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Nota di contenuto	The Definition of acute care surgery / Robert D. Becher, Raul Coimbra, and Kimberly A. Davis -- Anatomic and physiological considerations / Bishwajit Bhattacharya and Kimberly A. Davis -- Impact of acute surgical illness on critical care decisions pre- and postoperatively / Lena M. Napolitano and Jay Doucet -- Cervical trauma / Aaron Richman and Clay Cothren Burlew -- Blunt abdominal trauma / Morgan Schellenberg and Kenji Inaba -- Penetrating abdominal trauma / Lyndsey E. Wessels, Michael J. Krzyzaniak, and Matthew J. Martin -- Thoracic trauma / Benjamin J. Moran, Katherine M. Kelley, and James V. O'Connor -- Vascular trauma / Jason Pasley, Megan Brenner, and Raul Coimbra -- Appendicitis / Edward Lineen, Yee Wong, and Nicholas Namias -- Acute cholecystitis / Giana H. Davidson and Eileen M. Bulger -- Acute Diverticulitis / Maryanne L. Pickett, Joseph P. Minei, and Michael W. Cripps -- A modern approach to complicated pancreatitis / Chris Javadi, Monica Dua, and Brendan Visser -- Inflammatory/infectious bowel disease / Cigdem Benlice, Ipek Sapci, and Scott R. Steele -- Gastroduodenal ulcers requiring surgery / Robert D. Winfield and Marie L. Crandall -- Intestinal bowel obstruction / Bishwajit Bhattacharya and Adrian A. Maung -- Surgical management of

incarcerated hernias / Jessica Koller Gorham and William S. Richardson  
-- Mesenteric ischemia / James Becker, Todd W. Costantini, and Joseph  
M. Galante -- Esophageal emergencies : emergency management of  
paraesophageal hernias and esophageal perforations / Geoffrey P.  
Kohn.

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## Sommario/riassunto

"The combination of surgeon shortage and poor access to emergency surgical care led to establishment of the Acute Care Surgery paradigm and subspecialty in 2003. Concurrently, minimally invasive approaches revolutionized surgical practice in the 21st century. In the United States, acute care surgeons stand at the front line of patient care for emergency general surgery, trauma, and surgical critical care, and thus are positioned to positively impact healthcare delivery and costs. Surgical Decision Making in Acute Care Surgery by renowned surgeons Kimberly Davis and Raul Coimbra is the first text that comprehensively discusses when to use minimally invasive techniques and advanced technology versus traditional open procedures in acute traumatic and non-traumatic surgical emergencies. The text begins with three opening chapters covering the background of the Acute Care Surgery subspecialty, anatomic and physiological considerations, and the impact of acute surgical illness on pre- and postoperative critical care decisions. Subsequent chapters outline surgical approaches for commonly encountered acute conditions. Trauma chapters cover interventions for cervical, blunt and penetrating abdominal, and thoracic injuries. Emergency general surgery topics run the gamut from appendicitis to emergency management of paraesophageal hernias and esophageal perforations. An impressive group of senior surgeons and younger rising stars in American surgery share their expertise throughout the book"--

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