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RURAL ROCKS

Newsletters

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## May 2017

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## RURAL ROCKS

Immunization Classes at Southwestern Oklahoma State University this summer  
<http://www.southwesternpharmacy.com/docs/2017ProgramBrochure.pdf>

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- CDC Offers Guidance on 2 vs. 3 Doses of Serogroup B Meningococcal Vaccine
- ACIP Vaccine Recommendations and Guidelines
- Perinatal Hepatitis B Coordinator List

#### INSURANCE

#### NEWS

- Seniors Often Have Trouble Managing Money, Medicines
- NEJM Journal Watch
- Feasting on Rural America: The Spread of Tick-Borne Diseases
- Experts warn summer will bring more ticks, deadly Powassan virus
- Small Doses: Pharmacy News Featuring Vaccine Skeptics, an Aspirin-Cancer Link, and More
- Delayed Allergic Reaction Triggered by Meat Linked to Tick Bites

#### RECALLS

- **Birth Control Pills Recalled Due to Out of Sequence Tablets**
- [http://www.empr.com/safety-alerts-and-recalls/mibelas-oral-contraceptive-recall-lupin/article/664824/?DCMP=EMC-MPR\\_DailyDose\\_cp\\_20170530&cpn=Pharm&hmSubId=07oGyhxXy0c1&hmEmail=zc9AEZF4x4rPbtLJAxJhmKIDzcJVA8s10&NID=&c\\_id=&dl=0&spMailingID=17344560&spUserID=NDgyNTEwMTE5NjYS1&spJobID=1022563904&spReportId=MTAyMjU2MzkwNAS2](http://www.empr.com/safety-alerts-and-recalls/mibelas-oral-contraceptive-recall-lupin/article/664824/?DCMP=EMC-MPR_DailyDose_cp_20170530&cpn=Pharm&hmSubId=07oGyhxXy0c1&hmEmail=zc9AEZF4x4rPbtLJAxJhmKIDzcJVA8s10&NID=&c_id=&dl=0&spMailingID=17344560&spUserID=NDgyNTEwMTE5NjYS1&spJobID=1022563904&spReportId=MTAyMjU2MzkwNAS2)

- Recalls

05/25/2017	<a href="#">Caverflo</a>	Natural Herbal Coffee	Undeclared Sildenafil and Tadalafil, Undeclared Milk	Caverflo.com
05/25/2017	<a href="#">Lupin</a>	Mibelas 24 Fe (Norethindrone Acetate and Ethinyl Estradiol 1 mg/0.02 mg chewable and ferrous fumarate 75 mg)	Out of Sequence Tablets and Missing Expiry/Lot information	Lupin Pharmaceuticals Inc.
05/24/2017	<a href="#">Astrazeneca</a>	professional (physician) sample BRILINTA (ticagrelor) 90mg tablets	Product container contained another medicine called ZURAMPIC	Astrazeneca
05/08/2017	<a href="#">Truxton Incorporated</a>	Amitriptyline HCL Tablets, USP 50mg and Phenobarbital Tablets, USP 15mg, 30mg, 60mg, 100mg	Labeling mix-up	C.O. Truxton, Inc.
05/05/2017	<a href="#">GEC Laxoplex</a>	Marketed as a dietary supplement	Presence of anabolic steroids	Genetic Edge Compounds
04/21/2017	<a href="#">Hospira, Inc.</a>	25% Dextrose Injection, USP (Infant)	Particulate matter (human hair)	Hospira, Inc.
04/21/2017	<a href="#">C.O. Truxton, Inc.</a>	Phenobarbital Tablets, USP, 15 mg	Product may contain 30 mg tablets	C.O. Truxton, Inc.

#### SHORTAGES

<a href="#">Acetohydroxamic Acid (Lithostat) Tablets</a>	<i>Resolved</i>
<a href="#">Albuterol Sulfate Inhalation Solution (0.5%)</a>	<i>Resolved</i>
<a href="#">Alitretinoin (Panretin) Gel</a>	<i>Resolved</i>
<a href="#">Anagrelide Hydrochloride Capsules</a>	<i>Resolved</i>
<a href="#">Asparaginase Erwinia Chrysanthemi (Erwinaze)</a>	<i>Currently in Shortage</i>
<a href="#">Atropine Sulfate Injection</a>	<i>Currently in Shortage</i>
<a href="#">Belatacept (Nulojix) Lyophilized Powder for Injection</a>	<i>Currently in Shortage</i>
<a href="#">Bleomycin Sulfate for Injection</a>	<i>Currently in Shortage</i>
<a href="#">Caffeine Anhydrous (125mg/mL); Sodium Benzoate (125mg/mL) Injection</a>	<i>Resolved</i>
<a href="#">Calcium Chloride Injection, USP</a>	<i>Currently in Shortage</i>
<a href="#">Calcium Gluconate Injection</a>	<i>Currently in Shortage</i>
<a href="#">Cefepime Injection</a>	<i>Currently in Shortage</i>
<a href="#">Cefotaxime Sodium (Claforan) Injection</a>	<i>Currently in Shortage</i>

<a href="#">Cefotetan Disodium Injection</a>	<i>Currently in Shortage</i>
<a href="#">Ceftazidime and Avibactam (AVYCAZ) for Injection, 2.5g</a>	<i>Resolved</i>
<a href="#">Chloramphenicol Sodium Succinate Injection</a>	<i>Resolved</i>
<a href="#">Chloroquine Phosphate Tablets</a>	<i>Resolved</i>
<a href="#">Desmopressin Acetate Injection</a>	<i>Resolved</i>
<a href="#">Dexamethasone Sodium Phosphate Injection</a>	<i>Resolved</i>
<a href="#">Dextrose 5% Injection Bags</a>	<i>Resolved</i>
<a href="#">Dextrose 50% Injection</a>	<i>Currently in Shortage</i>
<a href="#">Dextrose Injection USP, 70%</a>	<i>Resolved</i>
<a href="#">Dihydroergotamine Mesylate Injection</a>	<i>Currently in Shortage</i>
<a href="#">Disopyramide Phosphate (Norpace) Capsules</a>	<i>Currently in Shortage</i>
<a href="#">Doxorubicin Lyophilized Powder for Injection</a>	<i>Resolved</i>
<a href="#">Epinephrine Injection</a>	<i>Currently in Shortage</i>
<a href="#">Epinephrine Injection, 0.1 mg/mL</a>	<i>Currently in Shortage</i>
<a href="#">Epinephrine Injection, 1 mg/mL</a>	<i>Resolved</i>
<a href="#">Estradiol Valerate Injection, USP</a>	<i>Currently in Shortage</i>
<a href="#">Ethiodized Oil (Lipiodol) Injection</a>	<i>Currently in Shortage</i>
<a href="#">Etoposide Phosphate (Etopophos) Injection</a>	<i>Currently in Shortage</i>
<a href="#">Fentanyl Citrate (Sublimaze) Injection</a>	<i>Currently in Shortage</i>
<a href="#">Fomepizole Injection</a>	<i>Resolved</i>
<a href="#">Gemifloxacin Mesylate (Factive) Tablets</a>	<i>Currently in Shortage</i>
<a href="#">Hydroxyamphetamine Hydrobromide/Tropicamide (Paremyd)</a>	<i>Resolved</i>
<a href="#">Imipenem and Cilastatin for Injection, USP</a>	<i>Currently in Shortage</i>
<a href="#">Indigotindisulfonate Sodium (Indigo Carmine) Injection</a>	<i>Currently in Shortage</i>
<a href="#">Ketoprofen Capsules</a>	<i>Resolved</i>

<a href="#">L-Cysteine Hydrochloride Injection</a>	<i>Currently in Shortage</i>
<a href="#">Labetalol Hydrochloride Injection</a>	<i>Currently in Shortage</i>
<a href="#">Leucovorin Calcium Lyophilized Powder for Injection</a>	<i>Currently in Shortage</i>
<a href="#">Leuprolide Acetate Injection</a>	<i>Resolved</i>
<a href="#">Lidocaine Hydrochloride (Xylocaine) Injection</a>	<i>Currently in Shortage</i>
<a href="#">LifeCare PCA™ Sterile Empty Vial and Injector</a>	<i>Resolved</i>
<a href="#">Liotrix (Thyrolar) Tablets</a>	<i>Currently in Shortage</i>
<a href="#">Mecasermin [rDNA origin] (Increlex) Injection</a>	<i>Currently in Shortage</i>
<a href="#">Methotrexate Sodium Injection</a>	<i>Currently in Shortage</i>
<a href="#">Methylprednisolone Sodium Succinate for Injection, USP</a>	<i>Currently in Shortage</i>
<a href="#">Morphine Sulfate Injection, USP, CIL, (Preservative-Free)(For PCA Use Only)</a>	<i>Resolved</i>
<a href="#">Multi-Vitamin Infusion (Adult and Pediatric)</a>	<i>Currently in Shortage</i>
<a href="#">Mupirocin Calcium Nasal Ointment</a>	<i>Currently in Shortage</i>
<a href="#">Nimodipine (Nymalize) Oral Solution</a>	<i>Resolved</i>
<a href="#">Nitrous Oxide, Gas</a>	<i>Currently in Shortage</i>
<a href="#">Penicillin G Benzathine (Bicillin L-A) Injection</a>	<i>Currently in Shortage</i>
<a href="#">Penicillin G Benzathine and Penicillin G Procaine (Bicillin C-R) Injection</a>	<i>Currently in Shortage</i>
<a href="#">Penicillin G Procaine Injection</a>	<i>Currently in Shortage</i>
<a href="#">Peritoneal Dialysis Solutions</a>	<i>Currently in Shortage</i>
<a href="#">Piperacillin and Tazobactam (Zosyn) Injection</a>	<i>Currently in Shortage</i>
<a href="#">Potassium Chloride Injection</a>	<i>Currently in Shortage</i>
<a href="#">Potassium Phosphate Injection</a>	<i>Currently in Shortage</i>
<a href="#">Procainamide Hydrochloride Injection, USP</a>	<i>Currently in Shortage</i>
<a href="#">Promethazine (Phenergan) Injection</a>	<i>Currently in Shortage</i>
<a href="#">Ranitidine Injection, USP</a>	<i>Currently in Shortage</i>

<a href="#">Rocuronium Bromide Injection</a>	<i>Currently in Shortage</i>
<a href="#">Sacrosidase (Sucraid) Oral Solution</a>	<i>Currently in Shortage</i>
<a href="#">Sclerosol Intrapleural Aerosol</a>	<i>Currently in Shortage</i>
<a href="#">Scopolamine (Transderm Scop) Transdermal System Patch</a>	<i>Currently in Shortage</i>
<a href="#">Sincalide (Kinevac) Lyophilized Powder for Injection</a>	<i>Currently in Shortage</i>
<a href="#">Sodium Acetate Injection, USP</a>	<i>Currently in Shortage</i>
<a href="#">Sodium Bicarbonate Injection, USP</a>	<i>Currently in Shortage</i>
<a href="#">Sodium Chloride 0.9% Injection Bags</a>	<i>Currently in Shortage</i>
<a href="#">Sodium Chloride 23.4% Injection</a>	<i>Currently in Shortage</i>
<a href="#">Sterile Talc Powder</a>	<i>Currently in Shortage</i>
<a href="#">Sufentanil Citrate (Sufenta) Injection</a>	<i>Resolved</i>
<a href="#">Sumatriptan (Imitrex) Nasal Spray</a>	<i>Resolved</i>
<a href="#">Technetium Tc99m Succimer Injection (DMSA)</a>	<i>Currently in Shortage</i>
<a href="#">Theophylline Extended Release Tablets and Capsules</a>	<i>Currently in Shortage</i>
<a href="#">Tigecycline (Tygacil) Injection</a>	<i>Resolved</i>
<a href="#">Tobramycin Injection</a>	<i>Resolved</i>
<a href="#">Tolmetin Sodium Tablets, USP</a>	<i>Currently in Shortage</i>
<a href="#">Tretinoin Capsules</a>	<i>Resolved</i>
<a href="#">Trimipramine Maleate (SURMONTIL) Capsules</a>	<i>Resolved</i>
<a href="#">Vancomycin Hydrochloride for Injection, USP</a>	<i>Resolved</i>
<a href="#">Water-Miscible Vitamin A Palmitate (Aquasol A Parenteral)</a>	<i>Resolved</i>

## DRUG

- **Effective Lice Management in the Era of Pesticide-Resistance**
  - <http://drugtopics.modernmedicine.com/drug-topics/news/effective-lice-management-era-pesticide-resistance>
- **10 More Newly Approved Drugs**
  - <http://drugtopics.modernmedicine.com/node/435292?page=0,0&ampGUID=4E10CEE7-7762-4945-BD54-02AD876BC4C3&rememberme=1&ts=03052017>
- **NECC and Future of Compounding Pharmacy**
  - <http://drugtopics.modernmedicine.com/drug-topics/news/compounding-pharmacist-guilty-fraud-not-murder?GUID=EC22DC7A-8C9E-4231-BAFB-C4E25C30003B&rememberme=1&ts=02052017>
- **New Drug Product: Ingrezza**
  - [http://www.empr.com/new-drug-product-ingrezza/slideshow/3894/?DCMP=EMC-MPR\\_FirstLook\\_cp&cpn=Pharm&hmSubId=O7oGyhxY0c1&hmEmail=zc9AEZF4x4rPbtLJAxJhmklDzcJVA8s10&NID=&c\\_id=&dl=0&spMailingID=17141066&spUserID=NDgyNTEwMTE5NjYs1&spJobID=1020161584&spReportId=MTAyMDE2MTU4NAS2](http://www.empr.com/new-drug-product-ingrezza/slideshow/3894/?DCMP=EMC-MPR_FirstLook_cp&cpn=Pharm&hmSubId=O7oGyhxY0c1&hmEmail=zc9AEZF4x4rPbtLJAxJhmklDzcJVA8s10&NID=&c_id=&dl=0&spMailingID=17141066&spUserID=NDgyNTEwMTE5NjYs1&spJobID=1020161584&spReportId=MTAyMDE2MTU4NAS2)
- **Prescription Drug Spending Slowing**
  - <http://drugtopics.modernmedicine.com/drug-topics/news/prescription-drug-spending-slowng?GUID=EC22DC7A-8C9E-4231-BAFB-C4E25C30003B&rememberme=1&ts=05052017>
- **More Billion-Dollar Drugs, Faster Approvals, and Other Pharmaceutical Trends**
  - <http://drugtopics.modernmedicine.com/drug-topics/news/more-billion-dollar-drugs-faster-approvals-and-other-pharmaceutical-trends?GUID=EC22DC7A-8C9E-4231-BAFB-C4E25C30003B&rememberme=1&ts=16052017>
- **Long-acting insulin price concerns challenge WHO proposal**
  - [http://www.in-pharmatechnologist.com/Regulatory-Safety/Long-acting-insulin-price-concerns-challenge-WHO-proposal?utm\\_source=newsletter\\_daily&utm\\_medium=email&utm\\_campaign=30-May-2017&c=UsGRBeLc2egPo%2FYBkiE8aYzk7BWUNJhP&p2=](http://www.in-pharmatechnologist.com/Regulatory-Safety/Long-acting-insulin-price-concerns-challenge-WHO-proposal?utm_source=newsletter_daily&utm_medium=email&utm_campaign=30-May-2017&c=UsGRBeLc2egPo%2FYBkiE8aYzk7BWUNJhP&p2=)
- **Generic Option for ADHD Approved**
  - <http://www.consultant360.com/exclusives/generic-option-adhd-approved>
- **New Dosage for HIV Drug Approved**
  - <http://www.consultant360.com/exclusives/new-dosage-hiv-drug-approved>

## HOSPITAL

### FDA

- **Will Gottlieb's Faster Drug Approvals at FDA Help or Harm?**
  - <http://drugtopics.modernmedicine.com/drug-topics/news/will-gottlieb-s-faster-drug-approvals-fda-help-or-harm?GUID=EC22DC7A-8C9E-4231-BAFB-C4E25C30003B&rememberme=1&ts=12052017>

## IMMUNIZATIONS

- **Vaccines for Children Program (VFC)**
  - <https://www.cdc.gov/vaccines/programs/vfc/index.html>
- **IIS: HL7 Standard Code Set Mapping CVX to Vaccine Groups**
  - <https://www2a.cdc.gov/vaccines/iis/iisstandards/vaccines.asp?rpt=vg>
- **Epidemiology and Prevention of Vaccine-Preventable Diseases**
  - <https://www.cdc.gov/vaccines/pubs/pinkbook/index.html>
- **CDC Offers Guidance on 2 vs. 3 Doses of Serogroup B Meningococcal Vaccine**
  - <http://www.iwatch.org/fw112899/2017/05/19/cdc-offers-guidance-2-vs-3-doses-serogroup-b?query=pfwTOC&jwd=000020097761&jspc=%20>
- **ACIP Vaccine Recommendations and Guidelines**
  - <https://www.cdc.gov/vaccines/hcp/acip-recs/index.html>
- **Perinatal Hepatitis B Coordinator List**
  - <https://www.cdc.gov/vaccines/vpd/hepb/hcp/perinatal-contacts.html>

## INSURANCE

## NEWS

- **Seniors Often Have Trouble Managing Money, Medicines**
  - <https://consumer.healthday.com/senior-citizen-information-31/misc-aging-news-10/seniors-often-have-trouble-managing-money-medicines-721842.html>
- **NEJM Journal Watch**
  - <http://www.jwatch.org/?jwd=000020097761&jspc=%20>
- **Feasting on Rural America: The Spread of Tick-Borne Diseases**
  - [https://www.ruralhealthinfo.org/rural-monitor/tick-borne-diseases/?utm\\_source=racupdate&utm\\_medium=email&utm\\_campaign=update051717](https://www.ruralhealthinfo.org/rural-monitor/tick-borne-diseases/?utm_source=racupdate&utm_medium=email&utm_campaign=update051717)
- **Experts warn summer will bring more ticks, deadly Powassan virus**
  - <http://www.chicagotribune.com/lifestyles/health/sc-deadly-new-tick-borne-disease-health-0607-20170515-story.html>
- **Small Doses: Pharmacy News Featuring Vaccine Skeptics, an Aspirin-Cancer Link, and More**
  - <http://drugtopics.modernmedicine.com/drug-topics/news/small-doses-pharmacy-news-featuring-vaccine-skeptics-aspirin-cancer-link-and-more?GUID=EC22DC7A-8C9E-4231-BAFB-C4E25C30003B&rememberme=1&ts=24052017>
- **Delayed Allergic Reaction Triggered by Meat Linked to Tick Bites**
  - [http://www.empr.com/news/tick-bite-anaphylaxis-hypotension-allergic-reaction/article/663915/?DCMP=EMC-MPR\\_DailyDose\\_cp\\_20170524&cpn=Pharm&hmSubId=O7oGyhXy0c1&hmEmail=zc9AEZF4x4rPbtLJAxJhmkiDzcJVA8s10&NID=&c\\_id=&dl=0&spMailingID=17304560&spUserID=NDgyNTEwMTE5NjYs1&spJobID=1022048450&spReportId=MTAyMjA0ODQ1MAS2](http://www.empr.com/news/tick-bite-anaphylaxis-hypotension-allergic-reaction/article/663915/?DCMP=EMC-MPR_DailyDose_cp_20170524&cpn=Pharm&hmSubId=O7oGyhXy0c1&hmEmail=zc9AEZF4x4rPbtLJAxJhmkiDzcJVA8s10&NID=&c_id=&dl=0&spMailingID=17304560&spUserID=NDgyNTEwMTE5NjYs1&spJobID=1022048450&spReportId=MTAyMjA0ODQ1MAS2)