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Trauma Centers and Acute Care Surgery Osvaldo Chiara, 2021-10-15 This book offers an overview of acute care surgery around the world focusing on the four main branches of this novel subdiscipline trauma general emergencies critical care and rescue surgery The book's primary goal is to provide a general view of acute care surgery while addressing the most important issues in depth The content is divided into three parts the first of which is dedicated to the general organization of trauma centers including the composition of modern trauma teams Protocols of activation and action for the trauma team as well as damage control procedures both in the emergency room and in the surgical theatre are described The book also addresses the development of a trauma registry together with the quality assessment process that can be applied In turn the second part describes the principal protocols for making diagnoses with special attention to circumstances such as unstable hemodynamics neurological deterioration normal vital signs and penetrating injuries The book subsequently deals with the most important aspects of trauma to the abdomen chest and pelvis with notes on both surgical and intensive care issues Practical descriptions of how to treat principal injuries to various organs are also provided Finally the third part of the book is dedicated to the most frequent general surgical emergencies and rescue surgical approaches and includes information on diagnostic support with point of care ultrasound and endoscopic advanced techniques Presenting cutting edge strategies this book will be of interest to professionals involved in surgical and intensive care for emergency conditions such as colonic perforations obstructions acute pancreatitis biliary tree stones and caustic injuries Prehospital Trauma Care - Approccio e trattamento al traumatizzato in fase preospedaliera e nella prima fase intraospedaliera, 2007 *Anaesthesia, Pain,*

Intensive Care and Emergency Medicine — A.P.I.C.E. A. Gullo, 2012-12-06 Continuous update in critical care medicine is a real challenge due to the growing dimensions of its contents these elements are the result of new research acquisitions and of those clinical situations where the physician is able to intervene at a given moment with the use of effective prevention techniques They are also the result of new technologies able to define complex sub clinical diagnostic aspects lastly they are the result of effective therapeutic techniques available and of treatment strategies able to influence radically and positively the patient's clinical course Critical care medicine is playing a key role in the most advanced environments as it represents a cross sectional field of action involving several specialties such as anesthesiology general medicine surgery pediatrics

Patient Transport: Medical Critical Care - E-Book Air & Transport Nurses Association (ASTNA), Allen Wolfe, Michael Frakes, Danny Nayman, 2024-11-10 An ideal companion to the award winning Patient Transport Principles Practice 6th Edition this critical care transport text offers a unique focus on the critical care patient in transit addressing the needs of flight and ground transport registered nurses paramedics and those preparing for certification exams such as CFRN CTRN FP C and CCP C Authored by the esteemed Air and Surface Transport Nurses Association ASTNA this comprehensive guide is

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Principles and Practice of Maternal Critical Care Sharon Einav, Carolyn F. Weiniger, Ruth Landau, 2020-11-25 This book contains a collection of the most recent insights regarding maternal morbidity and mortality and optimization of the care processes during acute critical illness The volume represents a practical resource to be used in real time by medical practitioners faced with a woman who is critically ill during pregnancy and the peripartum period By providing concise tools for disease identifiers and management flow charts the Editors aimed to increase awareness and improve processes of care for this population Many care paradigms for obstetric patients are currently unstandardized unfocused and often do not follow a pre determined path Each chapter will provide the practitioner with updated information on how to identify specific critical conditions and how to manage them once they have been identified to enhance recognition and readiness This book should be used as a resource to improve the quality of care administered to obstetric patients to reduce fragmented care processes and to improve interdisciplinary co ordination and communication with the overall aim of decreasing maternal morbidity and mortality Therefore this book represents an invaluable guide to specialists in critical care anesthesia and obstetrics as well as to intensive care nurses and midwives

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to solve a linear programming problem we first need to know the fundamental theorem of linear programming given that an optimal solution to a linear programming problem exists it must occur at a vertex of the feasible set if the optimal solution occurs at two adjacent vertices of the feasible set then the linear programming problem

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