



# Insights:

## Emerging Trends for Clinical Leadership

Fall 2018

TRC HEALTHCARE – MONTHLY EXECUTIVE BRIEF

IN THIS ISSUE

## A Note from the Editor

The year may be winding down, but our editors are still hard at work to deliver concise, timely, and trustworthy drug therapy and medication management recommendations via our *Letters*.

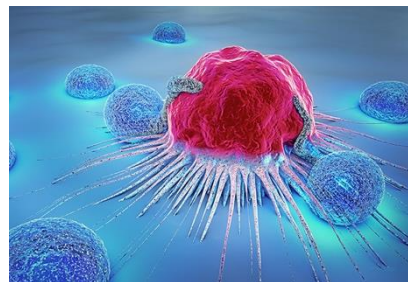
Last month we took a look at transitions of care for patients on immunotherapies, and in December, we'll provide guidance and strategies for opioid stewardship.

Next week, our team will attend the American Society of Health-System Pharmacists (ASHP) Midyear Clinical Meeting and Exhibition in Anaheim to chat with organizations like yours about the value of having unbiased, evidence-based medication advisory resources to clinical teams across care settings. Visit booth #364 to meet with our team to learn more.



**Joshua Conrad, PharmD**  
Vice President  
of Editorial and  
Content

## Practice- Changing Pharmacy Updates



### Safely Transition Patients on Immunotherapy Meds

**Pain Point:** A newer class of cancer-treating agents called immunotherapies are typically given in an outpatient environment, and sometimes inpatient practitioners know little about these meds.

**What's New:** Last month's article discussed how immune checkpoint inhibitors are different than standard chemotherapy, and provided treatment recommendations for serious reactions that can occur.

[Read more.](#)

[1 • A Note from the Editor](#)

[1 • Practice-Changing Updates](#)

[1 • News You Need to Know](#)

[2 • Product Spotlight](#)

[3 • News & Events](#)

[3 • Continuing Education](#)

**Want More?** [Access the Current Issue\(s\)](#)

## News You Need to Know

*Insights* delivers the latest in emerging trends for clinical leadership straight to your inbox. Included in each monthly edition, you'll receive industry-relevant updates, timely new facts, and advice to help you and your pharmacy teams leverage the most from your TRC Healthcare product subscription. You'll also see the latest CE courses added to our course catalog, as well as important national and state requirements to keep you and your staff in compliance.

Contact us anytime for more information. Visit [trchealthcare.com](http://trchealthcare.com), or [email us](#).



### Coming Soon: Opioid Stewardship

**Pain Point:** Due to the opioid crisis, hospitals have identified opioid stewardship as an educational need for staff given that many opioid prescriptions come after surgery or hospitalization.

**Solution:** Next month's article will review overall strategies to reduce opioid use in the hospital, including when it may be appropriate to remove from order sets, how to de-escalate, and how to help patients transition home.

Read more in the December issue.

## Product Spotlight

### Product News

#### Spotlight On: Pharmacy Technicians University (PTU)

##### PTU Meets Revised ASHP/ACPE Tech Training Standards Going into Effect January 1, 2019

Pharmacy Technicians University is ready to support the recently revised training and education standards set forth by ASHP and ACPE that were released last July and go into effect January 1, 2019. The revised standards define competencies that differentiate entry- and advanced-level training, and place additional emphasis on educational outcomes and methods used to assess competency.

Pharmacy Technicians University offers the most extensive and robust interactive courseware and training videos for medication learning available, and provides curriculums of up to 600 hours of didactic, simulation, and experiential course content and the highest-quality technician training resources, including:

- **PTU National Standards Entry-Level Program** (400 hours)
- **PTU National Standards Advanced Program** (600 hours)

[Contact us today](#) to get your techs enrolled in PTU.

### SUPER SATURDAY RETURNS

Each June and December, we provide clinicians with the opportunity to “catch up” and **earn up to six hours of live CE credit in one day**. The last session for 2018 will be held on December 15.

Sign up by visiting the “CE & Training” tab in any *Letter* product.

### Tools for an Organization-wide Commitment to Antimicrobial Stewardship

Looking for evidence-based resources to build or sustain a strong antimicrobial stewardship program?

*Hospital Pharmacist's Letter* helps educate and inform clinicians across the care continuum about smart antibiotic use to help prevent infections, improve patient safety and outcomes, and decrease and prevent the development of antimicrobial resistance.

Search “antimicrobial stewardship” in your *Letter* product to view a toolbox with suggested strategies and resources to support your organizations goals.

You can also download the chart, “Developing an Antimicrobial Stewardship Program” for tips on creating and improving your organization’s program.

| Antimicrobial Stewardship  |  |
|--|--|
| <a href="#">Favorite</a> <a href="#">View Printable PDF</a>  |  |
| <b>Full update May 2018</b>  |  |
| Antimicrobial stewardship is a set of coordinated strategies to optimize antimicrobial use to improve patient safety and outcomes, decrease and prevent the development of antimicrobial resistance, and decrease unnecessary costs. <sup>1</sup> Up to 50% of all antibiotics are prescribed or used incorrectly. <sup>2,3</sup> Antibiotics are essential medications but their overuse and misuse is contributing to the development of resistant bacteria. At least two million people in the U.S. become infected with an antibiotic-resistant bacteria leading to about 23,000 deaths each year. <sup>2,3</sup> Resistance is increasing faster than new antibiotics can be developed, threatening the ability to treat certain infections. <sup>4</sup> The toolbox below provides information and resources to reduce infections and optimize the use of antibiotics. See our chart, <i>Developing an Antimicrobial Stewardship Program</i> , for more information about developing or improving an antimicrobial stewardship program. |  |
| Goal   | Suggested Strategies or Resources  |
| <b>Use vaccines to prevent influenza and pneumonia</b>   | Provide immunizations in your pharmacy. U.S. subscribers can use our resource, <i>Pharmacy Immunization Clinics: Making It Happen</i> , for help getting started.<br><b>Influenza</b> <ul style="list-style-type: none"> <li>• Get vaccinated to set a good example for patients and coworkers.</li> <li>• Vaccinate all patients six months and older against influenza, including pregnant women, yearly.<sup>13,15</sup></li> <li>• U.S. subscribers can stay up-to-date on the latest regarding prevention, treatment, diagnosis, and flu activity on social media.               <ul style="list-style-type: none"> <li>◦ Facebook: <a href="https://www.facebook.com/CDC">https://www.facebook.com/CDC</a></li> <li>◦ Twitter: <a href="https://twitter.com/CDCflu">https://twitter.com/CDCflu</a></li> </ul> </li> <li>• Stay up-to-date on influenza vaccines with our CE, <i>Influenza Immunization in Special Populations: 2017/2018 Update</i>.</li> <li>• Use our chart to choose the best vaccine for patients, <i>Flu Vaccines for 2017-2018</i> (U.S. subscribers); (Canadian subscribers), Canadians can get information and materials to educate healthcare professionals about flu vaccination and other preventive actions from the Government of Canada at <a href="https://www.fightflu.ca">https://www.fightflu.ca</a>.</li> </ul> |

### New CE Course: Hand Hygiene for Infection Control

This course reviews proper hand hygiene, including appropriate handwashing and use of alcohol-based hand-rubs, to help prevent the spread of infections in both the healthcare and community settings. Sign up by visiting the “CE & Training” tab in any *Letter* product.

## News & Events

### Upcoming Webinars

**Hot Topic Webinar:** "Managing Depression in Older Adults" Dec. 20, 12 PM Eastern / 9 AM Pacific. Registration coming soon.

**PL Voices Webinar:** "PL Voices – Clinical Recommendations" Dec. 7, 8 PM Eastern / 5 PM Pacific. Check the course library in your *Letter* product to register.

### Visit TRC Healthcare at These Upcoming Events

**American Society of Health-System Pharmacists (ASHP) Midyear Clinical Meeting and Exhibition** – Dec. 3-5, Anaheim, CA

**Visit Booth #364**



## Continuing Education

TRC's accredited learning center for medication management offers 13 Continuing Education categories, including:

- Disease State Management / Drug Therapy
- HIV / AIDS
- Law
- General Pharmacy
- Patient Safety / Medication Errors
- Archived Webinars
- Competency
- Compliance
- Hospital / Specialty
- Preceptor
- Training
- Immunization
- Compounding

Stay on top of certification, license, and continuing education renewal periods and associated hours required for your state. Make note of the states that have renewal periods in the current month, as well as ongoing state and national requirements:

#### December

Alabama  
Connecticut  
Florida  
Georgia  
Kentucky  
Louisiana  
Maine  
Massachusetts  
Mississippi  
New Hampshire  
North Carolina  
Oklahoma  
Virginia  
Wyoming

#### Ongoing

California  
Maryland  
New Mexico  
New York  
Tennessee  
Texas  
Washington

#### National

PTCB  
NHA

TRC's accredited learning center for medication management is host to one of the most extensive CE/CME course offerings in the industry. Updated monthly, users have access to live and on-demand webinars, self-paced courses, compliance training, and more.



To view details for each state, as well as a list of associated continuing education courses available to meet requirements, [click here](#).

## New Continuing Education Courses

| COURSE TITLE  | PRODUCT CODE  | CREDIT TYPE             | CREDIT HRS | COUNTRY  | RELEASE DATE | CATEGORIES                                | COURSE DESCRIPTION  | STATE REQUIREMENTS MET   |
|---|---|-------------------------|------------|----------|--------------|---|---|--|
| <b>CME-in-the-Letter: Nov 2018</b>  | 18-1011 (PRL)<br>18-1031 (PRLH)<br>18-1051 (PRLC)<br>18-2011 (NL)                             | MD, DO, PA, NP, RN      | 1.00       | US & CAN | 11/1/18      | Disease State Management/<br>Drug Therapy | Especially for <b>physician, nursing, and physician assistant prescribers</b> . Timely, evidence-based recommendations you can use in your practice to improve patient outcomes.  | Pharmacotherapy CE;<br>General CME                                 |
| <b>CE-in-the-Letter: Nov 2018</b>   | 18-711 (PL)<br>18-731 (PLH)<br>18-751 (PLC)<br>18-811 (PTL)<br>18-831 (PTLH)<br>18-851 (PTLC) | RPh & Tech              | 1.00       | US & CAN | 11/1/18      | Disease State Management/<br>Drug Therapy | Especially for <b>pharmacists and pharmacy technicians</b> . Relevant, evidence-based recommendations you can use in your pharmacy setting to help improve patient care.  | Iowa - Drug Therapy;<br>Missouri MTM;<br>All others - General CE   |
| <b>Natural Medicines in the Clinical Management of Anxiety (JA0006454-0000-18-111-H01-P)</b>                              | 18-111  | RPh, MD, DO, PA, NP, RN | 1.00       | US & CAN | 11/1/18      | Disease State Management/<br>Drug Therapy | This course summarizes evidence for preventing symptoms of and treating anxiety and related disorders with natural medicines.   | Iowa - Drug Therapy;<br>Missouri - MTM;<br>All others - General CE |
| <b>Management of Irritable Bowel Syndrome &amp; Inflammatory Bowel Disease (JA0006454-0000-18-240-H01-P)</b>              | 18-240  | RPh                     | 1.00       | US & CAN | 11/1/18      | Disease State Management/<br>Drug Therapy | This course reviews irritable bowel syndrome and inflammatory bowel disease by covering typical symptoms, risk factors, diagnostic approaches, and the nonpharmacologic and pharmacologic treatment options for each condition. | Iowa - Drug Therapy;<br>Missouri - MTM;<br>All others - General CE |
| <b>The Pharmacy Team's Role in the Management of Dementia (JA0006454-0000-18-328-H01-P) (JA0006454-0000-18-328-H01-T)</b> | 18-328  | RPh & Tech              | 1.00       | US & CAN | 11/1/18      | Disease State Management/<br>Drug Therapy | This course reviews how the pharmacy team can get involved to help patients with dementia and their caregivers by providing information on ways to manage symptoms, helpful resources, and available treatments.                | Iowa - Drug Therapy;<br>Missouri - MTM;<br>All others - General CE |
| <b>Pharmacy Technicians Guide to Celiac Disease (JA0006454-0000-18-411-H01-T)</b>   | 18-410  | Tech                    | 1.00       | US & CAN | 11/1/18      | Disease State Management/<br>Drug Therapy | This course discusses the symptoms, diagnosis, and management of celiac disease to assist pharmacy technicians with helping patients avoid gluten in their diets.   | General CE   |
| <b>Hepatitis C: An Overview for Pharmacy Technicians</b>  | 18-411  | Tech                    | 1.00       | US & CAN | 11/1/18      | Disease State Management/<br>Drug Therapy | This course provides an overview of hepatitis C including transmission,   | General CE   |

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|--|--------------|-------------------|------------|----------|--------------|--|---|--|
| <i>(JA0006454-0000-18-411-H01-T)</i>   |              |                   |            |          |              |  | diagnosis, treatment, and resistance.   |  |
| <b>Hand Hygiene for Infection Control</b>  | 18-9015      | All               | 0.00       | US & CAN | 11/1/18      | Training   | This course reviews proper hand hygiene, including appropriate handwashing and use of alcohol-based hand rubs, to help prevent the spread of infections in both the healthcare and community settings.  | Training   |
| <b>Healthcare Professional Communication</b>   | 18-9016      | All               | 0.00       | US & CAN | 11/1/18      | Training   | This course provides tips and tools on developing and improving communication skills with other healthcare professionals. Effective communication will help improve patient care.   | Training   |
| <b>Ethical Issues in Pharmacy Practice</b>   | 18-9017      | All               | 0.00       | US & CAN | 11/1/18      | Training   | This course uses practical examples of ethical dilemmas frequently faced by pharmacists. These examples are used to help explain the eight principles of APHA's pharmacist Code of Ethics.  | Training   |
| <b>PL VOICES: Clinical Recommendation: Oct 2018 - Archived Webinar (JA0006454-0000-18-689-H01-P)</b> | 18-689       | RPh & Prescribers | 1.00       | US & CAN | 11/1/18      | Archived Webinar; Disease State Management/ Drug Therapy | Listen in to a previously recorded live webinar where our Editorial Board and experts discuss and debate the clinical recommendations that are ultimately published in our monthly letter.<br><b>(Topics: Influenza, Pregnancy)</b>                         | Iowa - Drug Therapy; Missouri - MTM; All others - General CE |
| <b>PL VOICES: Clinical Recommendation: Nov 2018 - Archived Webinar (JA0006454-0000-18-690-H01-P)</b> | 18-690       | RPh & Prescribers | 1.00       | US & CAN | 11/1/18      | Archived Webinar; Disease State Management/ Drug Therapy | Listen in to a previously recorded live webinar where our Editorial Board and experts discuss and debate the clinical recommendations that are ultimately published in our monthly letter.<br><b>(Topics: Endocarditis, Osteoporosis)</b>                   | Iowa - Drug Therapy; Missouri - MTM; All others - General CE |
| <b>PL CE Live: Sept Forum 2018 Archived Webinar (JA0006454-0000-18-609-H01-P)</b>                    | 18-609       | RPh & Tech        | 1.00       | US & CAN | 11/1/18      | Archived Webinar; Disease State Management/ Drug Therapy | Listen in to a previously recorded live webinar identifying emerging trends in drug therapy and their place in patient care practices. Presented by Pharmacists Letter editors.<br><b>(Topics: Antibiotics, Cardiology, Endocrinology, Lice, Menopause)</b> | Iowa - Drug Therapy; Missouri - MTM; All others - General CE |
| <b>PL CE Live: Oct Forum 2018 Archived Webinar</b>   | 18-610       | RPh & Tech        | 1.00       | US & CAN | 11/1/18      | Archived Webinar; Disease State                          | Listen in to a previously recorded live webinar identifying emerging trends in drug therapy and their place in patient care practices.  | Iowa - Drug Therapy; Missouri - MTM; All others - General CE |

| COURSE TITLE  | PRODUCT CODE | CREDIT TYPE | CREDIT HRS | COUNTRY  | RELEASE DATE                                | CATEGORIES                                      | COURSE DESCRIPTION  | STATE REQUIREMENTS MET  |
|---|--------------|-------------|------------|----------|---|---|---|---|
| (JA0006454-0000-18-610-H01-P)   |              |             |            |          |   | Management/ Drug Therapy                        | Presented by Pharmacists Letter editors.<br><b>(Topics: Antipsychotics, Depression, Endometriosis, Immunization)</b>  |   |
| <b>PL CE Live: September Forum 2018</b><br>(JA0006454-0000-18-509-L01-P)<br>(JA0006454-0000-18-509-L01-T) | 18-509       | RPh & Tech  | 1.00       | US & CAN | 11/14/18                                    | Live CE; Disease State Management/ Drug Therapy | A monthly live webinar identifying emerging trends in drug therapy and their place in patient care practices. Listeners have an opportunity to interact with Pharmacist's Letter editors as the monthly topics are discussed. | Live CE; Iowa - Drug Therapy; Missouri - MTM; All others - General CE |
| <b>PL CE Live: October Forum 2018</b><br>(JA0006454-0000-18-510-L01-P)<br>(JA0006454-0000-18-510-L01-T)   | 18-510       | RPh & Tech  | 1.00       | US & CAN | 11/14/18                                    | Live CE; Disease State Management/ Drug Therapy | A monthly live webinar identifying emerging trends in drug therapy and their place in patient care practices. Listeners have an opportunity to interact with Pharmacist's Letter editors as the monthly topics are discussed. | Live CE; Iowa - Drug Therapy; Missouri - MTM; All others - General CE |
| <b>PL CE Live: November Forum 2018</b><br>(JA0006454-0000-18-511-L01-P)<br>(JA0006454-0000-18-511-L01-T)  | 18-511       | RPh & Tech  | 1.00       | US & CAN | 11/6/18<br>11/10/18<br>11/27/18<br>11/29/18 | Live CE; Disease State Management/ Drug Therapy | A monthly live webinar identifying emerging trends in drug therapy and their place in patient care practices. Listeners have an opportunity to interact with Pharmacist's Letter editors as the monthly topics are discussed. | Live CE; Iowa - Drug Therapy; Missouri - MTM; All others - General CE |
| <b>PL VOICES: Clinical Recommendations - December 2018</b><br>(JA0006454-0000-18-591-L01-P)               | 18-591       | RPh & Tech  | 1.00       | US & CAN | 11/7/18                                     | Live CE; Disease State Management/ Drug Therapy | A live webinar where you can ask questions of our Editorial Board and experts as they discuss and debate the clinical recommendations that will ultimately be published in our monthly letter.                                | Live CE; Iowa - Drug Therapy; Missouri - MTM; All others - General CE |