



Southwestern Oklahoma State University  
SWOSU Digital Commons

---

RURAL ROCKS

Newsletters

---

12-15-2017

## December 2017

Randy Curry

*Southwestern Oklahoma State University, [randy.curry@swosu.edu](mailto:randy.curry@swosu.edu)*

Cindy Brooks

*Southwestern Oklahoma State University, [cindy.brooks@swosu.edu](mailto:cindy.brooks@swosu.edu)*

Follow this and additional works at: [https://dc.swosu.edu/rural\\_rocks](https://dc.swosu.edu/rural_rocks)



Part of the [Health Information Technology Commons](#), [Medical Education Commons](#), [Pharmaceutical Preparations Commons](#), and the [Pharmacy and Pharmaceutical Sciences Commons](#)

---

### Recommended Citation

Curry, Randy and Brooks, Cindy, "December 2017" (2017). *RURAL ROCKS*. 20.  
[https://dc.swosu.edu/rural\\_rocks/20](https://dc.swosu.edu/rural_rocks/20)

This Newsletter is brought to you for free and open access by the Newsletters at SWOSU Digital Commons. It has been accepted for inclusion in RURAL ROCKS by an authorized administrator of SWOSU Digital Commons. An ADA compliant document is available upon request. For more information, please contact [phillip.fitzsimmons@swosu.edu](mailto:phillip.fitzsimmons@swosu.edu).

If a link does not work, copy and paste the link into your browser to view the article

## RECALLS

Possible Fungal Contamination Prompts Recall of Diabetes Drug Riomet

FDA recalls

## SHORTAGES

## DRUG

New Drug Product: Shingrix

New Drug Product: Endari

## HOSPITAL

## FDA

Statement from FDA Commissioner Scott Gottlieb, M.D., on the approval of a new formulation of buprenorphine and FDA's efforts to promote more widespread innovation and access to opioid addiction treatments

FDA approves first biosimilar for the treatment of certain breast and stomach cancers

FDA approves first Herceptin biosimilar from Mylan, Biocon

FDA Approves Pan-Tumor Companion Diagnostic

FDA Expands Approval of Injectable Psoriasis Drug

FDA approves Admelog, the first short-acting "follow-on" insulin product to treat diabetes

FDA launches new tool for sharing information that allows doctors to better manage antibiotic use; improve patient care

FDA – Updates for Health Professionals

FDA – Drug Safety Podcasts

FDA – Updates for Health Professionals

FDA – Drug Safety Podcasts

FDA – Reminder of Pharmaceutical deadline to update or certify their drug listings

FDA – Warning on gadolinium-based contrast agents (GBCAs) for magnetic resonance imaging (MRI)

Pfizer, Exelixis Cancer Drugs Get FDA Approval for Wider Use

## IMMUNIZATIONS

Takeda kicks off trial for Zika vaccine

Army's Zika vaccine phase 1 trials prove successful

## PHARMACY EDUCATION

Pharmacies Trafficking Opioids Targeted by DEA

3 New Initiatives Target Opioid Crisis

## DIABETES EDUCATION

Diabetics With Related Eye Damage Have Increased Falling Risk

Communication, Breaking Down Walls, and a Huge Step Forward for People with Type 1 Diabetes

Take Center Stage in Managing Your Diabetes

Bovine Insulin Is Being Discontinued

Managing Diabetes -New Technologies Can Make It Easier

TYPE 2 DIABETES – Binge Eating Slows Weight Loss in Diabetes Patients

Diabetes Risk Increased by Kidney Dysfunction

## COPD EDUCATION

Outpatient Non-Invasive Ventilation For COPD Could Save Hospital Costs

New Strategies for Managing COPD in Chronic Patients

Inhaled Medication for Treatment of Pulmonary Hypertension in COPD Patients

## INSURANCE

CVS Health, Aetna to merge

## NEWS

Hepatitis A Vaccine Supply Constrained Due to Ongoing Outbreaks

Health Dilemma: Can Wearables Generate Medical-Grade Data?

Allergens widespread in largest study of U.S. homes

A Patient-Centered Approach to Low Back Pain: Science and Strategies

UnitedHealth Partners With Walgreens for Integrated Urgent Care Clinics

How Pharmacists Are Helping Hep C Patients

CDC: Update on Influenza Activity in the U.S.

Sitting Does Not Cause Obesity

Pharmacy Is Dead

## RECALLS

### Possible Fungal Contamination Prompts Recall of Diabetes Drug Riomet

[http://www.empr.com/safety-alerts-and-recalls/riomet-metformin-oral-solution-recall-contamination-fungal-sun-pharmaceuticals/article/709510/?DCMP=EMC-MPR\\_DailyDose\\_CP\\_20171127&cpn=Pharm&hmSubId=07oGyhxXy0c1&hmEmail=zc9AEZF4x4rPbtLjAx|hmkldzc|VA8s10&NID=&c\\_id=&dl=0&spMailingID=18555934&spUserID=NDgyNTEwMTE5NjYS1&spJobID=1142464813&spReportId=MTE0MjQ2NDgxMwS2](http://www.empr.com/safety-alerts-and-recalls/riomet-metformin-oral-solution-recall-contamination-fungal-sun-pharmaceuticals/article/709510/?DCMP=EMC-MPR_DailyDose_CP_20171127&cpn=Pharm&hmSubId=07oGyhxXy0c1&hmEmail=zc9AEZF4x4rPbtLjAx|hmkldzc|VA8s10&NID=&c_id=&dl=0&spMailingID=18555934&spUserID=NDgyNTEwMTE5NjYS1&spJobID=1142464813&spReportId=MTE0MjQ2NDgxMwS2)

### FDA recalls

<https://www.fda.gov/Drugs/DrugSafety/DrugRecalls/default.htm>

Date	Brand Name	Product Description	Reason/Problem	Company
12/19/2017	<a href="#">AuroMedics Pharma LLC</a>	Pantoprazole Sodium for Injection 40 mg per vial	Contains glass particles	AuroMedics Pharma LLC
11/30/2017	<a href="#">Pharmacist Choice</a>	Alcohol Prep Pads	Lack of sterility assurance	Simple Diagnostics
11/24/2017	<a href="#">Sun Pharma</a>	Riomet® (Metformin Hydrochloride Oral Solution), 500 mg/5mL	Microbial Contamination (Scopulariopsis brevicaulis)	Sun Pharmaceutical Industries Ltd
11/16/2017	<a href="#">Greenstone LLC</a>	diphenoxylate hydrochloride and atropine sulfate tablets, USP	Sub Potent and Super Potent Tablets	Greenstone LLC, a wholly owned subsidiary of Pfizer Inc.
11/14/2017	<a href="#">Nexterone</a>	Amiodarone HCl	Particulate matter	Baxter International Inc
11/03/2017	<a href="#">Fresenius Kabi USA</a>	Midazolam Injection, USP prefilled syringe	Mislabeled	Fresenius Kabi USA
11/01/2017	<a href="#">Ridge Properties DBA Pain Relief Naturally</a>	Pain and itch relief products	Violations of current good manufacturing practice regulations.	Ridge Properties DBA Pain Relief Naturally

## SHORTAGES

<https://www.accessdata.fda.gov/scripts/drugshortages/default.cfm>

## DRUG

### New Drug Product: Shingrix

[http://www.empr.com/new-drug-product-shingrix/slideshow/4151/?DCMP=EMC-MPR\\_FirstLook\\_CP&cpn=Pharm&hmSubId=07oGyhxXy0c1&hmEmail=zc9AEZF4x4rPbtLjAx|hmkldzc|VA8s10&NID=&c\\_id=&dl=0&spMailingID=18607456&spUserID=NDgyNTEwMTE5NjYS1&spJobID=1160424078&spReportId=MTE2MDQyNDA3OAS2](http://www.empr.com/new-drug-product-shingrix/slideshow/4151/?DCMP=EMC-MPR_FirstLook_CP&cpn=Pharm&hmSubId=07oGyhxXy0c1&hmEmail=zc9AEZF4x4rPbtLjAx|hmkldzc|VA8s10&NID=&c_id=&dl=0&spMailingID=18607456&spUserID=NDgyNTEwMTE5NjYS1&spJobID=1160424078&spReportId=MTE2MDQyNDA3OAS2)

### New Drug Product: Endari

<http://links.clinadvisornews.clinicaladvisor.com/servlet/MailView?ms=MTg20TgxMDMS1&r=NDgyNTEwMTE5NjYS1&i=MTE2MTY2NTg5OAS2&mt=1&rt=0>

## HOSPITAL

### FDA

#### Statement from FDA Commissioner Scott Gottlieb, M.D., on the approval of a new formulation of buprenorphine and FDA's efforts to promote more widespread innovation and access to opioid addiction treatments

[https://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm587315.htm?utm\\_campaign=11302017\\_Statement\\_Following%20bunep%20release&utm\\_medium=email&utm\\_source=Eloqua](https://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm587315.htm?utm_campaign=11302017_Statement_Following%20bunep%20release&utm_medium=email&utm_source=Eloqua)

#### FDA approves first biosimilar for the treatment of certain breast and stomach cancers

[https://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm587378.htm?utm\\_campaign=12012017\\_PR\\_FDA%20approve%20biosimilar%20for%20stomach%20cancer&utm\\_medium=email&utm\\_source=Eloqua](https://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm587378.htm?utm_campaign=12012017_PR_FDA%20approve%20biosimilar%20for%20stomach%20cancer&utm_medium=email&utm_source=Eloqua)

#### FDA approves first Herceptin biosimilar from Mylan, Biocon

[http://www.drugstorenews.com/article/fda-approves-first-herceptin-biosimilar-mylan-biocon?tp=i-H9D-Q5U-5I5-7kpac-1v-1qda-1c-10Co-G-7kn0W-27xaPS&utm\\_campaign=Daily&utm\\_source=Experian&utm\\_medium=email&cid=20341&mid=114595762](http://www.drugstorenews.com/article/fda-approves-first-herceptin-biosimilar-mylan-biocon?tp=i-H9D-Q5U-5I5-7kpac-1v-1qda-1c-10Co-G-7kn0W-27xaPS&utm_campaign=Daily&utm_source=Experian&utm_medium=email&cid=20341&mid=114595762)

#### FDA Approves Pan-Tumor Companion Diagnostic

<https://www.journalofclinicalpathways.com/news/fda-approves-pan-tumor-companion-diagnostic>

#### FDA Expands Approval of Injectable Psoriasis Drug

<https://www.journalofclinicalpathways.com/news/fda-expands-approval-injectable-psoriasis-drug>

#### FDA approves Admelog, the first short-acting "follow-on" insulin product to treat diabetes

[https://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm588466.htm?utm\\_campaign=12112017\\_FDA%20approves%20Admelog&utm\\_medium=email&utm\\_source=Eloqua](https://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm588466.htm?utm_campaign=12112017_FDA%20approves%20Admelog&utm_medium=email&utm_source=Eloqua)

#### FDA launches new tool for sharing information that allows doctors to better manage antibiotic use; improve patient care

[https://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm588836.htm?utm\\_campaign=12132017\\_PR\\_FDA%20launches%20tool%20for%20antibiotic%20prescribing&utm\\_medium=email&utm\\_source=Eloqua](https://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm588836.htm?utm_campaign=12132017_PR_FDA%20launches%20tool%20for%20antibiotic%20prescribing&utm_medium=email&utm_source=Eloqua)

#### FDA – Updates for Health Professionals

<http://s2027422842.t.en25.com/e/es?s=2027422842&e=29607&elqTrackId=B1F0B909CCF90C71B9C490C37BFE6647&elq=ff42d3bfc09d43e2bf85837f3bd5f40c&elqaid=1724&elqat=1>

#### FDA – Drug Safety Podcasts

<http://s2027422842.t.en25.com/e/es?s=2027422842&e=29658&elqTrackId=B1F0B909CCF90C71B9C490C37BFE6647&elq=c45ff2e216b54907a36ec856d3af66a9&elqaid=1766&elqat=1>

## FDA – Updates for Health Professionals

<http://s2027422842.t.en25.com/e/es?s=2027422842&e=29607&elqTrackId=B1F0B909CCF90C71B9C490C37BFE6647&elq=ff42d3bfc09d43e2bf85837f3bd5f40c&elqaid=1724&elqat=1>

## FDA – Drug Safety Podcasts

<http://s2027422842.t.en25.com/e/es?s=2027422842&e=29658&elqTrackId=B1F0B909CCF90C71B9C490C37BFE6647&elq=c45ff2e216b54907a36ec856d3af66a9&elqaid=1766&elqat=1>

## FDA – Reminder of Pharmaceutical deadline to update or certify their drug listings

<http://s2027422842.t.en25.com/e/es?s=2027422842&e=30148&elqTrackId=B1F0B909CCF90C71B9C490C37BFE6647&elq=8a7b3f7bf60449b3849d18421e0994d6&elqaid=1785&elqat=1>

## FDA – Warning on gadolinium-based contrast agents (GBCAs) for magnetic resonance imaging (MRI)

<http://s2027422842.t.en25.com/e/es?s=2027422842&e=31117&elqTrackId=B1F0B909CCF90C71B9C490C37BFE6647&elq=574cdcd65e9843e68675c2054e0389a7&elqaid=1830&elqat=1>

## Pfizer, Exelixis Cancer Drugs Get FDA Approval for Wider Use

<https://www.journalofclinicalpathways.com/news/pfizer-exelixis-cancer-drugs-get-fda-approval-wider-use>

## IMMUNIZATIONS

### Takeda kicks off trial for Zika vaccine

[http://www.drugstorenews.com/article/takeda-kicks-trial-zika-vaccine?tp=i-H55-Q5U-4zG-7gQoP-1v-wGU-1c-1MYH-7giqW-1oWbR4&utm\\_campaign=Daily&utm\\_source=Experian&utm\\_medium=email&cid=19174&mid=113547197](http://www.drugstorenews.com/article/takeda-kicks-trial-zika-vaccine?tp=i-H55-Q5U-4zG-7gQoP-1v-wGU-1c-1MYH-7giqW-1oWbR4&utm_campaign=Daily&utm_source=Experian&utm_medium=email&cid=19174&mid=113547197)

### Army's Zika vaccine phase 1 trials prove successful

[http://www.drugstorenews.com/article/armys-zika-vaccine-phase-one-trials-prove-successful?tp=i-H55-Q5U-5IQ-7IKOM-1v-wGU-1c-10Q7-7lc3Y-TYzDH&utm\\_campaign=Daily&utm\\_source=Experian&utm\\_medium=email&cid=20362&mid=114712670](http://www.drugstorenews.com/article/armys-zika-vaccine-phase-one-trials-prove-successful?tp=i-H55-Q5U-5IQ-7IKOM-1v-wGU-1c-10Q7-7lc3Y-TYzDH&utm_campaign=Daily&utm_source=Experian&utm_medium=email&cid=20362&mid=114712670)

## PHARMACY EDUCATION

### Pharmacies Trafficking Opioids Targeted by DEA

<http://drugtopics.modernmedicine.com/drug-topics/news/dea-targets-pharmacies-trafficking-opioids?GUID=EC22DC7A-8C9E-4231-BAFB-C4E25C30003B&rememberme=1&ts=08122017>

### 3 New Initiatives Target Opioid Crisis

<http://drugtopics.modernmedicine.com/drug-topics/news/3-new-initiatives-target-opioid-crisis?GUID=EC22DC7A-8C9E-4231-BAFB-C4E25C30003B&rememberme=1&ts=19122017>

## DIABETES EDUCATION

### Diabetics With Related Eye Damage Have Increased Falling Risk

<https://www.managedhealthcareconnect.com/content/diabetics-related-eye-damage-have-increased-falling-risk>

### Communication, Breaking Down Walls, and a Huge Step Forward for People with Type 1 Diabetes

[https://blogs.fda.gov/fdavoices/index.php/2017/12/communication-breaking-down-walls-and-a-huge-step-forward-for-people-with-type-1-diabetes/?utm\\_campaign=FDA%20Voice%20A%20Huge%20Step%20Forward%20for%20People%20with%20Type%201%20Diabetes&utm\\_medium=email&utm\\_source=Eloqua](https://blogs.fda.gov/fdavoices/index.php/2017/12/communication-breaking-down-walls-and-a-huge-step-forward-for-people-with-type-1-diabetes/?utm_campaign=FDA%20Voice%20A%20Huge%20Step%20Forward%20for%20People%20with%20Type%201%20Diabetes&utm_medium=email&utm_source=Eloqua)

### Take Center Stage in Managing Your Diabetes

[https://www.huffingtonpost.com/entry/take-center-stage-in-managing-your-diabetes\\_us\\_59f9cba4e4b0de896d3f2cch](https://www.huffingtonpost.com/entry/take-center-stage-in-managing-your-diabetes_us_59f9cba4e4b0de896d3f2cch)

### Bovine Insulin Is Being Discontinued

<http://drugtopics.modernmedicine.com/drug-topics/news/bovine-insulin-being-discontinued>

### Managing Diabetes -New Technologies Can Make It Easier

<https://newsinhealth.nih.gov/2017/12/managing-diabetes>

### TYPE 2 DIABETES – Binge Eating Slows Weight Loss in Diabetes Patients

<https://www.consultant360.com/exclusives/binge-eating-slows-weight-loss-diabetes-patients>

### Diabetes Risk Increased by Kidney Dysfunction

<https://www.consultant360.com/exclusives/diabetes-risk-increased-kidney-dysfunction>

## COPD EDUCATION

### Outpatient Non-Invasive Ventilation For COPD Could Save Hospital Costs

<https://www.managedhealthcareconnect.com/content/copd-long-term-non-invasive-ventilation-cost-effective-outpatient-setting>

### New Strategies for Managing COPD in Chronic Patients

<https://www.managedhealthcareconnect.com/content/recent-innovations-treating-copd>

### Inhaled Medication for Treatment of Pulmonary Hypertension in COPD Patients

<https://www.managedhealthcareconnect.com/content/inhaled-medication-treatment-pulmonary-hypertension-copd-patients>

## INSURANCE

### CVS Health, Aetna to merge

<http://www.drugstorenews.com/article/cvs-health-aetna-merge>

## NEWS

### Hepatitis A Vaccine Supply Constrained Due to Ongoing Outbreaks

[http://www.empr.com/news/hepatitis-a-adult-vaccine-supply-shortage-outbreaks/article/709502/?DCMP=EMC-MPR\\_Spotlight\\_cp\\_20171128&cpn=Pharm&hmSubId=07oGyhxYv0c1&hmEmail=zc9AEZF4x4rPbtLJAxJhmklDzrPbt8s10&NID=&c\\_id=&d\\_l=0&spMailingID=18555740&spUserID=NDgyNTEwMTE5NjYs1&spJobID=1142462911&spReportID=MTE0MjQ2MjkxMgS2](http://www.empr.com/news/hepatitis-a-adult-vaccine-supply-shortage-outbreaks/article/709502/?DCMP=EMC-MPR_Spotlight_cp_20171128&cpn=Pharm&hmSubId=07oGyhxYv0c1&hmEmail=zc9AEZF4x4rPbtLJAxJhmklDzrPbt8s10&NID=&c_id=&d_l=0&spMailingID=18555740&spUserID=NDgyNTEwMTE5NjYs1&spJobID=1142462911&spReportID=MTE0MjQ2MjkxMgS2)

### Health Dilemma: Can Wearables Generate Medical-Grade Data?

<https://mhealthintelligence.com/news/an-mhealth-dilemma-can-wearables-generate-medical-grade-data?elqTrackId=5717650dfcac49b7818b6046c61171b1&elq=c23d9cdb40c7436a8595a5e1033144b6&elqaid=4156&elqat=1&elqCampaignId=3845>

**Allergens widespread in largest study of U.S. homes**

<https://www.nih.gov/news-events/news-releases/allergens-widespread-largest-study-us-homes>

**A Patient-Centered Approach to Low Back Pain: Science and Strategies**

<https://www.consultant360.com/articles/patient-centered-approach-low-back-pain-science-and-strategies>

**UnitedHealth Partners With Walgreens for Integrated Urgent Care Clinics**

<https://www.managedhealthcareconnect.com/content/unitedhealth-partners-walgreens-integrated-urgent-care-clinics>

**How Pharmacists Are Helping Hep C Patients**

<http://drugtopics.modernmedicine.com/drug-topics/news/how-pharmacists-are-helping-hep-c-patients?GUID=EC22DC7A-8C9E-4231-BAFB-C4E25C30003B&rememberme=1&ts=07122017>

**CDC: Update on Influenza Activity in the U.S.**

[http://www.empr.com/news/flu-season-activity-influenza-virus/article/713037/?DCMP=EMC-MPR\\_DailyDose\\_cp\\_20171208&cpn=Pharm&hmSubId=07oGyhxXy0c1&hmEmail=07oGyhxXy0c1&NID=&c\\_id=&dl=0&spMailingID=18632105&spUserID=NDgyNTEwMTE5NjYS1&spJobID=1160699516&spReportId=MTE2MDY5OTUxNgS2](http://www.empr.com/news/flu-season-activity-influenza-virus/article/713037/?DCMP=EMC-MPR_DailyDose_cp_20171208&cpn=Pharm&hmSubId=07oGyhxXy0c1&hmEmail=07oGyhxXy0c1&NID=&c_id=&dl=0&spMailingID=18632105&spUserID=NDgyNTEwMTE5NjYS1&spJobID=1160699516&spReportId=MTE2MDY5OTUxNgS2)

**Sitting Does Not Cause Obesity**

<https://www.consultant360.com/exclusives/sitting-does-not-cause-obesity>

**Pharmacy Is Dead**

<http://drugtopics.modernmedicine.com/drug-topics/news/pharmacy-dead?GUID=EC22DC7A-8C9E-4231-BAFB-C4E25C30003B&rememberme=1&ts=12122017>