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RURAL ROCKS

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5-30-2017

May 2017

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Recommended Citation

Southwestern Oklahoma State University, "May 2017" (2017). *RURAL ROCKS*. 13.
https://dc.swosu.edu/rural_rocks/13

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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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- New Dosage for HIV Drug Approved

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- Will Gottlieb's Faster Drug Approvals at FDA Help or Harm?

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- Vaccines for Children Program (VFC)

- IIS: HL7 Standard Code Set Mapping CVX to Vaccine Groups
- Epidemiology and Prevention of Vaccine-Preventable Diseases
- CDC Offers Guidance on 2 vs. 3 Doses of Serogroup B Meningococcal Vaccine
- ACIP Vaccine Recommendations and Guidelines
- Perinatal Hepatitis B Coordinator List

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- 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

- Recalls

05/25/2017	Caverflo	Natural Herbal Coffee	Undeclared Sildenafil and Tadalafil, Undeclared Milk	Caverflo.com
05/25/2017	Lupin	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	Astrazeneca	professional (physician) sample BRILINTA (ticagrelor) 90mg tablets	Product container contained another medicine called ZURAMPIC	Astrazeneca
05/08/2017	Truxton Incorporated	Amitriptyline HCL Tablets, USP 50mg and Phenobarbital Tablets, USP 15mg, 30mg, 60mg, 100mg	Labeling mix-up	C.O. Truxton, Inc.
05/05/2017	GEC Laxoplex	Marketed as a dietary supplement	Presence of anabolic steroids	Genetic Edge Compounds
04/21/2017	Hospira, Inc.	25% Dextrose Injection, USP (Infant)	Particulate matter (human hair)	Hospira, Inc.
04/21/2017	C.O. Truxton, Inc.	Phenobarbital Tablets, USP, 15 mg	Product may contain 30 mg tablets	C.O. Truxton, Inc.

SHORTAGES

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

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

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

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