage) Monday, September 19, 2016 1:00 PM

Imipenem and Cilastatin for Injection, USP (Updated - Currently in Shortage) Monday, September 19, 2016 1:00 PM

Lidocaine Hydrochloride (Xylocaine) Injection (Updated - Currently in Shortage) Monday, September 19, 2016 1:00 PM

LifeCare PCA™ Sterile Empty Vial and Injector (Updated - Currently in Shortage) Monday, September 19, 2016 1:00 PM

Morphine Sulfate Injection, USP, CII, (Preservative-Free)(For PCA Use Only) (Updated - Currently in Shortage) Monday, September 19, 2016 1:00 PM

Multi-Vitamin Infusion (Adult and Pediatric) (Updated - Currently in Shortage) Monday, September 19, 2016 1:00 PM

Piperacillin and Tazobactam (Zosyn) Injection (Updated - Currently in Shortage) Monday, September 19, 2016 1:00 PM

Potassium Chloride Injection (Updated - Currently in Shortage) Monday, September 19, 2016 1:00 PM

Sodium Acetate Injection, USP (Updated - Currently in Shortage) Monday, September 19, 2016 1:00 PM

Sodium Bicarbonate Injection, USP (Updated - Currently in Shortage) Monday, September 19, 2016 1:00 PM

Sodium Chloride 0.9% Injection Bags (Updated - Currently in Shortage) Monday, September 19, 2016 1:00 PM

Sodium Chloride 23.4% Injection (Updated - Currently in Shortage) Monday, September 19, 2016 1:00 PM

Sufentanil Citrate (Sufenta) Injection (Updated - Currently in Shortage) Monday, September 19, 2016 1:00 PM

Tobramycin Injection (Updated - Currently in Shortage) Monday, September 19, 2016 1:00 PM

Vancomycin Hydrochloride for Injection, USP (Updated - Currently in Shortage) Monday, September 19, 2016 1:00 PM

Etoposide Phosphate (Etopophos) Injection (New - Currently in Shortage) Friday, September 16, 2016 1:00 PM

Water-Miscible Vitamin A Palmitate (Aquasol A Parenteral) (New - Currently in Shortage) Friday, September 16, 2016 1:00 PM

Scopolamine (Transderm Scop) Transdermal System Patch (New - Currently in Shortage) Thursday, September 15, 2016 1:25 PM

Penicillin G Procaine Injection (Updated - Currently in Shortage) Friday, September 09, 2016 1:22 PM

Dexamethasone Sodium Phosphate Injection (Updated - Currently in Shortage) Thursday, September 08, 2016 1:15 PM

Leucovorin Calcium Lyophilized Powder for Injection (Updated - Currently in Shortage) Thursday, September 08, 2016 1:15 PM

Lidocaine Hydrochloride (Xylocaine) Injection (Updated - Currently in Shortage) Thursday, September 08, 2016 1:15 PM

Piperacillin and Tazobactam (Zosyn) Injection (Updated - Currently in Shortage) Thursday, September 08, 2016 1:15 PM

Potassium Chloride Injection (Updated - Currently in Shortage) Thursday, September 08, 2016 1:15 PM

Sodium Acetate Injection, USP (Updated - Currently in Shortage) Thursday, September 08, 2016 1:15 PM

Vancomycin Hydrochloride for Injection, USP (Updated - Currently in Shortage) Thursday, September 08, 2016 1:15 PM

Reserpine Tablets (Updated - Discontinuation) Tuesday, August 30, 2016 1:00 PM

Triamcinolone Hexacetonide Injectable Suspension (Aristospan) (Updated - Discontinuation) Tuesday, August 30, 2016 1:00 PM

Bleomycin Sulfate for Injection (Updated - Currently in Shortage) Monday, August 29, 2016 1:12 PM

Cefepime Injection (Updated - Currently in Shortage) Monday, August 29, 2016 1:12 PM

Leucovorin Calcium Lyophilized Powder for Injection (Updated - Currently in Shortage) Monday, August 29, 2016 1:12 PM

Piperacillin and Tazobactam (Zosyn) Injection (Updated - Currently in Shortage) Thursday, August 25, 2016 1:00 PM

Penicillin G Benzathine (Bicillin L-A) Injection (Updated - Currently in Shortage) Wednesday, August 24, 2016 1:30 PM

Penicillin G Procaine Injection (New - Currently in Shortage) Wednesday, August 24, 2016 1:30 PM

# DRUG

## First-time generic for Ziana

<https://online.epocrates.com/u/10a4565/clindamycin-tretinoin+topical>

## New extended-release combo for type 2 diabetes

<https://online.epocrates.com/u/10a7548/Jentadueto+XR>

## Epclusa Approved for All Major HCV Genotypes

<https://online.epocrates.com/u/10a7547/Epclusa>

## Expanded GERD indication in pediatric patients ages 12 years and older

<https://online.epocrates.com/u/10a4917/Dexilant>

<https://online.epocrates.com/u/10a7510/Dexilant+SoluTab>

## New indication for uveitis

<https://online.epocrates.com/u/10a3301/Humira>

FDA Drug Safety Communication: FDA warns about serious risks and death when combining opioid pain or cough medicines with benzodiazepines; requires its strongest warning

<http://www.fda.gov/Drugs/DrugSafety/ucm518473.htm>

## Medications Requiring Renal Dosage Adjustments

<http://www.pharmacytimes.com/contributor/shivam-patel-pharmd-candidate/2016/08/medications-requiring-renal-dosage-adjustments?utm_source=Informz&utm_medium=Pharmacy+Times&utm_campaign=PT%5FeNews%5FDaily%5FUnsponsored%5F8%2D19%2D16>

## 220% increase in adverse reactions to zolpidem

<http://www.univadis.com/viewarticle/220-increase-in-adverse-reactions-to-zolpidem-441328?u=g7Nnk16ewgsJtuO1j0racp26fBgCcTuESKBOzIzYvrA95%2B5oYhgq6CU3D2hdiuQc&utm_source=newsletter%20email&utm_medium=email&utm_campaign=ct-newsletter_wf-automated_fq-daily_cp-medicalupdates&utm_content=1043558&utm_term=automated_daily>

## Could memory loss be reversed with a common painkiller?

* <http://www.medicalnewstoday.com/articles/312262.php>

DSN, Becton Dickinson team up to help educate community pharmacies about injectable diabetes treatments

* <http://www.drugstorenews.com/article/dsn-becton-dickinson-team-help-educate-community-pharmacies-about-injectable-diabetes-treatm?tp=i-H55-Q5U-1ez-24sAx-1v-wGU-1c-Nua-24s54-230zQ&utm_campaign=Daily&utm_source=Experian&utm_medium=email&cid=6385&mid=30714239>

## Codeine not safe for kids, AAP warns

* <http://www.managedhealthcareconnect.com/content/codeine-not-safe-kids-aap-warns>

## Levothyroxine for Hypothyroidism: Can Bedtime Administration Be a Viable Option?

* <http://www.consultant360.com/articles/levothyroxine-hypothyroidism-can-bedtime-administration-be-viable-option>

## Dexamethasone-based Mouthwash for Stomatitis Prevention

* <http://www.cancertherapyadvisor.com/breast-cancer/breast-cancer-dexamethasone-mouthwash-prevents-stomatitis/article/522473/?DCMP=EMC-CTA_Front&cpn=&hmSubId=&NID=&spMailingID=15437943&spUserID=NDgyNTEwMTE5NjYS1&spJobID=861227646&spReportId=ODYxMjI3NjQ2S0>

## Notice of NDC Change from Arbor Pharmaceuticals, LLC

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **Product  Description** | **Strength** | **Size** | **Form** | **Old NDC (Continue to  order until your  DC is depleted  of stock)\*** | **NEW NDC (Only Available  when the Old NDC is depleted  at the DC)\*** | | **EVEKEO®** **CII** **(amphetamine sulfate)** **Tablets  5mg** | **5mg** | **100 count bottles** | **Tablets** | **24338-0020-10** | **24338-0022-10** | | **EVEKEO® CII**  **(amphetamine sulfate) Tablets  10mg** | **10mg** | **100 count bottles** | **Tablets** | **24338-0021-10** | **24338-0026-10** |   \*IMPORTANT ORDERING INFORMATION: There may still be available stock of the Old NDC at your distribution center, even though, it may indicate the Old NDC is "Discontinued by the Manufacturer". "Discontinued by Manufacturer" does not necessarily mean the product is not available to order at your distribution center.  In addition, you may see that the New NDC has "0 Available". This means there is still stock available of the Old NDC at your distribution center to order for your patients.  **There is no change in pricing with this action**  PP-EVE-US-0327 |

# HOSPITAL

## 5 Tips to Improve Your HCAHPS Scores

<http://healthitanalytics.com/resources/white-papers/5-tips-to-improve-your-hcahps-scores?elqTrackId=f2c6634e9c8a411792b599122e89f010&elq=481ccd6ac5624ac0ac538e4049a1ba85&elqaid=809&elqat=1&elqCampaignId=710>

# FDA

## Warnings updated due to disabling side effects

<http://www.fda.gov/Safety/MedWatch/SafetyInformation/SafetyAlertsforHumanMedicalProducts/ucm513065.htm>

## WEN by Chaz Dean Cleansing Conditioners - under investigation for adverse reactions

<http://www.fda.gov/Safety/MedWatch/SafetyInformation/SafetyAlertsforHumanMedicalProducts/ucm511890.htm>

## Strengthened kidney warnings

<http://www.fda.gov/Safety/MedWatch/SafetyInformation/SafetyAlertsforHumanMedicalProducts/ucm506554.htm>

## FDA Drug Approvals and Changes: August Edition

<http://reference.medscape.com/features/slideshow/drug-review/2016/august?src=wnl_drugupdt_160822_mscpref&uac=4045DY&impID=1181825&faf=1>

## FDA permits marketing of balloon device to treat persistent Eustachian tube dysfunction

<http://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/UCM521063?source=govdelivery&utm_medium=email&utm_source=govdelivery>

# IMMUNIZATIONS

## Expanded immunization indication in adults 18-49 years

<https://online.epocrates.com/u/10a5672/Prevnar+13>

Chickenpox Vaccine: Your Best Protection

<http://www.cdc.gov/features/preventchickenpox/index.html>

What are the Reasons to Vaccinate My Baby?

* <http://www.cdc.gov/features/reasonstovaccinate/index.html>

National, Regional, State, and Selected Local Area Vaccination Coverage among Adolescents Aged 13–17 Years — United States, 2015

* <http://www.cdc.gov/mmwr/volumes/65/wr/mm6533a4.htm>

## CDC Vaccine Price List

* <http://www.cdc.gov/vaccines/programs/vfc/awardees/vaccine-management/price-list/index.html>

## CDC Provides Vaccine Recommendations for the 2016-2017 Influenza Season

* http://www.medscape.com/viewarticle/868665?src=wnl\_specrep\_160918\_mscpedit&uac=4045DY&impID=1198490&faf=1

## CDC: New Vaccine Labels

<https://content.govdelivery.com/accounts/USCDC/bulletins/15eb28b>

# INSURANCE

## 4 Ways Pharmacists Can Be Superheroes for Medicare Patients

* <http://www.pharmacytimes.com/news/4-ways-pharmacists-can-be-superheroes-for-medicare-patients?utm_source=Informz&utm_medium=Pharmacy+Times&utm_campaign=PT%5FeNews%5FDaily%5FUnsponsored%5F8%2D19%2D16>

# NEWS

CDC: Updated guidance for care of infants born to mothers with possible Zika infection during pregnancy (08/19/16)

<http://echo4.bluehornet.com/hostedemail/email.htm?CID=35959271192&ch=28C78D77543DA38E236504C34EB2ED35&h=b18a40afb5a0becc04904f3238b98be7&ei=T1dSfZYNO&schema=echo4>

## CDC: Valley Fever Awareness

<http://www.cdc.gov/features/valleyfever/index.html>

## FDA Declares ‘General Wellness’ Devices Exempt From Regulations

* <http://www.raps.org/Regulatory-Focus/News/2016/07/28/25463/FDA-Says-%E2%80%98General-Wellness%E2%80%99-Devices-Exempt-From-Regulations/>

## DEA Announces Intent to Schedule Kratom - For immediate release

Contact DEA Public Affairs (202) 307-7977

Washington, DC – The Drug Enforcement Administration (DEA) today announced its intention to place the active materials in the kratom plant into Schedule I of the Controlled Substances Act in order to avoid an imminent hazard to public safety. Mitragynine and 7-hydroxymitragynine are found in kratom, which is a tropical tree indigenous to Thailand, Malaysia, Myanmar, and other areas of Southeast Asia.  The announcement was made in the U.S. Federal Register and can be found [here](http://links.govdelivery.com:80/track?type=click&enid=ZWFzPTEmbWFpbGluZ2lkPTIwMTYwODMwLjYzMTQxMzYxJm1lc3NhZ2VpZD1NREItUFJELUJVTC0yMDE2MDgzMC42MzE0MTM2MSZkYXRhYmFzZWlkPTEwMDEmc2VyaWFsPTE3MDk3ODY1JmVtYWlsaWQ9cmFuZHkuY3VycnlAc3dvc3UuZWR1JnVzZXJpZD1yYW5keS5jdXJyeUBzd29zdS5lZHUmZmw9JmV4dHJhPU11bHRpdmFyaWF0ZUlkPSYmJg==&&&100&&&http://go.usa.gov/xWKXe).

Kratom is abused for its ability to produce opioid-like effects and is often marketed as a legal alternative to controlled substances. Law enforcement nationwide has seized more kratom in the first half of 2016 than any previous year and easily accounts for millions of dosages intended for the recreational market, according to DEA findings.  In addition, kratom has a high potential for abuse, has no currently accepted medical use in treatment in the United States, and has a lack of accepted safety for use under medical supervision. These three factors constitute a Schedule I controlled substance according to the Controlled Substances Act passed by Congress in 1970.

 Kratom has been seized by law enforcement in various forms, including powder, plant, capsules, tablets, liquids, gum/resin, and drug patch. Because the identity, purity levels, and quantity of these substances are uncertain and inconsistent, they pose significant adverse health risks to users.

From February 2014 to July 2016, over 55,000 kilograms of kratom material were encountered by law enforcement at various ports of entry within the United States. Additionally, another 57,000+ kilograms of kratom material offered for import into the United States between 2014 and 2016 are awaiting an FDA admissibility decision. Together, this material is enough to produce over 12 million doses of kratom. The FDA has also warned the public not to use any products labeled as containing kratom due to concerns about toxicity and potential health impacts. In addition, FDA has issued and updated two import alerts related to kratom products.  Kratom has been on DEA’s list of drugs and chemicals of concern for several years.

 The American Association of Poison Control Centers identified two exposures to kratom from 2000 and 2005.  Between 2010 and 2015, U.S. poison centers received 660 calls related to kratom exposure. The Center for Disease Control (CDC) found that kratom abuse leads to agitation, irritability, tachycardia,  nausea, drowsiness, and hypertension. Health risks found in kratom abusers include hepatotoxicity, psychosis, seizure, weight loss, insomnia, tachycardia, vomiting, poor concentration, hallucinations, and death. DEA is aware of 15 kratom-related deaths between 2014 and 2016.

## Drug Topic – Resource Center

* <http://drugtopics.modernmedicine.com/tag/generics?cfcache=true&GUID=4E10CEE7-7762-4945-BD54-02AD876BC4C3&rememberme=1&ts=12092016>

## 4 Things Pharmacists Should Know About Opioid-Induced Constipation

* <http://www.pharmacytimes.com/conferences/painweek-2016/4-things-pharmacists-should-know-about-opioid-induced-constipation?utm_source=Informz&utm_medium=Pharmacy+Times&utm_campaign=PT%5FPAIN%5FWEEK%5FConference%5FDay%5F2%5F9%2D8%2D16>

[Video: How Pharmacists Can Help Prevent OIC](http://mjh-pharmacytimes.informz.net/z/cjUucD9taT01NTQwMDUwJnA9MSZ1PTgzNDM0NzUwNyZsaT0zNzU1OTk0Mw/index.html)

* <http://www.pharmacytimes.com/conferences/painweek-2016/how-pharmacists-can-help-prevent-oic?utm_source=Informz&utm_medium=Pharmacy+Times&utm_campaign=PT%5FPAIN%5FWEEK%5FConference%5FDay%5F2%5F9%2D8%2D16>

[Video: Steps Pharmacists Should Take to Reduce OIC](http://mjh-pharmacytimes.informz.net/z/cjUucD9taT01NTQwMDUwJnA9MSZ1PTgzNDM0NzUwNyZsaT0zNzU1OTk0Ng/index.html)

* <http://www.pharmacytimes.com/conferences/painweek-2016/steps-pharmacists-should-take-to-reduce-oic?utm_source=Informz&utm_medium=Pharmacy+Times&utm_campaign=PT%5FPAIN%5FWEEK%5FConference%5FDay%5F2%5F9%2D8%2D16>

## NAN Alert – Observe for possible fluid leakage when preparing parenteral syringes

* <http://www.ismp.org/NAN/files/NAN-20160915.pdf>

## Splenda launches stevia sweetener

* <http://www.drugstorenews.com/article/splenda-launches-stevia-sweetener?tp=i-H55-Q5U-1ez-24sAx-1v-wGU-1c-Nuq-24s54-6bK49&utm_campaign=Daily&utm_source=Experian&utm_medium=email&cid=6385&mid=30714239>

## PrescribeWellness partners with Independent Pharmacy Alliance

* <http://www.drugstorenews.com/article/prescribewellness-partners-independent-pharmacy-alliance?tp=i-H55-Q5U-1ez-24sAx-1v-wGU-1c-Nuf-24s54-5OoKm&utm_campaign=Daily&utm_source=Experian&utm_medium=email&cid=6385&mid=30714239>

## Many With Diabetes Missing Out on Statins

* <https://medlineplus.gov/news/fullstory_160908.html>

## Zika Found in Eye Fluid in Study

* <https://medlineplus.gov/news/fullstory_160986.html>

## Teva Says Hoping to Launch EpiPen-Like Device by 2018 in U.S.

* <http://www.managedhealthcareconnect.com/content/teva-says-hoping-launch-epipen-device-2018-us>

# TOOLS AND RESOURCES

## CDC: Tools and Materials for Your Office

* <http://www.cdc.gov/hpv/hcp/tools-materials.html>