

TABLE OF CONTENTS

Cardiology I	1
Faculty Panel	3

Blood Pressure Management

*By Karen J. McConnell, Pharm.D., FCCP, BCPS-AQ Cardiology;
and William L. Baker, Pharm.D., FCCP, FACC, BCPS, AQ-Cardiology*

Epidemiology	7
HTN Guidelines	8
Uncomplicated HTN	10
HTN with Concomitant Disease States	12
Resistant HTN	16
Ambulatory and Home Blood Pressure Monitoring	19
Hypertensive Urgency and Emergency	20
Hypotension	22
HTN and Pharmacogenomics	23
Conclusion	23
References	24

Dyslipidemia

*By Laura H. Waite, Pharm.D., BCPS, CLS, BC-ADM;
and Yvonne L. Phan, Pharm.D., BCPS*

Introduction	33
Historical Approach to Dyslipidemia Treatment	34
New Dyslipidemia Management Guidelines	36
Comparison of Previous and Current Dyslipidemia Treatment Approaches	39
Cardiovascular Risk Assessment	39
Traditional and Nontraditional Risk Factors	40
Application of Recommendations to Patient Care	43
Nonstatin Therapies	46
New Evidence for Use of Nonstatin Agents	48
Emerging Therapies for Dyslipidemia	49
Conclusion	52
References	52

Pulmonary Arterial Hypertension

*By Kristen T. Pogue, Pharm.D., BCPS, AQ-Cardiology;
and Claire P. Walter, Pharm.D., BCPS*

Introduction	61
Therapeutic Options	63
Combination Therapy	70
Treatment Guidelines	72
Practical Considerations	73
Conclusion	76
References	77

Cardiology II	85
Faculty Panel	87

Valvular Heart Disease

*By Douglas L. Jennings, Pharm.D., FCCP, FAHA, AACC, BCPS,
AQ-Cardiology*

Introduction	91
Aortic Stenosis	92
Mitral Valve Disease	99
Antithrombotic Potpourri	101
Conclusion	104
References	104

Infective Endocarditis

*By Laura A. Siemianowski, Pharm.D., BCPS, BCCCP;
and Lucia Rosé, Pharm.D., AAHIVP*

Introduction	111
Diagnosis and Role of Empiric Therapy	112
Pharmacologic Management of Causative Organisms	112
Evaluation of Therapeutic Outcomes	121
Management of Antibiotic Allergies	123
Role of Outpatient Antibiotic Therapy	123
Antimicrobial Prophylaxis	123
Conclusion	124
References	125

Oral Anticoagulants for VTE and Stroke Prevention in Atrial Fibrillation

*By Nancy L. Shapiro, Pharm.D., FCCP, BCPS;
and Shubha Bhat, Pharm.D., BCACP*

Introduction	135
Anticoagulant Pharmacology	135
Treatment of VTE	136
Stroke Prevention in Atrial Fibrillation	141
Treatment Controversies	144
Conclusion	149
References	151