

# Module 2 Case Studies

## Directions:

- Worth 30 points total.
- Download the attached handout and follow the directions provided.
- Please be succinct in your responses. There is no short answer response that requires more than 2-3 sentences.
- To submit your answers for grading, complete the "Module 1 Case Study Submission" following the directions.

## HDN Case Study:

**Background:** Susan's blood type is B-. Her first pregnancy is without complications, she gives birth to a baby, Toby, with B+ blood type. A few years later, Susan enjoys another uncomplicated pregnancy and gives birth to her second child, Katie, who has B- blood type. Susan's 3<sup>rd</sup> pregnancy is more complicated, and she gives birth to another baby girl, Cindy, upon examination appears swollen, pale, and in respiratory distress at birth. Further examination uncovers a swollen liver and spleen and heart irregularities. Shortly after the birth Cindy develops severe jaundice and is diagnosed with Hemolytic Disease of a Newborn (HDN).

## Questions:

1. What are Cindy's signs and/or symptoms? (Differentiate them)

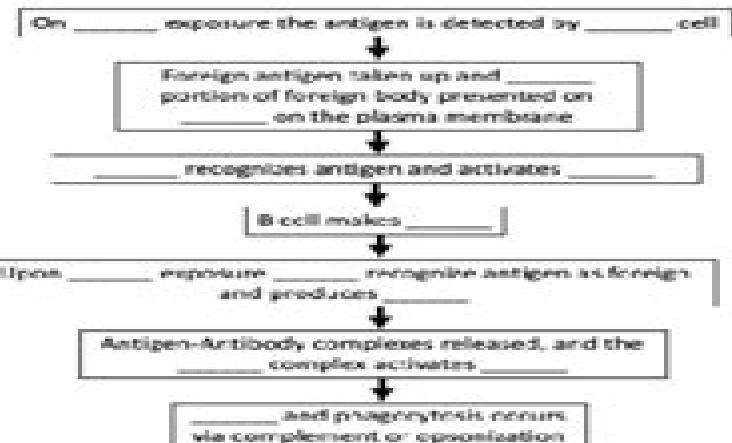
- A. Swollen liver and spleen \_\_\_\_\_
- B. Heart Irregularities \_\_\_\_\_
- C. Jaundice \_\_\_\_\_
- D. Respiratory distress \_\_\_\_\_
- E. Pale \_\_\_\_\_

2. Why type of hypersensitivity reaction is responsible for Cindy's HDN?

- A. Type 1
- B. Type 2
- C. Type 3
- D. Type 4

3. Fill in the flowchart to explain the pathogenesis of this type of hypersensitivity. Note some words in the word bank may be used more than once.

**Word Bank:** B cell, first, lysis, Fc region, phagocytized, T helper 2 cell, B cell, IgG or IgM, MHC2, second, complement, APC, autoimmune antibodies



# Pathophysiology Case Study Questions

**Richert E. Goyette**

## **Pathophysiology Case Study Questions:**

Pathophysiology Case Studies Hon-Vu Q Duong,Nina Marcellus,2020-07-13      **ANAC's Core Curriculum for HIV / AIDS Nursing** Association of Nurses in AIDS Care (ANAC),2010-10-22 The Association of Nurses in AIDS Care ANAC presents the essential information needed by every nurse working with HIV AIDS patients in any setting The text provides an educational framework for HIV AIDS clinical content and serves those preparing for specialty certification in HIV AIDS training The text covers A Infection transmission and prevention B Clinical management of a variety of patient types C Symptomatic conditions and symptom management D Special populations E Psychosocial concerns for patients ANAC s Core Curriculum for HIV AIDS Nursing Third Edition includes the following new topics Updates to the evidence basis underlying the nursing care of persons with HIV AIDS New issues and challenges including the care for pediatric patients and adults with giardia syphilis and bipolar disease New text features including case studies and quizzes      *Pathophysiology Case Studies* Sharon L. Sims,Donna L. Boland,1990      Hematologic and Reticuloendothelial Pathology and Pathophysiology Case Studies Richert E. Goyette,Harlan J. Spjut,1976      **NSCA's Essentials of Training Special Populations** NSCA-National Strength & Conditioning Association,Jacobs, Patrick,2017 NSCA s Essentials of Training Special Populations is an ideal preparatory guide for those seeking CSPS certification The book is also a practical reference for exercise professionals who work with clients with various conditions and disorders      Digestive and Hepatobiliary Pathology and Pathophysiology Case Studies Richert E. Goyette,Harlan J. Spjut,1977      **Renal, Genitourinary and Breast Pathology and Pathophysiology Case Studies** Richert E. Goyette,1976      Case Studies in Pathology Alan Stevens (MRCPPath.),James Steven Lowe,1995 This text examines 80 cases in pathology that are designed to foster the appropriate kind of thinking which will be expected of the student in a professional environment Each case study is cross referenced to the parent text Pathology ISBN 0 397 44764 7 and questions and answers are included      *Pharmacotherapy Casebook* Terry L. Schwinghammer,Julia M. Koehler,2011-08-05 More than 150 cases help you develop the problem solving and decision making skills necessary to succeed in real world clinical practice Pharmacotherapy Casebook provides the case studies you need to learn how to identify and resolve drug therapy problems you re most likely to encounter in real world practice This new edition is packed with 157 patient cases and makes the ideal study companion to the eighth edition of DiPiro s Pharmacotherapy A Pathophysiologic Approach The case chapters in this book are organized into organ system sections that correspond to those of the DiPiro textbook By reading the relevant chapters in Pharmacotherapy A Pathophysiologic Approach you will be able to familiarize yourself with the pathophysiology and pharmacology of each disease state included in this casebook Everything you need to develop expertise in pharmacotherapy decision making Realistic patient presentations include medical history physical examination and laboratory data followed by a series of questions using a systematic problem solving approach Compelling range of cases from the uncomplicated a single disease state to the complex multiple disease states and drug related

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Bhushan,Chirag Amin,Tao Le,2003 **Physiology** Linda S. Costanzo,2006 BRS Physiology Cases and Problems Second Edition includes 56 case based problems and questions that encourage medical students to integrate problem solve and think critically Organized by body system each chapter provides case studies questions and problems followed by complete explanations and solutions including diagrams graphs and charts The book contains most relevant medical physiology and pathophysiology information and integrates complex information across organ systems It is helpful for traditional course material and a valuable tool for a clinical vignette review in preparation for the USMLE Step 1 exam This revised and updated edition includes new cases and more illustrations

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