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RURAL ROCKS

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## January 2017

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# RURAL ROCKS

*We need to know if there is an interest in an Immunization class in mid-summer of 2017.  
Please contact us if you would be interested at 580-774-3760.*

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- Study Details Effect of Nut Consumption on Risk of Various Diseases
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- Alzheimer's Disease: Untapped Potential for Pharmacy

## RECALLS

12/28/2016	<a href="#">Duravet</a>	Duramycin-10 Soluble Powder	Stability Failure	Huvepharma, Inc
11/29/2016	<a href="#">Megajex</a>	Male Sex Enhancer Dietary Supplement	Unapproved new drug	MS Bionic, Inc
11/24/2016	<a href="#">CVS and Kids Relief</a>	Homeopathic products	Misdeclared Belladonna extract levels	Raritan Pharmaceuticals
11/18/2016	<a href="#">Tri-Coast Pharmacy Inc.</a>	Sterile drug products	Concern for lack of sterility assurance	Tri-Coast Pharmacy Inc.
11/18/2016	<a href="#">Cantrell Drug Company</a>	Sterile drug products	Concern for Lack of Sterility Assurance	Cantrell Drug Company

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<a href="#">Ammonium Chloride Injection</a>	<i>Currently in Shortage</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="#">Bleomycin Sulfate for Injection</a>	<i>Currently in Shortage</i>
<a href="#">Caffeine Anhydrous (125mg/mL); Sodium Benzoate (125mg/mL) Injection</a>	<i>Currently in Shortage</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>
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<a href="#">Cefotetan Disodium Injection</a>	<i>Currently in Shortage</i>
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<a href="#">Epinephrine Injection</a>	<i>Currently in Shortage</i>
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<a href="#">Fentanyl Citrate (Sublimaze) Injection</a>	<i>Currently in Shortage</i>
<a href="#">Fomepizole Injection</a>	<i>Currently in Shortage</i>
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<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="#">Methyldopate Hydrochloride 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, CII, (Preservative-Free)(For PCA Use Only)</a>	<i>Resolved</i>
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<a href="#">Nimodipine (Nymalize) Oral Solution</a>	<i>Currently in Shortage</i>
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<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="#">Procainamide Hydrochloride Injection, USP</a>	<i>Currently in Shortage</i>
<a href="#">Ranitidine Injection, USP</a>	<i>Currently in Shortage</i>
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<a href="#">Scopolamine (Transderm Scop) Transdermal System Patch</a>	<i>Currently in Shortage</i>
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<a href="#">Sumatriptan (Imitrex) Nasal Spray</a>	<i>Currently in Shortage</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>Currently in Shortage</i>
<a href="#">Tobramycin Injection</a>	<i>Currently in Shortage</i>
<a href="#">Tretinoin Capsules</a>	<i>Resolved</i>
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<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

- **Pharmacy prices vary widely for generic heart drugs**
  - <http://drugtopics.modernmedicine.com/drug-topics/news/pharmacy-prices-vary-widely-generic-heart-drugs>
- **ASPIRIN Study: Benefits of Daily Aspirin Outweigh Gastrointestinal Risk**
  - <http://www.consultant360.com/exclusives/study-benefits-daily-aspirin-outweigh-gastrointestinal-risk>
- **DIABETES Steroids and Statins Tied to Increased Diabetes Risk in RA**
  - <http://www.managedhealthcareconnect.com/content/steroids-and-statins-tied-increased-diabetes-risk-ra>
- **Express Scripts Sees No Let-up in Drug Pricing Chatter**
  - <http://www.managedhealthcareconnect.com/content/express-scripts-sees-no-let-drug-pricing-chatter>
- **Lilly to Offer Insulin at Discounted Prices to Certain Patients**
  - <http://www.managedhealthcareconnect.com/content/lilly-offer-insulin-discounted-prices-certain-patients>
- **Big Price Hikes Seen in Drug That Prevents Overdose Deaths**
  - <http://www.managedhealthcareconnect.com/content/big-price-hikes-seen-drug-prevents-overdose-deaths>
- **FDA Proposes the Removal and Addition of Substances to Its 503A Bulks List**
  - <http://www.pharmacytimes.com/product-news/fda-proposes-the-removal-and-addition-of-substances-to-its-503a-bulks-list>
- **Mylan launches generic EpiPen**
  - [http://www.drugstorenews.com/article/mylan-launches-generic-epipen?tp=i-H55-Q5U-20i-3cVY4-1v-wGU-1c-WnO-3cUA6-1tCY9i&utm\\_campaign=Generics&utm\\_source=Experian&utm\\_medium=email&cid=9220&mid=53506748](http://www.drugstorenews.com/article/mylan-launches-generic-epipen?tp=i-H55-Q5U-20i-3cVY4-1v-wGU-1c-WnO-3cUA6-1tCY9i&utm_campaign=Generics&utm_source=Experian&utm_medium=email&cid=9220&mid=53506748)
- **New Drug Review: Spinraza**
  - [http://www.empr.com/spinraza/drug/34633/?DCMP=EMC-MPR\\_FirstLook\\_cp&cpn=Pharm&hmSubId=&hmEmail=zc9AEZF4x4rPbtLJAXJhmklDzcJVA8s10&NID=&c\\_id=&d=0&spMailingID=16301530&spUserID=NDgyNTEwMTE5NjYS1&spJobID=940788581&spReportId=OTQwNzg4NTgxS0](http://www.empr.com/spinraza/drug/34633/?DCMP=EMC-MPR_FirstLook_cp&cpn=Pharm&hmSubId=&hmEmail=zc9AEZF4x4rPbtLJAXJhmklDzcJVA8s10&NID=&c_id=&d=0&spMailingID=16301530&spUserID=NDgyNTEwMTE5NjYS1&spJobID=940788581&spReportId=OTQwNzg4NTgxS0)
- **Addressing the Opioid Epidemic: Keeping Medicare and Medicaid Beneficiaries Healthy**
  - [https://www.cms.gov/Outreach-and-Education/Outreach/FFSPProvPartProg/Provider-Partnership-Email-Archive-Items/2017-01-12-eNews.html?DLPage=1&DLEntries=10&DLSort=0&DLSortDir=descending#\\_Toc471878721](https://www.cms.gov/Outreach-and-Education/Outreach/FFSPProvPartProg/Provider-Partnership-Email-Archive-Items/2017-01-12-eNews.html?DLPage=1&DLEntries=10&DLSort=0&DLSortDir=descending#_Toc471878721)

## HOSPITAL

- **Hospital Impact: Drug companies win, patients lose with 21st Century Cures Act**
  - [http://www.fiercehealthcare.com/hospitals/hospital-impact-drug-companies-win-patients-lose-21st-century-cures-act?utm\\_medium=nl&utm\\_source=internal&mkt\\_tok=eyJpIjoiTkdfEFltUXhNek5sWkRabSlslnQiOiJ5NU1tc2JoSExLTGNXXC9ZSXMNMemVnZ1ZKb2ZPQ2dsYjloUnRDWk9aNG5kRDZHUFC0QXQ4RHoxdFZYeHpKSzEzVng3aFpaNjJ2cW1pQUlcl2xsU0pvrR0lteHlnM0pmRzdSV0VCVmtXOEEdkMk1GTRDJZHJ3YVZzSnVtdk9iQjBHtnN3In0%3D](http://www.fiercehealthcare.com/hospitals/hospital-impact-drug-companies-win-patients-lose-21st-century-cures-act?utm_medium=nl&utm_source=internal&mkt_tok=eyJpIjoiTkdfEFltUXhNek5sWkRabSlslnQiOiJ5NU1tc2JoSExLTGNXXC9ZSXMNMemVnZ1ZKb2ZPQ2dsYjloUnRDWk9aNG5kRDZHUFC0QXQ4RHoxdFZYeHpKSzEzVng3aFpaNjJ2cW1pQUlcl2xsU0pvrR0lteHlnM0pmRzdSV0VCVmtXOEEdkMk1GTRDJZHJ3YVZzSnVtdk9iQjBHtnN3In0%3D)
- **Hospitals Affiliated with Medicare ACOs Decreased Readmission Rates Faster**
  - <http://www.managedhealthcareconnect.com/content/hospitals-affiliated-medicare-acos-dropped-readmission-rates-faster>
- **CMS NEWS**
  - **Pennsylvania Rural Health Model aims to help rural hospitals improve quality, address community health needs**

Today, the Centers for Medicare & Medicaid Services (CMS) and Pennsylvania announced the Pennsylvania Rural Health Model, a new initiative of the CMS Center for Medicare and Medicaid Innovation (Innovation Center). The Model is designed to improve health and health care in rural Pennsylvania under an agreement signed by Governor Tom Wolf and Pennsylvania Secretary of Health Karen Murphy.

Specifically, the Model seeks to increase rural Pennsylvanians' access to high-quality care and improve their health, while also reducing the growth of hospital expenditures across payers, including Medicare, and increasing the financial viability of the state's rural hospitals to ensure continued access to care facilities. Pennsylvania, through its Department of Health, will be a key partner in jointly administering this model with CMS.

Under this model, participating rural hospitals will receive all-payer global budgets—or a fixed amount of money that is set in advance and funded by all participating payers—to cover the inpatient and outpatient services they provide. Rural hospitals will use this predictable funding to deliberately redesign the care they deliver to improve quality and meet the health needs of their local communities.

The Model is open to critical access hospitals and acute care hospitals in rural Pennsylvania. In addition, other payers covering individuals in the Commonwealth, including Medicaid and commercial health plans, are eligible to participate in the model by paying participating rural hospitals through global budgets.

"The Pennsylvania Rural Health Model presents a historic opportunity for rural hospitals. We believe the hospitals will be able to improve the quality of care they provide to their patients, and will also help address the underlying health needs in their communities," said Patrick Conway, M.D., CMS Principal Deputy Administrator and Chief Medical Officer. "The Model will help rural hospitals remain financially viable and continue to provide essential services to the people in their communities."

CMS intends to provide Pennsylvania with \$25 million, which is a portion of the funding to begin implementing the Pennsylvania Rural Health Model. Pennsylvania will use this funding to operate the model, including data analytics, quality assurance, and technical assistance to help rural hospital participants create and implement plans to improve quality of care and address the most prevalent health needs in the communities they serve.

The Pennsylvania Rural Health Model aims to build on CMS' partnerships with states to deliver high-quality, innovative care. CMS has partnered with 38 states and territories through the State Innovation Models Initiative to improve quality and population health, and leverage state-based innovation. CMS has been partnering with Maryland since 2014 through the Maryland All-Payer Model to shift hospital payments to global budgets that reward value over volume. In October 2016, CMS announced the Vermont All-Payer Accountable Care Organization Model to build on the Maryland All-Payer Model by transforming care statewide, beyond the hospital. Pennsylvania participated in the State Innovation Models Initiative as a Round 2 Design State, which has helped support the development of the Pennsylvania Rural Health Model. The Pennsylvania Rural Health Model will provide valuable insight for other opportunities for CMS to participate in state-driven, all-payer payment and care delivery transformation efforts that address the challenges faced by rural providers.

The Pennsylvania Rural Health Model is possible as a result of the Affordable Care Act, which created the CMS Innovation Center to test innovative payment and service delivery models to reduce program expenditures while preserving or enhancing the quality of care for Medicare, Medicaid, and Children's Health Insurance Program beneficiaries. The purpose of this innovation is to pay hospitals and clinicians based on the quality, not quantity, of care they give patients. Today's announcement is part of the broader strategy to improve the health system by paying providers for what works, unlocking health care data, and finding new ways to coordinate and integrate care to improve quality.

For more information on the Pennsylvania Rural Health Model, please view the [Fact Sheet](#) or visit the [CMS website](#).

## FDA

- **FDA Approves Abuse-Deterrent Opioid, Vantrela ER**
  - <http://www.consultant360.com/exclusives/fda-approves-abuse-deterrent-opioid-vantrela-er>
- **FDA Updates Opioid Drug Label Information**
  - [http://www.neurologyadvisor.com/pain/fda-opioid-product-labeling-new-information/article/632081/?DCMP=EMC-Neuro\\_Update&cpn=&hmSubId=&NID=&dl=0&spMailingID=16359893&spUserID=NDgyNTEwMTE5NjYs1&spJobID=941442906&spReportId=OTQxNDQyOTA2S0](http://www.neurologyadvisor.com/pain/fda-opioid-product-labeling-new-information/article/632081/?DCMP=EMC-Neuro_Update&cpn=&hmSubId=&NID=&dl=0&spMailingID=16359893&spUserID=NDgyNTEwMTE5NjYs1&spJobID=941442906&spReportId=OTQxNDQyOTA2S0)
- **FDA APPROVALS Eucrisa Approved for Atopic Dermatitis**
  - <http://www.managedhealthcareconnect.com/content/new-eczema-drug-now-available>
- **FDA Approves New Treatment Option for Eczema**
  - <http://www.consultant360.com/exclusives/fda-approves-new-treatment-option-eczema>
- **FDA Bans Powdered Gloves**
  - [http://www.raps.org/Regulatory-Focus/News/2016/12/16/26391/FDA-Bans-Powdered-Gloves/?utm\\_source=Email&utm\\_medium=Informz&utm\\_campaign=Informz%2DEmails](http://www.raps.org/Regulatory-Focus/News/2016/12/16/26391/FDA-Bans-Powdered-Gloves/?utm_source=Email&utm_medium=Informz&utm_campaign=Informz%2DEmails)
- **FDA Approvals**
  - <http://www.managedhealthcareconnect.com/resource-center/fda-alerts>
- **FDA Approves New Long-Acting Opioid for Severe Pain**
  - [http://www.empr.com/news/morphine-sulfate-arymo-er-long-acting-opioid-approved/article/630509/?DCMP=EMC-MPR\\_DailyDose\\_cp&cpn=Pharm&hmSubId=&NID=&c\\_id=&dl=0&spMailingID=16292914&spUserID=NDgyNTEwMTE5NjYs1&spJobID=940708248&spReportId=OTQwNzA4MjQ4S0](http://www.empr.com/news/morphine-sulfate-arymo-er-long-acting-opioid-approved/article/630509/?DCMP=EMC-MPR_DailyDose_cp&cpn=Pharm&hmSubId=&NID=&c_id=&dl=0&spMailingID=16292914&spUserID=NDgyNTEwMTE5NjYs1&spJobID=940708248&spReportId=OTQwNzA4MjQ4S0)
- **FDA Approves New Abuse-Deterrent Opioid**
  - <http://www.consultant360.com/exclusives/fda-approves-new-abuse-deterrent-opioid>

## IMMUNIZATIONS

- **ACIP Vaccine Recommendations**
  - <https://www.cdc.gov/vaccines/hcp/acip-recs/index.html>
- **Human trials of Zika vaccine underway**
  - <http://drugtopics.modernmedicine.com/human-trials-zika-vaccine-underway>
- **Vaccinate Adults**
  - <http://us1.campaign-archive1.com/?u=69948816469e0f4801f8647ee&id=119227b73c&e=c3853ff183>
- **Vaccines for Children Program (VFC)**
  - <https://www.cdc.gov/vaccines/programs/vfc/awardees/vaccine-management/price-list/index.html>

- **Flu Activity on the Rise; CDC recommends vaccination and appropriate use of antivirals**
  - <https://www.cdc.gov/flu/spotlights/flu-activity-rise-2016-2017.htm>
- **Immunization Works Newsletters**
  - <https://www.cdc.gov/vaccines/news/newsletters/imwrks/index.html>
- **CDC Vaccine Price List**
  - <https://www.cdc.gov/vaccines/programs/vfc/awardees/vaccine-management/price-list/index.html>
- **How Does Ethnicity Affect Influenza Vaccine Responses?**
  - <http://www.consultant360.com/video>

## INSURANCE

## NEWS

- **DIABETES Study: Light Walking Could Significantly Improve Insulin Sensitivity In Diabetes Patients**
  - <http://www.consultant360.com/exclusives/study-light-walking-could-significantly-improve-insulin-sensitivity-diabetes-patients>
- **Study Details Effect of Nut Consumption on Risk of Various Diseases**
  - <http://www.consultant360.com/topic/nutrition>
- **PCP Patient Volume Linked to Diabetes Care Quality**
  - <http://www.managedhealthcareconnect.com/content/pcp-patient-volume-linked-diabetes-care-quality>
- **On-Demand Webcast *Addressing Barriers to Top Quality Diabetes Care in 2016* (CME/CNE/CPE)**
  - <http://www.consultant360.com/cme>
- **In Dementia, Care From Multiple Health Systems Poses Drug Safety Risks**
  - <http://www.managedhealthcareconnect.com/content/dementia-care-multiple-health-systems-poses-drug-safety-risks>
- **Hepatitis C Virus Treatments and Screening**
  - <http://www.consultant360.com/content/hepatitis-c-virus-treatments-and-screening>
- **Study: Chocolate Consumption Decreases Risk of Diabetes**
  - <http://www.consultant360.com/exclusives/recent-study-finds-chocolate-consumption-decreases-risk-diabetes-diagnosis>
- **Multistate Outbreak of Bloodstream Infections Due to Contaminated Prefilled Saline Flush Syringes**
  - <http://www.managedhealthcareconnect.com/article/multistate-outbreak-bloodstream-infections-due-contaminated-prefilled-saline-flush-syringes>
- **7 trends that will disrupt and define retail in 2017**
  - <http://www.retaildive.com/news/7-trends-that-will-disrupt-and-define-retail-in-2017/433542/>
- **Find Government Services and Information Quickly**
  - <https://www.usa.gov/>
- **CDC guides promote involvement of pharmacists to manage hypertension**
  - <http://www.pharmacist.com/article/cdc-guides-promote-involvement-pharmacists-manage-hypertension>
- **Alzheimer's Disease: Untapped Potential for Pharmacy**
  - <http://drugtopics.modernmedicine.com/drug-topics/news/alzheimers-disease-untapped-potential-pharmacy?cfcache=true&GUID=EC22DC7A-8C9E-4231-BAFB-C4E25C30003B&rememberme=1&ts=19012017>