Pharmacy | tech topics™

by Illinois Council of Health-System Pharmacists

25 years of quality education for Pharmacy Technicians!

TWO CONVENIENT OPTIONS

- **ONLINE ONLY SUBSCRIPTION**
  Electronic modules on www.pharmacytechtopics.com
  New modules added quarterly

- **PAPER BY MAIL SUBSCRIPTION**
  Paper modules delivered to your mailbox quarterly

2021 MODULES

JANUARY 2021
Know Before You Throw:
Pharmaceutical Waste and Drug Disposal

APRIL 2021
Dementia and Alzheimer's Disease -
What to Know and Remember

JULY 2021
A Comprehensive Review of Medication
Reconciliation for Pharmacy Technicians

OCTOBER 2021
Breaking Down New Drug Approvals and Biosimilars 2021
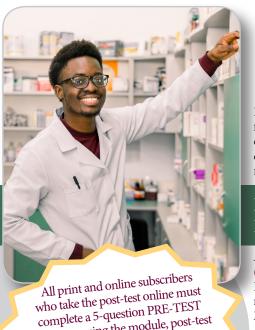
CONVENIENT BUNDLE PRICING

- **Subscribers can pick and choose any 4 or 8 modules at the same discounted rate as a one-year or two-year subscription! Choose the topics that you are most interested in.**

TEST FEEDBACK

- **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**

Pharmacy | tech topics™

by Illinois Council of Health-System Pharmacists

Pharmacy Tech Topics™ is a subscription service that provides certified pharmacy technicians with four modules of home-study continuing pharmacy education (CPE) each year. 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!

A two-year Pharmacy Tech Topics™ subscription fulfills 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 2021 Pharmacy Tech Topics™ modules. **Variations in programming may occur.**

All print and online subscribers 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...

"Great Topics"

"My copy comes regularly in the mail. I can complete it when I'm ready. I keep them for future reference and read them again."

"I look forward to reading and taking the evaluation at my own pace and in the quiet of my own home."

"Facts were presented and simply conveyed in a professional manner."

"This Topic was thoroughly presented, covering many of the 'areas of growth' in the pharmacy profession."

"Very informative in explaining medications and how they are used together for treatment."

"It was a good refresher for me!"

"Pharmacy Tech Topics has enlightened and enhanced my knowledge, they are very useful, beneficial and relevant."

2018, 2019 & 2020 MODULES ARE STILL AVAILABLE!
Tests must be received by the expiration dates to receive continuing pharmacy education credit.

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

2021 MODULES

VOLUME 26 NO. 1 | JANUARY 2021

Know Before You Throw: Pharmaceutical Waste and Drug Disposal

Bryan C. McCarthy Jr. PharmD, MS, MJ
Director of Inpatient Pharmacy
Lifespan
Providence, RI

James A. M. Rhodes, PharmD
PGY2 Health System Pharmacy Administration and Leadership Resident
UChicago Medicine
Chicago, IL

THIS MODULE WILL PROVIDE 2.5 CONTACT HOURS (0.25 CEUS) OF **PATIENT SAFETY** CONTINUING PHARMACY EDUCATION CREDIT FOR PHARMACY TECHNICIANS.
ACPE UAN 0121-0000-21-001-H05-T
Activity Type: Knowledge-based
Release date: January 1, 2021
Expiration date: December 31, 2023

LEARNING OBJECTIVES

1. Identify events which lead to the generation of pharmaceutical waste during the "lifecycle" of a medication.
2. Describe regulatory agency involvement regarding pharmaceutical waste practices.
3. Explain drug disposal methods in community and hospital settings.
4. Review ways to successfully comply with drug disposal requirements in community and hospital settings.
5. List public disposal options for different types of household pharmaceuticals and how to promote these options.

VOLUME 26 NO.2 | APRIL 2021

Dementia and Alzheimer's Disease - What to Know and Remember

Megan Adelman, PharmD, BCPS, BCGP, CDE
Family Medicine Pharmacy Specialist
West Virginia University Town Centre
Morgantown, WV

Ashleigh Barrickman, PharmD, BCACP, CTTS
Clinical Assistant Professor
West Virginia University School of Pharmacy
Morgantown, WV

THIS MODULE WILL PROVIDE 2.5 CONTACT HOURS (0.25 CEUS) OF CONTINUING PHARMACY EDUCATION CREDIT FOR PHARMACY TECHNICIANS.
ACPE UAN 0121-0000-21-002-H01-T
Activity Type: Knowledge-based
Release date: April 1, 2021
Expiration date: March 31, 2024

LEARNING OBJECTIVES

1. Identify the signs and symptoms of various types of dementia
2. Define key differences between Alzheimer's dementia and normal aging.
3. List risk factors for developing dementia and how to minimize these risks.
4. Identify FDA-approved therapies and review the doses, common side effects, and drug interactions.
5. Discuss how to talk to a patient with dementia.

VOLUME 26 NO. 3 | JULY 2021

A Comprehensive Review of Medication Reconciliation for Pharmacy Technicians

Sabra Douhit, PharmD
Medication Reconciliation Coordinator
Geisingere Medical Center
Danville, PA

Daniel S. Longyhore, PharmD, MS, BCACP
System Director, Knowledge Management
Enterprise Pharmacy, Geisinger
Danville, PA

THIS MODULE WILL PROVIDE 2.5 CONTACT HOURS (0.25 CEUS) OF CONTINUING PHARMACY EDUCATION CREDIT FOR PHARMACY TECHNICIANS.
ACPE UAN 0121-0000-21-003-H04-T
Activity Type: Knowledge-based
Release date: July 1, 2021
Expiration date: June 30, 2024

LEARNING OBJECTIVES

1. Define medication reconciliation and describe when it should occur.
2. Describe the differences between the terms medication reconciliation and medication history.
3. Identify resources used to obtain a best possible medication history.
4. Outline the steps to obtain and document a best possible medication history.
5. Explain how a pharmacy technician could participate in the medication reconciliation process.

VOLUME 26 NO. 4 | OCTOBER 2021

Breaking Down New Drug Approvals and Biosimilars 2021

Brittany Lee Karas, PharmD
Clinical Pharmacist, Drug Information
Northwestern Memorial Hospital
Chicago, IL

THIS MODULE WILL PROVIDE 2.5 CONTACT HOURS (0.25 CEUS) OF CONTINUING PHARMACY EDUCATION CREDIT FOR PHARMACY TECHNICIANS.
ACPE UAN 0121-0000-21-004-H01-T
Activity Type: Knowledge-based
Release date: October 1, 2021
Expiration date: September 30, 2024

LEARNING OBJECTIVES

1. Define the following terms used in the FDA approval process: accelerated approval, breakthrough therapy, fast track, priority review.
2. Describe the main indications for new drugs approved by the US Food and Drug Administration
3. Explain the formulation, dose, preparation, and route of administration of drugs reviewed.
4. Identify the following terms: biologic, biosimilar, reference product, bioequivalence, and interchangeability.
5. Discuss the key differences between biosimilars and generic medications.

Pharmacy Tech Topics™ Subscription Information

ONLINE ONLY SUBSCRIPTION

By purchasing an online subscription, you will receive a $5.00 discount on a one-year subscription and a $10.00 discount on a two-year subscription versus a paper subscription!

Go to **www.pharmacytechtopics.com**. 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. You must provide your NABP e-Profile ID# and birthdate as MMDD to complete your tests online. Upon successful completion of your test, your CPE will automatically be reported to CPE Monitor.

PAPER BY MAIL SUBSCRIPTION

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! 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.

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.

Pharmacy Tech Topics™ Order Form for __Paper by Mail Subscription 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.

SUBSCRIBE ANNUALLY

☐ Please send me a one-year subscription (4 modules) for the year _____ at the **one-year price of $50.00.***

☐ Please send me a two-year subscription (8 modules) for the years _____ & _____ at the **two-year discounted price of $79.95.***

2021 Module topics and order are tentative. Variations in programming may occur.

PICK AND CHOOSE

Options (please choose):

☐ 1 module at the **single module price of $17.95.***

☐ 4 modules at the **discounted bundle price of $50.00.***

☐ 8 modules at the **discounted bundle price of $79.95.***

Please choose your modules at right. ➡

☐ **January 2018 (law)**
☐ April 2018
☐ July 2018
☐ October 2018
☐ **January 2019 (patient safety)**
☐ April 2019
☐ July 2019
☐ October 2019

☐ **January 2020 (law)**
☐ April 2020
☐ July 2020
☐ October 2020
☐ **January 2021 (patient safety)**
☐ April 2021
☐ July 2021
☐ October 2021

Please view the titles and expiration dates of each module on page 2 of this brochure.

Modules are published quarterly in January, April, July, and October of each year. When ordering the 2021 year modules, all the currently published 2021 modules will be available immediately, with the remainder of 2021 being placed online or mailed per the quarterly schedule.

*****ILLINOIS RESIDENTS must include 8.25% state sales tax (total price of $54.13 for one-year, $86.55 for two-years, or $19.43 for a single module). 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, or ☐ phone.

Technician Name: _____   Mailing Address: _____   Apt.#: _____

City/State/Zip: _____   Email **(required)**: _____

Work Phone: _____   Cell Phone: _____   Home Phone: _____   Year Certified: _____   Recertification Date: _____

NABP e-Profile ID# **(required)**: _____   Birthday (MM/DD) **(required)**: _____

Primary Pharmacy Practice Site (Check one):

☐ Community ☐ Hospital ☐ Mail Order ☐ Home Health ☐ Long-Term Care ☐ 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, 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:

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

☐ Payment enclosed. A check or money order is enclosed for $_____

☐ A company purchase order is attached.

Account #: _____

CVV2 Security Code #: _____   Billing Zip Code: _____

Exp Date: _____

Signature **(required)**: _____

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, Illinois 61111-8653
Phone: (815) 227-9292 Fax: (815) 227-9294

FOR OFFICE USE ONLY

📱 (815) 227-9292   📠 (815) 227-9294   🌐 www.pharmacytechtopics.com   f /pharmacytechtopics