



Insights:

Emerging Trends for Clinical Leadership

April 2020

TRC HEALTHCARE – MONTHLY EXECUTIVE BRIEF

IN THIS ISSUE

Practice- Changing Pharmacy Updates

Discourage Inappropriate Outpatient Use of Meds for COVID-19

Pain Point: Conflicting and anecdotal info in the news means patients will rely on clinicians for the bottom line on which meds treat or prevent COVID-19.

Solution: This month, *Pharmacist's Letter* continues to focus on delivering guidance and recommendations based on the most recent, evidence-based info available.

Get the latest on meds such as chloroquine, hydroxychloroquine, remdesivir, azithromycin, sarilumab, and more.

Plus, access our popular chart, "COVID-19 and Pharmacotherapy" for resources and info on pharmacotherapy of interest for COVID-19, as well as answers to common questions about treatment options.

[Read the new article](#) now.



Guide Safe Use of Ketamine

Pain Point: Hospital pharmacists will get more questions about the safe use of IV ketamine as interest grows for a myriad of uses, such as ICU sedation, acute pain, and more.

Solution: This April *Hospital Pharmacist's Letter* article delivers practical advice to help guide the safe use of ketamine, including example scenarios for use or avoidance of the drug, reducing the risk of emergence reactions, developing order sets and protocols, and more.

[Read the full article](#) now.

TRC is committed to supporting clinical teams during this pandemic. All of our existing and emerging COVID-19-related clinical resources and articles are now available in our new [COVID-19 Resource Hub](#) (complimentary access, no subscription required).

Check out the next page to learn more about the hub.

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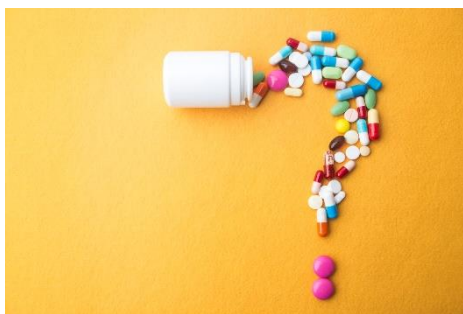
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Want More? [Access the Current Issue\(s\)](#)

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 subscriptions. 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](#).



Dispel Misinformation Over Meds and Supplements for COVID-19

Pain Point: The scramble to control the spread of COVID-19 will stir up misinformation about meds and supplements.

Solution: This month's featured *Pharmacist's Letter* article delivers practical advice for clear up

confusion and help reassure patients with regard to ACEIs and ARBs, NSAIDs, and supplements that contain vitamin C, vitamin D, zinc, echinacea, elderberry, etc.

Read the full *Pharmacist's Letter* article [here](#).

Also check out the new [COVID-19 Advisory](#) tool in *Natural Medicines* for supplement-related info.

Spotlight

COVID-19 Resource Hub

Free Articles, Tables, Charts, and More

Now available across all *Letter* products, the new Coronavirus (COVID-19) Resource Hub is free to access (no subscription required).

The Resource Hub contains the latest clinical resources available from TRC, as well as links to helpful external resources from trusted sources like the CDC, Johns Hopkins, ASHP, AAPA, and more.

In addition to the complimentary resources, subscribers can access COVID-19-related CE/CME, including on-demand and live webinars.

[Visit the Resource Hub now](#) to check out what's new.

HOSPITAL / ICU-SPECIFIC RESOURCES

For hospitals with more ICU patients than normal, these resources may be helpful for pharmacists asked to assist in ICU care who are less comfortable with managing critically-ill patients:

- [ABCDEF Bundle for Pain, Agitation, Delirium for ICU Patients](#)
- [Vasopressors for Shock](#)
- [Preventing and Treating Delirium in Inpatients](#)
- [Neuromuscular Blockers in Adult Patients](#)
- [Extracorporeal Membrane Oxygenation \(ECMO\)](#)
- Home study CE courses, "Adult ICU Patients" and "Code Blue Meds"

Upcoming Articles Preview

We'll continue to deliver helpful COVID-19-related updates and recommendations, plus topics such as:

Pharmacist's Letter: Managing mental health during emergencies; treating insomnia; managing drug shortages

Hospital Pharmacist's Letter: Streamlining med admin to limit access to rooms; using AUC/MIC calculations for vancomycin monitoring; optimizing non-face-to-face patient encounters

Pharmacy Technician's Letter: Managing supply issues with albuterol inhalers, hydroxychloroquine, and other meds; focusing on customer service and empathy

Prescriber's Letter: Telemedicine and mental health

Sign up for Free Clinical Resources

Click the button below to join our mailing list to receive invitations to free clinical webinars and complimentary resources in your area of interest.



News & Events

Upcoming Webinars

Hot Topic Webcast: "Addressing Mental Health Concerns During COVID-19." May 21st, 12 PM Eastern. Registration coming soon.

Emerging Recommendations Panel

May 2020: (Formerly "PL Voices Clinical Recommendations") May 21st, 8 PM Eastern.

Click on "Live CE Calendar" on the "CE & Training" tab in your *Letter* product to register.

Upcoming Events

Health Connect Partners (HCP) Spring Hospital Pharmacy Conference

Our team will participate in the virtual Reverse Expo sessions on June 2-4 and 9-11.

Also during the event, an on-demand, CE-eligible presentation on "ISMP Top Med Errors and Targeted Best Practices" will be available from TRC Editor Brea Rowan, PharmD, BCPS.



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](#).

May	Ongoing	National
Wisconsin	California	PTCB
	Maryland	NHA
June	New Mexico	
Alaska	New York	
Iowa	Tennessee	
Kansas	Texas	
Louisiana	Washington	
Michigan		
Montana		
Oregon		
Rhode Island		
South Carolina		
West Virginia		



New Continuing Education Courses

COURSE TITLE	PRODUCT CODE	CREDIT TYPE	CREDIT HRS	COUNTRY	RELEASE DATE	CATEGORIES	COURSE DESCRIPTION	STATE REQUIREMENTS MET
Prescriber's Letter CME-in-the-Letter: March 2020	20-1004	MD, DO, PA, NP, RN	1.00	US & CAN	3/31/20	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
Pharmacist's Letter CE-in-the-Letter: March 2020	20-704	RPh	1.00	US	3/31/20	Disease State Management/ Drug Therapy	Especially for pharmacists . 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
Pharmacy Technician's Letter CE-in-the-Letter: March 2020	20-804	Tech	1.00	US	3/31/20	Disease State Management/ Drug Therapy	Especially for 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
Canadian Pharmacist's Letter CE-in-the-Letter: March 2020	20-744	RPh	1.00	CAN	4/2/20	Disease State Management/ Drug Therapy	Especially for pharmacists . Relevant, evidence-based recommendations you can use in your pharmacy setting to help improve patient care.	General CE
Canadian Pharmacy Technician's Letter CE-in-the-Letter: March 2020	20-844	Tech	1.00	CAN	4/2/20	Disease State Management/ Drug Therapy	Especially for pharmacy technicians . Relevant, evidence-based recommendations you can use in your pharmacy setting to help improve patient care.	General CE
Hospital Prescriber's Letter CME-in-the-Letter: March 2020	20-1024	MD, DO, PA, NP, RN	1.00	US & CAN	4/7/20	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
Hospital Pharmacist's Letter CE-in-the-Letter: March 2020	20-724	RPh	1.00	US	4/7/20	Disease State Management/ Drug Therapy	Especially for pharmacists . 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
Hospital Pharmacy Technician's Letter CE-in-the-Letter: March 2020	20-824	Tech	1.00	US	4/7/20	Disease State Management/ Drug Therapy	Especially for 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
Using Naloxone for Opioid Rescue Therapy (JA0006454-0000-20-203-H08-P)	20-203	RPh	2.00	US & CAN	4/1/20	Pain Management	This course discusses the opioid overdose epidemic, including the mechanisms of overdose, risk factors, opioid use reduction strategies, and naloxone therapy (including	Opioids; Pain Management; All others General CE

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							its mechanism, risks, benefits, formulations, etc.). The course also provides information to help educate patients and caregivers about identification of opioid overdose and how to manage an overdose situation.	
Immunization Update 2020: Part 1 (JA0006454-0000-20-211-H06-P)	20-211	RPh	1.00	US & CAN	4/1/20	Immunization	This course guides pharmacists on how to navigate child and adult immunization schedules. It also reviews routine vaccine indications, vaccine contraindications and precautions, and ways to engage and encourage patients to get vaccinated.	Immunization; All others - General CE
Immunization Update 2020: Part 2 (JA0006454-0000-20-209-H06-P)	20-209	RPh	1.00	US & CAN	4/1/20	Immunization	This course focuses on the safe use of vaccines by covering proper administration techniques, management of vaccine adverse events, and appropriate storage and handling of vaccines.	Immunization; All others - General CE
Immunization Update 2020: Part 3 (JA0006454-0000-20-212-H06-P)	20-212	RPh	1.00	US & CAN	4/1/20	Immunization	This course focuses on the safe use of vaccines by covering proper administration techniques, management of vaccine adverse events, and appropriate storage and handling of vaccines.	Immunization; All others - General CE
Using Opioids Safely (JA0006454-0000-20-204-H08-P)	20-204	RPh	1.00	US & CAN	4/1/20	Pain Management	This course discusses how a pharmacist can help patients use opioids safely. It covers the risks of opioids including various formulations, specific opioids, adverse effects, drug interactions, and opioid allergy.	Opioids; Pain Management; All others General CE
Pediatric Pharmacy Introduction (JA0006454-0000-20-207-H04-P)	20-207	RPh	1.00	US & CAN	4/1/20	General	This course gives an overview of medication management in pediatric patients, including pharmacokinetic considerations, common calculations, and error prevention.	Iowa - General CE; All others - General CE
COVID-19: What Pharmacy Teams Need to Know: On Demand (JA0006454-0000-20-620-H01-P)	20-620	RPh & Tech	1.00	US & CAN	4/6/20	Disease State Management/ Drug Therapy	Listen to our webinar, "COVID-19: What Pharmacy Teams Need to Know" to hear our panelists discuss the impact of the novel coronavirus COVID-19 on pharmacy teams, including practical considerations for protecting	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
(JA0006454-0000-20-620-H01-T)							employees and patients. You'll get the truth behind whether certain medications can worsen COVID-19, or if any supplements help prevent it. Plus, listen in as panelists discuss cutting-edge updates about medications under investigation for treatment of COVID-19.	
Pharmacy Essential Updates: January 2020 (JA0006454-0000-20-501-L01-P) (JA0006454-0000-20-501-L01-T)	20-501	RPh & Tech	1.00	US & CAN	4/29/20	Live CE; Disease State Management/ Drug Therapy	Learn from this in-depth review and discussion of the month's leading article topics and learn how to incorporate recommendations from the issue into your daily practice. This webinar is appropriate for Pharmacists and Technicians and is accredited by ACPE. This is a subscriber-only activity. Each monthly episode of the series is archived after the live viewing and is then available on-demand.	Live CE; Iowa - Drug Therapy; Missouri - MTM; All others - General CE
Pharmacy Essential Updates: February 2020 (JA0006454-0000-20-502-L01-P) (JA0006454-0000-20-502-L01-T)	20-502	RPh & Tech	1.00	US & CAN	4/30/20	Live CE; Disease State Management/ Drug Therapy	Learn from this in-depth review and discussion of the month's leading article topics and learn how to incorporate recommendations from the issue into your daily practice. This webinar is appropriate for Pharmacists and Technicians and is accredited by ACPE. This is a subscriber-only activity. Each monthly episode of the series is archived after the live viewing and is then available on-demand.	Live CE; Iowa - Drug Therapy; Missouri - MTM; All others - General CE
Pharmacy Essential Updates: March 2020 (JA0006454-0000-20-503-L01-P) (JA0006454-0000-20-503-L01-T)	20-503	RPh & Tech	1.00	US & CAN	4/30/20	Live CE; Disease State Management/ Drug Therapy	Learn from this in-depth review and discussion of the month's leading article topics and learn how to incorporate recommendations from the issue into your daily practice. This webinar is appropriate for Pharmacists and Technicians and is accredited by ACPE. This is a subscriber-only activity. Each monthly episode of the series is archived after the live viewing and is then available on-demand.	Live CE; Iowa - Drug Therapy; Missouri - MTM; All others - General CE
Pharmacy Essential Updates: April 2020 (JA0006454-0000-20-504-L01-P)	20-504	RPh & Tech	1.00	US & CAN	4/14/20 4/18/20 4/21/20	Live CE; Disease State Management/ Drug Therapy	Learn from this in-depth review and discussion of the month's leading article topics and learn how to incorporate recommendations from the issue into your daily practice.	Live CE; 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
(JA0006454-0000-20-504-L01-T)							This webinar is appropriate for Pharmacists and Technicians and is accredited by ACPE. This is a subscriber-only activity. Each monthly episode of the series is archived after the live viewing and is then available on-demand.	
COVID-19: What Pharmacy Teams Need to Know (JA0006454-0000-20-520-L01-P) (JA0006454-0000-20-520-L01-T)	20-520	RPh & Tech	1.00	US & CAN	4/2/20	Live CE; Disease State Management/ Drug Therapy	In this live webinar, COVID-19: What Pharmacy Teams Need to Know, you'll hear our panelists discuss the impact of the novel coronavirus COVID-19 on pharmacy teams, including practical considerations for protecting employees and patients. You'll get the truth behind whether certain medications can worsen COVID-19, or if any supplements help prevent it. And you'll listen in as our panelists discuss cutting-edge updates about medications under investigation for treatment of COVID-19.	Live CE; Iowa - Drug Therapy; Missouri - MTM; All others - General CE
Emerging Recommendation Panel: April 2020 (JA0006454-0000-20-584-L01-P)	20-584	RPh & Pre-scriber	1.00	US & CAN	4/23/20	Live CE; Disease State Management/ Drug Therapy	Listen in as TRC Editorial staff and our community of expert advisors discuss and debate the clinical recommendations that will be published in the next issue of the monthly Letter. This webinar is appropriate for Pharmacists, Advanced Practitioners and Physicians and is accredited by ACPE and ACCME. This is a premium, subscriber-only activity. Each monthly episode of the series is archived after the live viewing and is then available on-demand.	Live CE; Iowa - Drug Therapy; Missouri - MTM; All others - General CE