



TRC HEALTHCARE – MONTHLY EXECUTIVE BRIEF

Insights:

Emerging Trends for Clinical Leadership

July 2019

IN THIS ISSUE

Practice Changing Pharmacy Updates



Managing Out-of-Stock Meds

Pain Point: Pharmacy Technicians may find it challenging to manage and prevent out-of-stocks, especially when factoring in drug shortages and recalls.

Solution: Our July article provides practical tips that techs can use to ensure patients get needed meds while keeping pharmacy inventory under control.

[Read the full article](#) in the July issue of *Pharmacy Technician's Letter*.

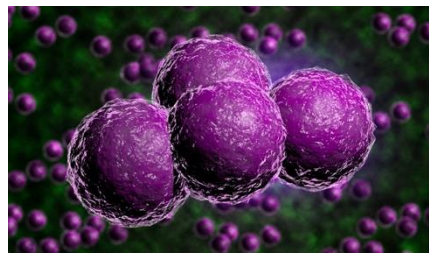
MRSA Bacteremia

Pain Point: Methicillin-resistant *Staphylococcus aureus* (MRSA) bacteremia continues to be a significant problem and is associated with a high mortality risk.

Concerns about resistance to first-line agent vancomycin, when to switch to the more expensive option of daptomycin, and debates on how to best dose daptomycin, have led to questions about the best treatment options for the condition.

Solution: The July *Hospital Pharmacist's Letter* article provides a stepwise approach for treating patients with MRSA bacteremia. It compares vancomycin and daptomycin, discusses their roles in therapy, and reviews when clinicians may see combination therapy tried in patients failing other options.

Read the [July article](#) now.



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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, or [email us](#).



Coming in August: Compounding

Pain Point: United States Pharmacopeia (USP) recently updated chapter <797> on sterile compounding and <795> on non-sterile compounding. There are many questions about the changes and how to best implement them, especially since compliance is expected by December 1, 2019.

Solution: Our upcoming August article reviews key changes in the updated guidelines and provides recommendations compliance. There will also be updated clinical resources and CE courses related to <797> and <795>.

View the full article in the upcoming August issue of *Hospital Pharmacist's Letter*.

Product Spotlight

Continuing Education

New Compounding Courses Now Available

In light of updates to USP <797> and <795>, many new and updated CE courses are now available, including:

- Managing Sterile Compounding
- Sterile Compounding and USP <797>
- Corrective Action and Preventative Action (CAPA) Plans for Sterile Compounding
- A Summary of Complex Non-sterile Compounding
- Using Aseptic Technique for Sterile Compounding
- Sterile Compounding: Quality Standards and Requirements
- Complex Non-sterile Compounding of Oral Dosage Forms
- Non-sterile Compounding of Topical Dosage Forms
- Maintaining Environmental Processes for Sterile Compounding

More compounding-related courses will be available throughout the rest of the year. Check the course catalog in your *Letter* product for complete details or to register.

New and Improved: The TRC Healthcare Website

HEAD'S UP: NEW WEBINAR NAMING

We recently refreshed the names our live and on-demand CE webinars to better reflect what you can expect in terms of content and take-aways. Check out the changes:

Pharmacy Essential Updates (formerly known as *PL CE Live*)

- Learn from an in-depth discussion of the month's leading topics, plus how to incorporate recommendations into daily practice. Listeners have an opportunity to interact.

Emerging Recommendations Panel (formerly known as *PL Voices: Clinical Recommendations*)

- Listen as TRC editors and our community of experts debate clinical recommendations that will be published in future *Letter* issues. Listeners have an opportunity to interact.

The new TRC Healthcare website launched last month, making it even easier to learn about, review, and purchase TRC products and offerings.

The updated clean, intuitive, and mobile-friendly design allows you to quickly find information about our *Letter* products and compare which solutions are right for your organization. Individual subscribers can purchase subscriptions instantly with just a few clicks.

You'll also find helpful resources, including links to archived webinars, featured article and resource examples, and a list of events and other noteworthy TRC news.

See what's new by visiting trchealthcare.com.

News & Events

Upcoming Webinars

Hot Topic Webcast:

"Formoterol/Inhaled Corticosteroid Combos PRN for Adults with Mild Asthma." July 25, 12 PM Eastern / 9 AM Pacific. [Register now](#).

Emerging Recommendations Panel

July 2019: (Formerly *PL Voices Clinical Recommendations*) July 16, 8 PM Eastern / 5 PM Pacific. Check the course library in your *Letter* product to register.

Upcoming Events

National Association of Chain Drug Stores (NACDS) Total Store Expo

August 25-26, Boston, MA
Booth 1108

Health Connect Partners (HCP) Fall Hospital Pharmacy Conference

October 28-30, Kansas City, MO
Booth 407

American Society of Health-System Pharmacists (ASHP) Midyear Meeting & Exhibition

December 9-11, Las Vegas, NV
Booth 1166

Missed a webinar this year and want to catch up? [Visit News & Resources on our new website](#) for links to past webinars and webcasts, as well as archived issues of this newsletter, a full list of upcoming events, and press releases.

Continuing Education

TRC's accredited learning center for medication management offers **continuing education in 13 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 below that have renewal periods in the current/coming months, as well as ongoing state and national requirements. View details for each state, as well as a list of associated continuing education courses available to meet requirements [here](#).

July	Ongoing	National
Minnesota Vermont	California Maryland New Mexico New York Tennessee Texas Washington	PTCB NHA



New Continuing Education Courses

COURSE TITLE	PRODUCT CODE	CREDIT TYPE	CREDIT HRS	COUNTRY	RELEASE DATE	CATEGORIES	COURSE DESCRIPTION	STATE REQUIREMENTS MET
CME-in-the-Letter: July 2019	19-1007 (PRL) 19-1027 (PRLH) 19-2007 (NL)	MD, DO, PA, NP, RN	1.00	US & CAN	7/1/19	Disease State Management/ Drug Therapy	Especially for physician, nursing, and physician assistant prescribers . Timely, evidence-based recommendations you can use in your practice to improve patient outcomes.	Pharmacotherapy CE; General CME
CE-in-the-Letter: July 2019	19-707 (PL) 19-727 (PLH) 19-747 (PLC) 19-807 (PTL) 19-827 (PTLH) 19-847 (PTLC)	RPh & Tech	1.00	US & CAN	7/1/19	Disease State Management/ Drug Therapy	Especially for pharmacists and pharmacy technicians . Relevant, evidence-based recommendations you can use in your pharmacy setting to help improve patient care.	Iowa - Drug Therapy; Missouri - MTM; All others - General CE
Natural Medicines in Geriatric Patients (JA0006454-0000-19-107-H01-P)	19-107	RPh, MD, DO, PA, NP, RN	1.00	US & CAN	7/1/19	Disease State Management/ Drug Therapy	This course summarizes evidence for use of natural medicines in geriatric patients. Natural medicines that are unsafe to use in geriatric patients are also reviewed.	Iowa - Drug Therapy; Missouri - MTM; All others - General CE
Managing the Renally-Compromised Patient (JA0006454-0000-19-218-H01-P)	19-218	RPh	1.00	US & CAN	7/1/19	Disease State Management/ Drug Therapy Hospital/Specialty	This course discusses the management of medications in the renally-compromised patient, including kidney function calculations and how to use them to guide medication dosing, how kidney impairment can impact medications, and how to adjust medications for patients with renal impairment and on renal replacement therapy.	Iowa - Drug Therapy; Missouri - MTM; All others - General CE
Tiniest Patients - Managing Meds in the NICU (JA0006454-0000-19-219-H01-P)	19-219	RPh	1.00	US & CAN	7/1/19	Disease State Management/ Drug Therapy Hospital/Specialty	This course provides an overview to help pharmacists develop skills needed to appropriately review and prepare medication orders for neonatal patients.	Iowa - Drug Therapy; Missouri - MTM; All others - General CE
Compounding: Managing Sterile Compounding (JA0006454-0000-19-227-H07-P) (JA0006454-0000-19-227-H07-T)	19-227	RPh	1.00	US & CAN	7/20/19	Compliance, Compounding, General Pharmacy	This course discusses strategies to optimize sterile compounding, including establishing policies and procedures, calculations, patient counseling, and patient adherence.	Iowa - General CE; Compounding; Sterile Compounding; Massachusetts - Sterile Compounding; Texas - Sterile Compounding; All others - General CE

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Compounding: Sterile Compounding and USP Chapter <797> (JA0006454-0000-19-314-H07-P) (JA0006454-0000-19-314-H07-T)	19-314	RPh & Tech	1.00	US & CAN	7/20/19	Compliance, Compounding, General Pharmacy	This course reviews sterile compounding guidelines from USP General Chapter <797>.	Iowa - General CE; Compounding; Sterile Compounding; Massachusetts - Sterile Compounding; Texas - Sterile Compounding; All others - General CE
Compounding: Corrective Action and Preventative Action (CAPA) Plans for Sterile Compounding (JA0006454-0000-19-316-H07-P) (JA0006454-0000-19-316-H07-T)	19-316	RPh & Tech	1.00	US & CAN	7/20/19	Compliance, Compounding, General Pharmacy	This course discusses issues regarding quality assurance of sterile compounded preparations. It includes information on quality assurance programs, standard operating procedures, and corrective action/preventative action plans for sterile compounding.	Iowa - General CE; Compounding; Sterile Compounding; Massachusetts - Sterile Compounding; Texas - Sterile Compounding; All others - General CE
Compounding: A Summary of Complex Nonsterile Compounding (JA0006454-0000-19-317-H07-P) (JA0006454-0000-19-317-H07-T)	19-317	RPh & Tech	1.00	US & CAN	7/20/19	Compliance, Compounding, General Pharmacy	This course provides a brief overview of complex nonsterile compounding, including appropriate handling of pharmaceutical ingredients and the types of compounding equipment used.	Iowa - General CE; Compounding; Massachusetts - Complex Nonsterile Compounding; All others - General CE
Compounding: Using Aseptic Technique for Sterile Compounding (JA0006454-0000-19-318-H07-P) (JA0006454-0000-19-318-H07-T)	19-318	RPh & Tech	1.00	US & CAN	7/20/19	Compliance, Compounding, General Pharmacy	This course focuses on the basics of sterile compounding and aseptic technique. It provides a general overview of environmental and equipment considerations in sterile compounding, as well as information on categories of sterile preparations, beyond-use dating, and aseptic techniques.	Iowa - General CE; Compounding; Sterile Compounding; Massachusetts - Sterile Compounding; Texas - Sterile Compounding; All others - General CE
Sterile Compounding: Quality Standards and Requirements (JA0006454-0000-19-319-H07-P) (JA0006454-0000-19-319-H07-T)	19-319	RPh & Tech	1.00	US & CAN	7/20/19	Compliance, Compounding, General Pharmacy	This course discusses sterile compounding and outlines standards for facility design, storage requirements, and continuous quality improvement for locations where compounded sterile products are made.	Iowa - General CE; Compounding; Sterile Compounding; Massachusetts - Sterile Compounding; Texas - Sterile Compounding; All others - General CE
Compounding: Complex Nonsterile Compounding of Oral Dosage Forms (JA0006454-0000-19-320-H07-P) (JA0006454-0000-19-320-H07-T)	19-320	RPh & Tech	1.00	US & CAN	7/20/19	Compliance, Compounding, General Pharmacy	This course reviews complex nonsterile compounding of various oral dosage forms including capsules, solutions, suspension, lollipops, and troches.	Iowa - General CE; Compounding; Massachusetts - Complex Nonsterile Compounding; All others - General CE
Complex Non-Sterile Compounding of Topical Dosage	19-321	RPh & Tech	1.00	US & CAN	7/20/19	Compliance, Compounding,	This course discusses proper complex non-sterile compounding of various topical dosage forms	Iowa - General CE; Compounding; Massachusetts - Complex Nonsterile

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Forms (JA0006454-0000-19-321-H07-P) (JA0006454-0000-19-321-H07-T)						General Pharmacy	including dry powders, sticks, creams, and gels.	Compounding; All others - General CE
Compounding: Maintaining Environmental Processes for Sterile Compounding (JA0006454-0000-19-329-H07-P) (JA0006454-0000-19-329-H07-T)	19-329	RPh & Tech	1.00	US & CAN	7/20/19	Compliance, Compounding, General Pharmacy	This course discusses standards and processes required within a pharmacy to consistently create sterile compounded preparations. It includes information on equipment, aseptic technique, environmental cleaning and monitoring, and personnel training.	Iowa - General CE; Compounding; Sterile Compounding; Massachusetts - Sterile Compounding; Texas - Sterile Compounding; All others - General CE
PL CE Live (On Demand) May 2019 (JA0006454-0000-19-605-H01-P)	19-605	RPh & Tech	1.00	US & CAN	7/1/19	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. (Topics: Aspirin, Beta-Blockers, Dermatology, Ophthalmology, Parkinson's Disease)	Iowa - Drug Therapy; Missouri - MTM; All others - General CE
PL Voices Clinical Recommendations (On Demand) 2019-05 (JA0006454-0000-19-684-H01-P)	19-684	RPh & Pre-scriber	1.00	US & CAN	7/1/19	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. (Topics: Antithrombotics, Asthma, Beta Blockers, COPD)	Iowa - Drug Therapy; Missouri - MTM; All others - General CE
PL Voices Clinical Recommendations (On Demand) 2019-06 (JA0006454-0000-19-685-H01-P)	19-685	RPh & Pre-scriber	1.00	US & CAN	7/1/19	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. (Topics: Gastroenterology, Opioids)	Iowa - Drug Therapy; Missouri - MTM; All others - General CE
PL CE Live: May Forum 2019 (JA0006454-0000-19-505-L01-P) (JA0006454-0000-19-505-L01-T)	19-505	RPh & Tech	1.00	US & CAN	7/23/19	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 Pharmacists Letter editors as the monthly topics are discussed.	Live CE; Iowa - Drug Therapy; Missouri - MTM; All others - General CE
PL CE Live: June Forum 2019 (JA0006454-0000-19-506-L01-P)	19-506	RPh & Tech	1.00	US & CAN	7/23/19	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	Live CE; Iowa - Drug Therapy; Missouri - MTM;

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(JA0006454-0000-19-506-L01-T)							to interact with Pharmacist's Letter editors as the monthly topics are discussed.	All others - General CE
Pharmacy Essential Updates: July Forum 2019 (JA0006454-0000-19-507-L01-P) (JA0006454-0000-19-507-L01-T)	19-507	RPh & Tech	1.00	US & CAN	7/11/19 7/13/19 7/17/19 7/30/17	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
Emerging Recommendations Panel July 2019 (JA0006454-0000-19-587-L01-P)	19-587	RPh & Pre-scriber	1.00	US & CAN	7/16/19	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