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.
Seminar Agenda:

- Framing the day/CMM
- Metabolic Syndrome
- Question and Answer Session
- Upper Respiratory Infection (URI)
- Asthma
- Lunch (boxed lunch provided)
- 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

Presented by:

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

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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.

Release Date home study: 11/03/2020 expiration date: 11/03/2023. Successful completion of the live seminar component, which is 1/30/21, 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 Diane Yoon at pharmce@usc.edu or call 323-442-2403.