

TABLE OF CONTENTS

Pulmonary Care I	1
Pulmonary Care I Panel	3

Asthma

*By Rachael Hiday, Pharm.D., MBA, BCPS, BCACP;
and Kristen D. Abbott, Pharm.D., BCACP*

Introduction	7
Diagnosis	9
Current Guidelines and Updates	10
Differentiating Between Asthma and COPD	12
Treatment	14
Role of the Pharmacist in Managing Asthma	20
Conclusion	22
References	23
Self-Assessment Questions	25

COPD and Asthma-COPD Overlap

By Ashley H. Meredith, Pharm.D., FCCP, BCPS, BCACP, CDE

Introduction	29
Pathophysiology of Disease	30
Diagnosis and Assessment	31
Management of Stable COPD	34
Management of Acute Exacerbations of Chronic COPD	45
Management of Stable ACO	48
Pharmacist's Role in COPD and ACO Management	48
Conclusion	49
References	49
Self-Assessment Questions	53

Pulmonary Care II	57
--------------------------------	-----------

Pulmonary Care II Panel	59
-------------------------------	----

Pulmonary Arterial Hypertension

*By Elizabeth Autry, Pharm.D., BCPPS;
and Lauren Kormelink, Pharm.D., BCACP*

Introduction	63
Diagnosis	64
Treatment Goals and Follow-Up	64
Pharmacologic Therapies	66
Pharmacist's Role	75
References	81
Self-Assessment Questions	83

Allergic Rhinitis

By G. Blair Sarbacker, Pharm.D., BCACP

Introduction	87
Guideline Updates in Drug Therapy Management	88

Drug Therapy Options for AR	90
Conclusion	97
References	98
Self-Assessment Questions	99

Adult Immunizations

*By Ann M. Philbrick, Pharm.D., FCCP, BCPS, BCACP;
and Caitlin K. Frail, Pharm.D., MS, BCACP*

Introduction	103
Influenza Vaccine	104
Herpes Zoster	106
Pneumococcal Vaccines (PCV13 and PPSV23)	109
9-Valent Human Papillomavirus Vaccine	111
Special Populations	111
Pharmacist Roles in Addressing Vaccine Hesitancy and Adherence	114
Conclusion	115
References	115
Self-Assessment Questions	117

Pulmonary Care III	121
---------------------------------	------------

Pulmonary Care III Panel	123
--------------------------------	-----

Guideline Update: Hypertension

*By Daniel C. Kildow, Pharm.D., MSHA, BCACP, CDE;
and Megan R. Kildow, Pharm.D., BCACP, CDE*

Hyperlink to the activity	127
References	128
Self-Assessment Questions	129

Feature: Guideline Update: Dyslipidemia

By Sean Stewart, Pharm.D., BCACP, CLS

Hyperlink to the activity	134
References	134
Self-Assessment Questions	137

Interactive Case: Medication Adherence and Assistive Technology

*By Kajua B. Lor, Pharm.D., BCACP;
and Rachel Kavanaugh, Pharm.D., BCACP*

Hyperlink to the activity	142
References	142
Self-Assessment Questions	144