

1. Record Nr.	UNINA9910483756503321
Titolo	Infections in surgery : prevention and management // Massimo Sartelli [and three others] editors
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2021] Â©2021
ISBN	3-030-62116-2
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (X, 278 p. 36 illus., 30 illus. in color.)
Collana	Hot Topics in Acute Care Surgery and Trauma, , 2520-8284
Disciplina	617
Soggetti	Surgical wound infections - Prevention
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1 Impact of hospital-acquired infections in Surgery -- 2 The burden of surgical site infections. Pathophysiology and risk factors. Pre-operative measures to prevent surgical site infections -- 3 Antibiotic prophylaxis. When, how and how long -- 4 Intra-operative measures to prevent surgical site infections -- 5 How to manage the surgical wound -- 6 How to classify and treat surgical site infections -- 7 Guidelines for the prevention of surgical site infections. How to implement them -- 8 The infected mesh. How to treat it -- 9 How to prevent and treat hospital/ventilator-acquired pneumonia -- 10 How to prevent and treat hospital/ventilator-acquired pneumonia -- 11 How to prevent and treat catheter-associated urinary Tract Infections -- 12 How to prevent and treat Catheter-related bloodstream infections -- 13 Clostridium difficile infection in surgical patients -- 14 Source control in intra-abdominal infections -- 15 Ongoing (tertiary peritonitis) peritonitis -- 16 Damage Control Surgery in patients with acute peritonitis. When and how -- 17 The challenge of post-operative peritonitis by anastomotic leak -- 18 Antibiotics in intra-abdominal infections. When, how and which ones -- 19 Necrotizing soft tissue infections -- 20 Infections in elderly patients -- 21 How to use antibiotics in critically ill patients with sepsis and septic shock -- 22 Infections in trauma patients -- 23 The value of microbiological cultures. When to perform them and how to read them -- 24 Invasive candidiasis in surgical patients -- 25 The role of antimicrobial

stewardship programs to optimize antibiotics use in the surgical departments -- 26 The impact of antimicrobial resistance. How can healthcare workers can contribute in the context of “one health approach” .

Sommario/riassunto

Although most clinicians are aware of the problem of antimicrobial resistance, most also underestimate its significance in their own hospital. The incorrect and inappropriate use of antibiotics and other antimicrobials, as well as poor prevention and poor control of infections, are contributing to the development of such resistance. Appropriate use of antibiotics and compliance with infection prevention and control measures should be integral aspects of good clinical practice and standards of care. However, these activities are often inadequate among clinicians, and there is a considerable gap between the best evidence and actual clinical practice. In hospitals, cultural determinants influence clinical practice, and improving behaviour in terms of infection prevention and antibiotics-prescribing practice remains a challenge. Despite evidence supporting the effectiveness of best practices, many clinicians fail to implement them, and evidence-based processes and practices that are known to optimize both the prevention and the treatment of infections tend to be underused. Addressing precisely this problem, this volume offers an essential toolkit for all surgeons and intensivists interested in improving their clinical practices.
