

Practice-Changing Pharmacy Updates: Pain Points & Solutions

Calm the Hype About New Cannabinoids

⚠ Pain Point: New cannabinoids are crowding into the market. For instance, CBC (cannabichromene) is touted for pain, CBN (cannabinol) for sleep, and CBDV (cannabidivarin) or CBG (cannabigerol) for GI problems. Clinicians need to understand how these “minor” cannabinoids stack up to CBD (cannabidiol) and THC. They need to be ready to discuss possible benefits and risks with patients.



🌀 Solution: Our [Pharmacist’s Letter](#), [Pharmacy Technician’s Letter](#), [Prescriber’s Letter](#), [Hospital Pharmacy Technician’s Letter](#), [Hospital Pharmacist’s Letter](#), [Pharmacist’s Letter Canada](#), and [Pharmacy Technician’s Letter Canada](#) articles summarize the efficacy, safety, and legality of new cannabinoids to put the hype into perspective. Recommendations are provided regarding drug interactions, adverse effects, use in pregnant or breastfeeding patients, and considerations with urine drug testing. You can find answers to other frequently asked questions in our [Comparison of Cannabinoids](#) resource.

IN THIS ISSUE

- [Practice-Changing Updates](#) 1
- [Product Spotlight](#)..... 2
- [Diabetes Resource Hub](#)..... 2
- [News & Events](#)..... 3
- [Continuing Education](#) 3
- [April CE Course Catalog](#)..... 3
- Free Download!**

Community Pharmacies

Expect to Vaccinate More Adults Against Shingles and Hep B

⚠ Pain Point: CDC’s 2022 immunization schedule is raising questions about which adults should get shingles and hepatitis B vaccines. More patients are now eligible for these vaccines, and pharmacists and pharmacy technicians are on the front lines to identify patients who need these immunizations.

🌀 Solution: Our [Pharmacist’s Letter](#), [Pharmacy Technician’s Letter](#), [Pharmacist’s Letter Canada](#), and [Pharmacy Technician’s Letter Canada](#) articles highlight the changes to which adults should be vaccinated against shingles and hepatitis B so that vaccinations can be recommended and provided. A discussion of benefits vs. risks is offered, and guidance is given about vaccine choice, dosing, etc. Frequently asked questions about coadministration, use in pregnancy, and other topics are answered in our [Shingles Vaccine](#) and [Hep B Vaccination in Adults](#) resource.

Hospital Pharmacies

Improve Parenteral Nutrition Safety

⚠ Pain Point: Parenteral nutrition is a high-alert medication, which means any errors have a high risk of causing patient harm. In addition, compounding these formulations that can contain around 10 different ingredients is a complicated process. Some pharmacies will outsource parenteral nutrition compounding, while others will compound in-house. Regardless of how parenteral nutrition orders are handled, it’s important to use multiple safety strategies to reduce the risk of dangerous errors.

🌀 Solution: Our [Hospital Pharmacy Technician’s Letter](#) and [Hospital Pharmacist’s Letter](#) articles include information on the usual ingredients of parenteral nutrition. The articles also encompass operational safety from ordering to compounding to dispensing. We advise hospital pharmacy staff on how to reduce error risk with parenteral nutrition and point out what to watch for that could indicate there is an issue. We offer a new clinical resource, [Parenteral Nutrition Safety](#), to provide readers with a more detailed checklist of best practices.

Natural Medicines

The Latest on Natural Insect and Tick Repellents

⚠ Pain Point: Now that spring has arrived, there will be renewed interest in insect repellents, from classic “bug sprays” to natural alternatives. The evidence supporting (or not supporting) the use of natural repellents is all over the place. In this [article](#), we provide guidance related to the most popular products.

🌀 Solution: There are many popular ‘natural’ insect repellents, including lemon eucalyptus oil, soybean oil, citronella oil, and peppermint oil. But only the first two oils have any strong evidence to support their use. And most research suggests that these products should not be used alone, especially for repelling ticks. We discuss how these products compare with traditional bug sprays, such as DEET, and how long their effects seem to last after application.

Product Spotlight: PTU Elite: Controlled Substances & Diversion

We just launched a new program under [PTU Elite](#), our robust training suite aimed to provide lifelong learning for experienced pharmacy technicians.

[PTU Elite: Controlled Substances & Diversion](#) is a training program designed to help technicians identify and prevent diversion and the misuse of controlled substances. With 10-15% of healthcare workers affected by substance abuse, well-trained pharmacy technicians can play a key roll in prevention.



This program is a convenient and engaging training resource that gives pharmacy technicians essential knowledge of controlled substances and Drug Enforcement Administration (DEA) requirements.

A four-hour, online training program, [PTU Elite: Controlled Substances & Diversion](#) covers various topics ranging from best practices for filling prescriptions to recordkeeping to identifying impaired coworkers.

Key benefits your pharmacy will gain are:

- Greater retention of pharmacy technicians
- Strengthened trust
- Reduction in inventory loss
- Improved public health

Empower your pharmacy technicians with this essential training and help minimize your pharmacy’s exposure to liabilities and legal action.

Get Started Today!

Diabetes Resource Hub

Our Diabetes Recourse Hub provides recommendations, charts, and other resources to help patients use diabetes medications safely, reach A1C goals, and stay healthy. Resources include:

- Article: [Implement Safeguards for U-500 Insulin](#)
- Chart: [Drugs for Type 2 Diabetes](#)
- FAQ: [Prediabetes FAQs](#)

Check Out the Diabetes Resource Hub



News & Events



Hot Topic Webinar

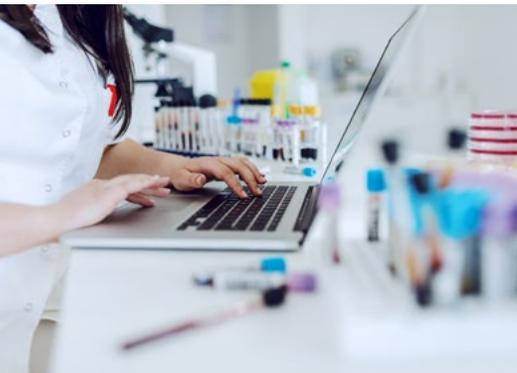
We have a new webinar available on demand that features an expert panel discussion and clinical guidance on ***Demystifying Homeopathic Products***. Listen as Chelsey McIntyre, PharmD and other panelists discuss and answer common clinical questions, Click [here](#) to watch for free.

[Check out our other on-demand webinars here.](#)

Our Most Popular Charts for April



- Hospital Pharmacist's Letter: [Tapering Critical Care Analgesics and Sedatives](#)
- Hospital Pharmacy Technician's Letter: [IV Fluid Safety: Focus on Hypo- and Hypertonic Fluids](#)
- Pharmacist's Letter: [Homeopathic Products](#)
- Pharmacist's Letter Canada: [Meds That Can Increase Blood Pressure](#)
- Pharmacy Technician's Letter: [Urine Drug Testing](#)
- Pharmacy Technician's Letter Canada: [Med Use in Myasthenia Gravis](#)
- Prescriber's Letter: [Drugs to Prevent Migraine in Adults](#)



Continuing Education

TRC Healthcare'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



FREE DOWNLOAD! APRIL CE COURSE CATALOG

Check out our latest CE Course Catalog featuring new courses offered for April, general CE, live CE/CME, patient safety, and more!

[Click here to download](#)

