CONTENTS

Preface ........................................................... xiii

Part I: Introduction to Healthcare Accounting, Governance, and Financial Statements .................................................... 1

Case 1.1: Blue Sky .................................................... 3
The role of accounting in healthcare
Case 1.2: Health Diagnostic Laboratory Inc. .......................... 7
Regulation in healthcare—Anti-Kickback Statute, Stark Law, and corporate integrity agreements
Case 1.3: High Coastal Hospital Post-Acute Care .................. 13
Transitioning patients from acute care and healthcare regulation by CMS
Case 1.4: Low Coastal Hospital Immunization ...................... 19
IRC 501(r)(3) community needs assessment and fiscal dynamics of population health
Case 1.5: HealthSouth Corporation Financial Fraud ............... 25
Effect of financial statement fraud on healthcare
Case 1.6: HealthSouth Filings on the SEC Website ................. 29
Understanding 10-K filings as an information source
Case 1.7: Financial Statement Format .............................. 37
Understanding basic templates for three types of financial statements
Case 1.8: East Valley Hospital ...................................... 39
Preparing statements from ending account balances

Part II: Understanding the Financial Accounting Model ............... 41

Case 2.1: Healthy Hospital ......................................... 43
Analyzing not-for-profit transaction data
Case 2.2: Nonprofit Hospital Accounting Equation ................. 45
Recording not-for-profit transaction effects on the accounting equation
Case 2.3: Bobby’s Pain Clinic ........................................... 47
  Recording for-profit clinic transactions in debit/credit format
Case 2.4: Boxed Docs—Cash Basis ........................................ 51
  Recording for-profit clinic cash basis transactions in debit/credit format
Case 2.5: Boxed Docs—Accrual Basis ....................................... 55
  Recording for-profit clinic transactions in debit/credit format
Case 2.6: Transaction Entry .................................................. 59
  Recording not-for-profit clinic transactions in debit/credit format
Case 2.7: Fixit Clinic Inc. ..................................................... 63
  Analyzing transactions and preparing for-profit statements

Part III: Understanding Financial Statement Preparation and Accounting
  Adjustments ................................................................. 67

Case 3.1: South Pacific Hospital ............................................. 69
  Recording transaction data and updating nonprofit financial statements
Case 3.2: Happy Hospital ...................................................... 71
  Recording transaction data and preparing nonprofit financial statements
Case 3.3: Big Island Hospital .................................................. 73
  Determining adjusting entries to better portray “economic reality”
Case 3.4: IOP Boogie Clinic Adjusting Entry ............................... 77
  Determining for-profit adjusting entries

Part IV: Financial Statements Analysis ...................................... 81

Case 4.1: East Pacific Hospital ............................................... 83
  Computing basic financial ratios for a not-for-profit hospital
Case 4.2: Hospital Corporation of America Holdings ........................ 85
  Computing actual ratios for a hospital corporation

Part V: Understanding Generally Accepted Accounting Principles for
  Various Balance Sheet Accounts .......................................... 95

Case 5.1: Jefferson Imaging Clinic ......................................... 97
  Understanding depreciation and deferred taxes
Case 5.2: West River Orthopedic Clinic ................................... 101
  Physical inventory and profit effects
Case 5.3: Insertion Clinic .................................................... 105
  FIFO, LIFO, specific identification, and weighted advantage inventory valuation
Contents

Case 5.4: Flush Medical Center Inc. ........................................... 109
   Recording of hospital controlling investments in medical practices
Case 5.5: Big American Hospital Corporation ......................... 113
   Dividend policy and retained earnings

Part VI: Application of Time Value of Money Concepts
   to Accounting ............................................................... 117
Case 6.1: Charleston Painless Surgery Center ......................... 119
   Time value of money and Excel functions to automate computations
Case 6.2: Big Valley Hospital ............................................... 123
   Bond issuance valuation and bond interest expense
Case 6.3: Face Smooth Clinic ............................................... 125
   Computing the value of and recording a lease

Part VII: Valuing Equity Securities ..................................... 127
Case 7.1: North Bend Hospital ............................................ 129
   Parsimonious forecasting of free cash flows
Case 7.2: Fast Knife Clinic ................................................ 131
   Valuation via free cash flows

Part VIII: Cost Drivers and Cost Shifting in Healthcare .......... 133
Case 8.1: Quiet Rest Inc ..................................................... 135
   Understanding and describing cost drivers
Case 8.2: Slippery Hospital ................................................ 137
   Calculating a charge rate that supports cost shifting (cross-subsidization)

Part IX: Cost Behavior and Cost–Volume–Profit Analysis ........ 139
Case 9.1: ABC Clinic ........................................................ 141
   Estimating fixed and variable costs via simple regression
Case 9.2: In and Out Clinic Breakeven .................................. 143
   Determining contribution margin and computing breakeven volume
Case 9.3: Bradley Rehabilitation Clinic Regression .................. 145
   Computing cost equation via regression and determining breakeven volume
Case 9.4: Hill Climb Clinic .................................................. 147
   Determining breakeven volume graphically due to step-costs
Case 9.5: Immunization Clinic Inc. ....................................... 149
   Determining volume to achieve target profit for a taxable entity
Case 9.6: Speedy Medical Clinic .................................................. 153
  Determining breakeven volume for medical clinic

Part X: Understanding Relevant Costs for Decision Making .......... 155
Case 10.1: Metropolitan Hospital Laboratory ............................. 157
  Preparing a contribution margin statement and making short-run and
  long-run decisions about closing
Case 10.2: Bradley Rehabilitation Clinic Contribution Margin .......... 159
  Preparing a contribution margin statement and determining costs
  relevant for a decision about closing

Part XI: Computing Costs per Relative Value Units ................. 161
Case 11.1: Black Lab .......................................................... 163
  How to compute cost per procedure with relative value units
Case 11.2: ABC Home Wellness ............................................ 165
  How to compute cost per activity (service line) with RVUs

Part XII: Cost Allocation ....................................................... 167
Case 12.1: Clean Tube Laboratories ........................................ 169
  Cost allocation via direct, step-down, and reciprocal methods
Case 12.2: Messy Tube Laboratories ....................................... 173
  Cost allocation via direct, step-down, and reciprocal methods

Part XIII: Pricing, Budgeting, and Profit Planning ................... 175
Case 13.1: Health Train ....................................................... 177
  Developing a target cost–based price
Case 13.2: Clean Slice Department ......................................... 179
  Budgeting when resource constraints exist
Case 13.3: North Side Hospital .............................................. 181
  Preparing a three-month cash forecast (budget)
Case 13.4: Westside Hospital ................................................ 185
  Preparing a departmental budget when given volume estimates
Case 13.5: IOP Boogie Clinic Forecasting ............................... 189
  Forecasting an income statement for a proposed clinic
Part XIV: Standard Costs and Variances ................................. 193
  Case 14.1: Rapid Lab ........................................................... 195
  Preparing a flexible budget and computing variances
  Case 14.2: MedCenter .......................................................... 197
  Computing budget variances

Part XV: Segment Reporting and Transfer Pricing ......................... 199
  Case 15.1: Bright Sky Hospital .............................................. 201
  Determining transfer pricing policy

Part XVI: Capital Budgeting .................................................... 203
  Case 16.1: Outer Limit Hospital .............................................. 205
  Computing payback, net present value, and internal rate of return for hospital capital investment
  Case 16.2: Sidewinder Scanner ............................................... 207
  Evaluating payback, NPV, and IRR in the face of volume and cost-of-capital uncertainty
  Case 16.3: Rapidly Expanding Care Inc. ................................ 211
  Computing weighted average cost of capital, NPV, and IRR to evaluate capital investment

About the Authors ................................................................. 213