

USC Advanced Practice Pharmacist (APP) Certificate Program: Optimizing Health Outcomes for Complex Patients through Comprehensive Medication Management

*A Practice-Based Training Program for Pharmacists
28 hours of CE (20 hours of Self-Study and 8 hours of Live training)*

The University of Southern California (USC) School of Pharmacy Comprehensive Medication Management (CMM)-based APP certification program prepares pharmacists to optimize treatment plans for complex patients with poor or fragile health who are at high-risk for medication-related problems. This program will provide participants with key insights into how to provide a high-impact comprehensive medication management (CMM) service aligned with health system priorities. Advanced Practice Pharmacist skills will be applied to managing metabolic syndrome, upper respiratory infection (URI), and asthma/COPD. The program involves 20 hours of online education and 8 hours of live instruction that includes motivational interviewing, active case management, and 4 OSCE (Objective Structured Clinical Examination) stations.

Live Date: Sunday, June 25, 2023

Time: 8:00am – 6:00pm

Location: USC School of Pharmacy-1985 Zonal Ave, Los Angeles, CA 90033

Target Audience: Health-system pharmacists interested in pursuing advanced practice skills

Goal: To prepare participants to identify, stratify, evaluate, and manage high-risk patients with poorly-controlled chronic conditions

Objectives: After completing the online study modules, participating in the live program, and passing the comprehensive final examination, a participant will be able to:

1. Differentiate CMM from MTM and services provided in a traditional outpatient pharmacy
2. Propose methods of maximizing CMM efficiency and productivity during patient assessment, management, referral, and care collaboration
3. Defend the alignment between CMM and priorities of potential health system partners and stakeholders
4. Explain the enablers for pharmacists in California and select other states that support the uptake and spread of CMM
5. Compare methods of funding CMM services ranging from fee for service to value-based payments
6. Evaluate gaps in medication-related quality and/or safety for a given organization that can be managed by CMM
7. Develop a plan for CMM implementation or advancement that aligns with healthcare payers and providers
8. Compare and contrast the pharmacologic treatment recommendations in the ADA and AACE Guidelines
9. Given a patient case, initiate, modify, or discontinue pharmacotherapy and order appropriate laboratory tests to achieve A1c and blood glucose goals in accordance with evidence-based guidelines
10. Discuss the clinical presentations of metabolic syndrome, comorbid conditions and their management strategies
11. Propose management strategies for severe hypoglycemia or hyperglycemia to ensure patient safety
12. Apply the results of landmark clinical trials to a given patient case to design the most appropriate treatment plan
13. Compare and contrast antihypertensive agents based on their pharmacologic effects, monitoring parameters, and clinically relevant adverse drug events
14. Design optimal and evidence based antihypertensive treatment regimens based on age, comorbid conditions, labs, and blood pressure goals
15. Differentiate optimal evaluation and management strategies among diverse patients with metabolic syndrome
16. Counsel a patient on appropriate use, drug interactions and expectations of antihypertensive, antidepressant, lipid-lowering, or antihyperglycemic agents
17. Demonstrate the skills needed for specimen collection, including nasal swab, oral swab, saliva, sputum, and fingerstick
18. Demonstrate the appropriate order of donning and doffing PPE
19. Demonstrate the skills needed to measure temperature, respiratory rate, heart rate, and blood pressure
20. Apply information to a patient-specific case and counsel a patient based on testing performed/results of testing
21. Distinguish the core pathophysiologic features between asthma and COPD
22. Develop a strategy for avoidance and management of asthma exacerbation triggers
23. Collect components necessary to develop a personalized action plan for asthma or COPD
24. Interpret subjective and objective information from a patient with obstructive airway disease to classify level of disease control
25. Construct a patient-specific asthma or COPD action plan that includes collaboration with multiple providers
26. Discuss specific ways to incorporate the spirit of motivational interviewing into patient care
27. Interview a patient using motivational interviewing strategies and techniques
28. Perform individualized medication counseling for a complex patient utilizing the spirit of motivational interviewing

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Seminar Agenda:

- Framing the day/CMM
 - Metabolic Syndrome
 - Question and Answer Session
 - Upper Respiratory Infection (URI)
 - Asthma
 - Lunch
 - Motivational Interviewing/Patient Cases
 - Question and Answer Session
 - OSCE – Skills Assessment: Physical Assessment/Heart Lung
 - OSCE – Skills Assessment: Upper Respiratory Infection (URI)
 - OSCE – Skills Assessment: Spirometer/Devices
 - OSCE – Standardized Patient Assessment-CMM
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Presented by:

Steven Chen, Pharm.D., FASHP, FCSHP, FNAP
Associate Dean for Clinical Affairs
Titus Family Department of Clinical Pharmacy
William A. Heeres and Josephine A. Heeres
Chair in Community Pharmacy

Michelle Lee Chu, Pharm.D., CDE, BCACP
Assistant Professor of Clinical Pharmacy
Ambulatory Care Pharmacist
USC School of Pharmacy

Additional Presenters will be updated on the USC School of Pharmacy, Office of Continuing Professional Development website, <https://pharmacyschool.usc.edu/programs/ce/>.

To Register, go to: <https://cvent.me/g1r0W9>

Registration Fee: \$1,000 general tuition / \$800 for special groups with discount code.

*For more information and to register contact: Lisa McDonald Reyes at 323.442.2403/ pharmce@usc.edu

The University of Southern California School of Pharmacy is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. The USC Advanced Practice Pharmacist (APP) Certificate Program: Optimizing Health Outcomes through Comprehensive Medication Management is a practice-based program for pharmacists developed by the USC School of Pharmacy's faculty and office of Continuing Professional Development.

USC School
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Release Date home study: 11/03/2020 expiration date: 11/03/2023. Successful completion of the live seminar component, which is 6/25/23, involves passing the final exam with a grade of 70% or higher and demonstrating competency in 4 OSCE stations (metabolic syndrome, asthma/COPD, upper respiratory infection (URI), and patient evaluation with progress note). Successful completion of the self-study component involves passing each module's assessment questions with a grade of 70% or higher and will result in 20.0 contact hours of continuing pharmacy education credits (2.0 CEUs). Successful completion of the live component will result in 8.0 contact hours of continuing pharmacy education credit (0.80 CEUs). ACPE UAN: 0007-0000-20-042-B01-P

Following verification of 1) completion of online modules, 2) live program participation, 3) successful OSCE passing the comprehensive final examination, and 4) submission of online program evaluation form, continuing education hours will be uploaded to CPE Monitor and a certificate of advanced practice training in comprehensive medication management will be emailed to participants (allow 4 to 6 weeks for upload and email certificate delivery). If you have questions, please email Lisa McDonald Reyes at pharmce@usc.edu or call 323-442-2403.