



Case Study 4 Coronary Artery Disease and Heart Failure

Difficulty: Intermediate

Setting: Outpatient clinic

Index Words: coronary artery disease (CAD), heart failure (HF), laboratory values, medications, therapeutic nutrition, echocardiogram

Global Concepts: Care Coordination, Perfusion, Patient Education

HEM Concepts: Assessment, Care Coordination, Perfusion, Patient Education

Scenario

You are working in the internal medicine clinic of a large teaching hospital. Today your first patient is 70-year-old J.M., a man who has been coming to the clinic for several years for management of coronary artery disease (CAD) and hypertension (HTN). A cardiac catheterization done a year ago showed 50% stenosis of the circumflex coronary artery. He has had episodes of dizziness for the past 6 months and orthostatic hypotension, shoulder discomfort, and decreased exercise tolerance for the past 2 months. On his last clinic visit 3 weeks ago, a chest x-ray (CXR) examination revealed cardiomegaly, and a 12-lead electrocardiogram (ECG) showed sinus tachycardia with left bundle branch block (LBBB). You review J.M.'s morning blood work and initial assessment.

Chart View

Laboratory Results

Chemistry

Sodium	142 mEq/L
Chloride	95 mEq/L
Potassium	3.9 mEq/L
Creatinine	0.8 mg/dL
Glucose	82 mg/dL
BUN	19 mg/dL

Complete Blood Count

WBC	5400/mm ³
Hgb	11.5 g/dL
Hct	37%
Platelets	229,000/mm ³

Initial Assessment

Complaints of increased fatigue and shortness of breath, especially with activity, and "waking up gasping for breath" at night for the past 2 days.

Vital Signs

Temperature	97.9° F (36.6° C)
Blood pressure (BP)	142/83 mm Hg
Heart rate	105 beats/min
Respiratory rate	18 breaths/min

Case Study 4 Heart Of Cardiology

Christian G. Meyer



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Manual of First Aid Professional English Irena Baumruková,2017-03-29 The book is the third practical part of the Manual of First Aid All texts are short understandable and always contain the right answer marked with which makes them suitable for self study and testing the paramedics professional knowledge In the first volume the cases concern the following topics airway and breathing assessment proper interventions for patients with respiratory compromise oxygen delivery systems ventilatory support respiratory anatomy and physiology basic airway management basic cardiopulmonary resuscitation advanced interventions cardiology medical emergencies traumatic injuries gynaecology obstetrics and paediatrics The last chapter deals with legal considerations communication scene safety and scene management vehicle operations hazardous materials and mass casualty incidents The second volume revision lessons is divided into twenty four units each of which contains about twenty casuistics on different topics

Medicare and Private Sector Health Care Quality

Measurement, Assurance, and Improvement United States. Congress. House. Committee on Ways and Means.

Subcommittee on Health,1997

Cardiology ,1989

English in Nursing

Irena Baumruková,2017-10-18 The book

English in Nursing contains 1 113 casuistics The students will try to fill in suitable English terms and check their solutions in the key at the end of the textbook All texts are short understandable and always contain the right answer marked with which makes them suitable for self study and testing the nurses professional knowledge at the same time

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The Cardiovascular MRI Tutorial

Robert W. Biederman, M.D.,Robert W. W. Biederman,Mark Doyle,June Yamrozik,2008 This text DVD package is ideally suited for training courses for cardiologists and radiologists seeking certification to perform and interpret cardiovascular MRI CMR examinations The authors present 37 lectures that systematically explain all key aspects of CMR Coverage begins with an overview of principles equipment and imaging methods and proceeds to imaging protocols and clinical applications An Advanced Training section includes details of imaging techniques vascular imaging techniques specialized cardiac imaging and artifacts The text and the PowerPoint lectures on the DVD complement each other in a unique way The book mirrors the

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Critical Thinking in the Medical-Surgical Setting Maryl Winningham, Barbara Preusser, 1996 Quarterly Cumulative Index to Current Medical Literature, 1918

Quarterly Cumulative Index to Current Medical Literature. V. 1-12; 1916-26, 1921 **Clinical Diagnosis, Case Examination and the Analysis of Symptoms: Analysis of symptoms** Alfred Martinet, 1928 *Johns Hopkins Hospital Bulletin* Johns Hopkins Hospital, 1902 **Bulletin of the Johns Hopkins Hospital** Johns Hopkins Hospital, 1903 Bound with v 52 55 1933 34 is the hospital s supplement Bulletin of the Institute of the History of Medicine Johns Hopkins University v 1 2 *Case Studies in Cardiovascular Critical Care Nursing* Mickie D. Welsh, John M. Clochesy, 1990 Detailed clinical case study presentations of adult and pediatric patients with medical and surgical cardiovascular problems are

provided Cases emphasize independent nursing decision making and practical clinical intervention Nursing care plans are included with each case and special assessment tools are discussed *The Journal of the Indiana State Medical Association* Indiana State Medical Association,1916 Includes the association s membership roster and its complete program and annual reports *Clinical Cardiology* Franklin C. Massey,1953 **The Boston Medical and Surgical Journal** ,1911 **American Medicine** ,1901

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Table of Contents Case Study 4 Heart Of Cardiology

1. Understanding the eBook Case Study 4 Heart Of Cardiology
 - The Rise of Digital Reading Case Study 4 Heart Of Cardiology
 - Advantages of eBooks Over Traditional Books
2. Identifying Case Study 4 Heart Of Cardiology
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Case Study 4 Heart Of Cardiology
 - User-Friendly Interface
4. Exploring eBook Recommendations from Case Study 4 Heart Of Cardiology

- Personalized Recommendations
 - Case Study 4 Heart Of Cardiology User Reviews and Ratings
 - Case Study 4 Heart Of Cardiology and Bestseller Lists
5. Accessing Case Study 4 Heart Of Cardiology Free and Paid eBooks
 - Case Study 4 Heart Of Cardiology Public Domain eBooks
 - Case Study 4 Heart Of Cardiology eBook Subscription Services
 - Case Study 4 Heart Of Cardiology Budget-Friendly Options
 6. Navigating Case Study 4 Heart Of Cardiology eBook Formats
 - ePub, PDF, MOBI, and More
 - Case Study 4 Heart Of Cardiology Compatibility with Devices
 - Case Study 4 Heart Of Cardiology Enhanced eBook Features
 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Case Study 4 Heart Of Cardiology
 - Highlighting and Note-Taking Case Study 4 Heart Of Cardiology
 - Interactive Elements Case Study 4 Heart Of Cardiology
 8. Staying Engaged with Case Study 4 Heart Of Cardiology
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Case Study 4 Heart Of Cardiology
 9. Balancing eBooks and Physical Books Case Study 4 Heart Of Cardiology
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Case Study 4 Heart Of Cardiology
 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
 11. Cultivating a Reading Routine Case Study 4 Heart Of Cardiology
 - Setting Reading Goals Case Study 4 Heart Of Cardiology
 - Carving Out Dedicated Reading Time
 12. Sourcing Reliable Information of Case Study 4 Heart Of Cardiology

- Fact-Checking eBook Content of Case Study 4 Heart Of Cardiology
 - Distinguishing Credible Sources
13. Promoting Lifelong Learning
- Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
14. Embracing eBook Trends
- Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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