

## Pharmacy | tech topics™

by Illinois Council of Health-System Pharmacists



## Two Convenient Options

- **Online only orders**
  - Electronic modules on [www.pharmacytechtopics.com](http://www.pharmacytechtopics.com)
  - New modules added quarterly
- **Paper by mail orders**
  - Paper modules delivered to your mailbox quarterly

## 2023 MODULES

- **January 2023**  
(patient safety module)
  - A Review of 2022-2023 ISMP Targeted Medication Safety Best Practices
- **April 2023**
  - Procuring and Processing Specialty Medication Orders
- **July 2023**
  - FUNdamentals with Pharmacy Math
- **October 2023**
  - Non-Sterile Compounding Changes Ahead: Products, Preparations and Planning

- If you miss any questions on your test, we let you know which questions were wrong.
- If you pass your test (70% or better) but missed any questions, we provide you with the correct answers. This will help you complete the learning process.
- Unlimited test retakes – online or paper

## TEST FEEDBACK

- Customers can pick and choose any 4 or 8 modules at a discounted rate. Choose the topics that you are most interested in.

## CONVENIENT BUNDLE PRICING

by Illinois Council of Health-System Pharmacists

Pharmacy | tech topics™

4055 N. Perryville Road  
Loves Park, IL 61111-8653

PRESORTED  
STANDARD  
U.S. POSTAGE  
PAID  
ROCKFORD IL  
PERMIT NO. 858

# Pharmacy | tech topics™

by Illinois Council of Health-System Pharmacists

Pharmacy Tech Topics™ is an education service that publishes four modules of home-study continuing pharmacy education (CPE) each year for certified pharmacy technicians. Upon successful completion of each module's post-test (70% or better), 2.5 contact hours of ACPE accredited continuing pharmacy education credit will be awarded. This continuing pharmacy education credit meets the requirements of the Pharmacy Technician Certification Board (PTCB).

## Designed Specifically for the Certified Pharmacy Technician!

**Eight Pharmacy Tech Topics™ modules fulfill all of PTCB's recertification requirements (twenty contact hours of technician-specific CPE, including law and patient safety credit)!**

Each Pharmacy Tech Topics™ module contains written continuing pharmacy education with learning objectives, references, a post-test, and an educational evaluation form. We automatically report your credit hours to CPE Monitor for each successfully completed module.

Pharmacy Tech Topics™ modules are authored by leading experts in their field, and address the latest disease management and operational issues. **Module topics are based on subscriber input.** The Pharmacy Tech Topics™ Steering Committee uses your suggestions to develop future modules. On the right is a tentative order of release for the 2023 Pharmacy Tech Topics™ modules. **Variations in programming may occur.**

All print and online customers who take the post-test online must complete a 5-question PRE-TEST before accessing the module, post-test and evaluation. This is for outcomes analysis only and has no impact on your grade or credit.

## What our subscribers are saying...

"I love Tech Topics! It's a one-stop-shop for me to cover all required topics for recertification."

"Keep the information coming! The modules are not too wordy or lengthy - I get so much out of reading them!"

"You guys are GREAT!!! All the home study topics have been well written and very interesting and helpful in my field of pharmacy."

"I enjoy your product. The topics are current and interesting. They are well written and you always make sure to offer the courses I need to renew my license."

"I love the program! Super easy! And affordable!"

"As I was studying this module, I thought 'Why have I never been taught this in the past?' I've been a technician for 6 years, and this is the first I've heard of any of this. Thank you for teaching about it." (Advocacy module)

"Clear, concise, complete CE modules."



## 2020, 2021 & 2022 MODULES ARE STILL AVAILABLE!

Tests must be received by the expiration dates to receive continuing pharmacy education credit.

2020 TOPICS	EXPIRES	2021 TOPICS	EXPIRES	2022 TOPICS	EXPIRES
		Volume 26 No. 1   January 2021 Know Before You Throw: Pharmaceutical Waste and Drug Disposal** .....12/31/23		Volume 27 No. 1   January 2022 Becoming a Pharmacy Advocacy Champion: Strategies and Pearls* .....12/31/24	
Volume 25 No. 2   April 2020 Pediatric Immunizations ..... 3/31/23		Volume 26 No. 2   April 2021 Dementia and Alzheimer's Disease - What to Know and Remember ..... 3/31/24		Volume 27 No. 2   April 2022 Asthma: A Treatment and Delivery Device Update ..... 3/31/25	
Volume 25 No. 3   July 2020 Non-Prescription Options in Pain Management .....6/30/23		Volume 26 No. 3   July 2021 A Comprehensive Review of Medication Reconciliation for Pharmacy Technicians .....6/30/24		Volume 27 No. 3   July 2022 PAR for the Course: Pharmacy Inventory Management Solutions .....6/30/25	
Volume 25 No. 4   October 2020 HIV Treatment and Prophylaxis ..... 9/30/23		Volume 26 No. 4   October 2021 Breaking Down New Drug Approvals and Biosimilars 2021 ..... 9/30/24		Volume 27 No. 4   October 2022 What Pharmacy Technicians Need to Know About Anticoagulation Therapy ..... 9/30/25	

\*This module provides 2.5 contact hours of law continuing pharmacy education credit for pharmacy technicians.

\*\*This module provides 2.5 contact hours of patient safety continuing pharmacy education credit for pharmacy technicians.

For full details on past modules, please visit [www.pharmacytechtopics.com](http://www.pharmacytechtopics.com)

# 2023 MODULES

## VOLUME 28 NO. 1 | JANUARY 2023

### *A Review of 2022-2023 ISMP Targeted Medication Safety Best Practices*

**Karin Terry, PharmD, CPPS**  
Medication Safety Pharmacist  
OSF HealthCare  
Peoria, IL

This module will provide 2.5 contact hours (0.25 CEUs) of **patient safety** continuing pharmacy education credit for pharmacy technicians.

**ACPE UAN: 0121-0000-23-001-H05-T**

**Activity type: Knowledge-based**

**Release date: January 1, 2023**

**Expiration date: December 31, 2025**

**PATIENT  
SAFETY  
MODULE!**

#### *Learning Objectives*

1. Describe how the Institute for Safe Medication Practices determines which recommendation to include in their Best Practices document.
2. Review select best practices which may apply to hospital and outpatient settings.
3. Discuss ways pharmacy practice sites can incorporate improvements into their workflow to comply with ISMP Medication Safety Best Practices.
4. State how technicians can play a role in the development and implementation of strategies to meet ISMP Medication Safety Best Practices.
5. Recognize the difference of low, medium, and high leverage strategies that can be used to prevent errors with high-alert medications.

## VOLUME 28 NO. 2 | APRIL 2023

### *Procuring and Processing Specialty Medication Orders*

**Suzanne P. Kluge, BSPharm, MBA, RPh, BCSCP, FNHIA**  
Director, Clinical Pharmacy Training  
Option Care Health  
Bannockburn, IL

This module will provide 2.5 contact hours (0.25 CEUs) of continuing pharmacy education credit for pharmacy technicians.

**ACPE UAN: 0121-0000-23-002-H01-T**

**Activity type: Knowledge-based**

**Release date: April 1, 2023**

**Expiration date: March 31, 2026**

#### *Learning Objectives*

1. Identify specialty medications and how they differ from other medications.
2. Describe each specialty medication indication reviewed.
3. Recognize where specialty medications are administered and in what settings.
4. Explain different storage and shipping requirements of specialty medications.
5. Discuss procurement methods of specialty medications.

## VOLUME 28 NO. 3 | JULY 2023

### *FUNDamentals with Pharmacy Math*

**Jan M. Keresztes, BSPharm, PharmD, FASHP**  
Senior Educator, Pharmacy  
Talent First PBC  
Orland Park, IL

This module will provide 2.5 contact hours (0.25 CEUs) of continuing pharmacy education credit for pharmacy technicians.

**ACPE UAN: 0121-0000-22-003-H01-T**

**Activity type: Application-based**

**Release date: July 1, 2023**

**Expiration date: June 30, 2026**

#### *Learning Objectives*

1. Compare numbers to their basic math values (fractions, decimals, Roman numerals, weights, temperatures, making change for patient purchases).
2. List the prescriptions' days supply.
3. Convert values from one numerical system to another (metric, apothecary, common household system).
4. Calculate dosage based on various patient and manufacturer parameters (percentage, ratio strength, patient weight, length of therapy).
5. Indicate the quantities needed in sterile and non-sterile compounding (concentrations, drip rates, dilution/concentration).

## VOLUME 28 NO. 4 | OCTOBER 2023

### *Non-Sterile Compounding Changes Ahead: Products, Preparations and Planning*

**Nishant B. Thakar, PharmD**  
Assistant Professor of Clinical Sciences  
Roosevelt University College of Science, Health, and Pharmacy  
Schaumburg, IL

This module will provide 2.5 contact hours (0.25 CEUs) of continuing pharmacy education credit for pharmacy technicians.

**ACPE UAN: 0121-0000-23-004-H07-T**

**Activity type: Knowledge-based**

**Release date: October 1, 2023**

**Expiration date: September 30, 2026**

#### *Learning Objectives*

1. List the most common compounded non-sterile preparations (CNSP) made in a community and hospital setting.
2. Define and recognize key terms used in the USP <795> Guidelines.
3. Describe the anticipated changes with the new USP <795> Guidelines.
4. Recognize roles and responsibilities for personnel involved with the compounding process.
5. Select appropriate beyond-use-dates for common CNSPs.



**This module qualifies towards both CPhT and CSPT renewal.**



Pharmacy Tech Topics™ modules are accredited for Continuing Pharmacy Education (CPE) credits by the Illinois Council of Health-System Pharmacists. The Illinois Council of Health-System Pharmacists is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education.

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**Author Disclosure:** It is the policy of the Pharmacy Tech Topics™ (PTT) to ensure balance and objectivity in all its individually or jointly presented continuing pharmacy education modules. All faculty participating in any PTT continuing pharmacy education modules are expected to disclose any real or apparent conflict(s) of interest that may have any bearing on the subject matter of the continuing pharmacy education module. Disclosure pertains to relationships with any pharmaceutical companies, biomedical device manufacturers, or other corporations whose products or services are related to the subject matter of the topic.

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# Pharmacy Tech Topics™ Purchasing Information

## CHOOSE PAPER-BY-MAIL OR ONLINE

	ONLINE	PAPER
BUY 1	\$17.95	\$22.95
BUY 4	\$44.95	\$59.95
BUY 8	\$69.95	\$89.95

### Recommended System Requirements for Online Subscribers:

Operating Systems (minimum): Windows XP / Mac OS X 10.6; Internet Browsers (minimum): Chrome 4+, Internet Explorer 9+, Mozilla Firefox 4+, Safari 4+, Opera 15+, Edge 12+; Internet Browsers (recommended): Chrome 40+, Internet Explorer 10+, Mozilla Firefox 40+, Safari 8+, Opera 25+, Edge 13+; Browser Settings: Make sure cookies are enabled in your browser so all elements of our application work as expected. Pop-ups and JavaScript should be enabled in your browser, so you can view errors, alerts, and preview screens.

## HOW TO ORDER YOUR MODULES

- Go to [www.pharmacytechtopics.com](http://www.pharmacytechtopics.com).
- You must provide your NABP e-Profile ID# and birthdate as MMDD to complete your tests online.
- You can place your order with your credit or debit card and have immediate access to read and complete published modules.
- Complete each post-test online and immediately receive your results.
- Upon successful completion of your test, your CPE will automatically be reported to CPE Monitor.

You can now order paper modules online or complete the order form below and your modules will be placed in the mail within 7 days.

Subscribers that purchase paper modules by mail have the option to take their post-test online (NABP e-Profile ID# required) and receive test results instantly on [www.pharmacytechtopics.com](http://www.pharmacytechtopics.com)!

If you prefer to mail in the paper post-test, notification of completion will be mailed within 2-3 weeks after receipt of the successfully completed post-test and educational evaluation form.

Your CPE will be reported to CPE Monitor within 2 weeks.

## Pharmacy Tech Topics™ Order Form for Paper by Mail Only

**Only one technician subscriber per subscription.** Institutions with more than one technician must purchase a separate continuing pharmacy education subscription for each technician. Pharmacy Tech Topics™ modules are copyright protected and cannot be reproduced in any form. The technician subscriber's name must appear on this order form. **Postage will be charged for any replacement modules.**

### HOW MANY MODULES?

- 1** ☐ BUY 1 PAPER MODULE: **\$22.95\***
- 4** ☐ BUY 4 PAPER MODULES: **\$59.95\***
- 8** ☐ BUY 8 PAPER MODULES: **\$89.95\***

\*ILLINOIS RESIDENTS must include state sales tax (currently 8.75%).

### WHICH MODULES WOULD YOU LIKE?

Please view the titles and expiration dates of each module on page 2 of this brochure. 2024 topics will be announced at the end of 2023.

- |   |  |   |  |
|---|--|---|--|
| <input type="checkbox"/> January 2021<br>(patient safety) | <input type="checkbox"/> January 2022<br>(law) | <input type="checkbox"/> January 2023<br>(patient safety) | <input type="checkbox"/> January 2024<br>(law) |
| <input type="checkbox"/> April 2020                       | <input type="checkbox"/> April 2021            | <input type="checkbox"/> April 2022                       | <input type="checkbox"/> April 2023            |
| <input type="checkbox"/> July 2020                        | <input type="checkbox"/> July 2021             | <input type="checkbox"/> July 2022                        | <input type="checkbox"/> July 2023             |
| <input type="checkbox"/> October 2020                     | <input type="checkbox"/> October 2021          | <input type="checkbox"/> October 2022                     | <input type="checkbox"/> October 2023          |
|   |  |   | <input type="checkbox"/> October 2024          |

Modules are published quarterly in January, April, July, and October of each year. 2023 Module topics and order are tentative.

Variations in programming may occur. If purchasing modules for the current year (2023), please note that they will be mailed as published.

OUT-OF-THE-COUNTRY SUBSCRIBERS are required to call the office (815-227-9292) when ordering for mailing prices. A price will be quoted over the phone for you.

### TECHNICIAN INFORMATION

(Please complete all information and print neatly.)

Check here if you are a:

☐ New subscriber

☐ Continuing subscriber

Check here if there is a change in your:

☐ Last name

☐ Address

☐ Email

☐ Phone

Technician Name: \_\_\_\_\_ Mailing Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_ Email (required): \_\_\_\_\_

Work Phone: \_\_\_\_\_ Cell Phone: \_\_\_\_\_ Home Phone: \_\_\_\_\_

NABP e-Profile ID# (required): \_\_\_\_\_ Birthday (mm/dd) (required): \_\_\_\_\_

Primary Pharmacy Practice Site: (Check one)

☐ Community ☐ Hospital ☐ Mail Order ☐ Home Health ☐ Long-Term Health ☐ Pharmaceutical Industry ☐ Other: \_\_\_\_\_

**PLEASE NOTE:** No CPE credit is issued without an NABP e-profile ID #.

To obtain your NABP e-Profile ID #, visit [www.NABP.net](http://www.NABP.net), click help, then e-Profile.

### METHOD OF PAYMENT

• Orders placed with a credit card or purchase order may be faxed to (815) 227-9294.

• All orders must be accompanied by one completed order form for each technician.

• REFUNDS will not be issued on any processed subscriptions.

• Credit card orders will show up on your billing statement as an ICHP charge.

#### PLEASE CHECK ONE OF THE FOLLOWING:

☐ **Payment enclosed.**  
A check or money order is enclosed for \$\_\_\_\_\_.

☐ **A company purchase order is attached.**

☐ **Charge to:** ☐ AMEX ☐ DISCOVER ☐ VISA ☐ MC

**Signature (required):** \_\_\_\_\_

CC Account #: \_\_\_\_\_

Exp. Date: \_\_\_\_\_

CV2 Security Code #: \_\_\_\_\_

Billing ZIP code: \_\_\_\_\_

Checks, money orders, and company purchase orders should be made payable to:

**Illinois Council of Health-System Pharmacists (ICHP)**

4055 N. Perryville Road  
Loves Park, IL 61111-8653

Phone: (815) 227-9292

Fax: (815) 227-9294

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