

Neue Therapiestrategien gegen antibiotikaresistente Bakterienstämme

Die Behandlung komplexer Infektionen in der Intensivmedizin

Nouvelles stratégies dans la prise en charge:

Infections complexes en médecine intensive

Literatur / Référence

1. Vincent JL, Rello J, Marshall J, Silva E, Anzueto A, Martin CD, et al. International study of the prevalence and outcomes of infection in intensive care units. *JAMA*. 2009;302(21):2323-9.
2. Angus DC, van der Poll T. Severe sepsis and septic shock. *N Engl J Med*. 2013;369(9):840-51.
3. Que YA, Delodder F, Guessous I, Graf R, Bain M, Calandra T, et al. Pancreatic stone protein as an early biomarker predicting mortality in a prospective cohort of patients with sepsis requiring ICU management. *Crit Care*. 2012;16(4):R114.
4. Boucher HW, Talbot GH, Benjamin DK, Jr., Bradley J, Guidos RJ, Jones RN, et al. 10 x '20 Progress--development of new drugs active against gram-negative bacilli: an update from the Infectious Diseases Society of America. *Clin Infect Dis*. 2013;56(12):1685-94.
5. Spellberg B, Bartlett JG, Gilbert DN. The future of antibiotics and resistance. *N Engl J Med*. 2013;368(4):299-302.

6. Drusano GL, Lodise TP. Saving lives with optimal antimicrobial chemotherapy. *Clin Infect Dis.* 2013;56(2):245-7.
7. Roberts JA, Lipman J. Pharmacokinetic issues for antibiotics in the critically ill patient. *Crit Care Med.* 2009;37(3):840-51; quiz 59.
8. Chant C, Leung A, Friedrich JO. Optimal dosing of antibiotics in critically ill patients by using continuous/extended infusions: a systematic review and meta-analysis. *Crit Care.* 2013;17(6):R279.
9. Dulhunty JM, Roberts JA, Davis JS, Webb SA, Bellomo R, Gomersall C, et al. Continuous infusion of beta-lactam antibiotics in severe sepsis: a multicenter double-blind, randomized controlled trial. *Clin Infect Dis.* 2013;56(2):236-44.
10. Udy AA, Roberts JA, Boots RJ, Paterson DL, Lipman J. Augmented renal clearance: implications for antibacterial dosing in the critically ill. *Clin Pharmacokinet.* 2010;49(1):1-16.
11. Clavel M. Indications des aérosols d'antibiotiques chez les patients sous ventilation mécanique. *Réanimation.* 2014;23:271-7.
12. Lu Q, Yang J, Liu Z, Gutierrez C, Aymard G, Rouby JJ, et al. Nebulized ceftazidime and amikacin in ventilator-associated pneumonia caused by *Pseudomonas aeruginosa*. *Am J Respir Crit Care Med.* 2011;184(1):106-15.

13. Lu Q, Luo R, Bodin L, Yang J, Zahr N, Aubry A, et al. Efficacy of high-dose nebulized colistin in ventilator-associated pneumonia caused by multidrug-resistant *Pseudomonas aeruginosa* and *Acinetobacter baumannii*. *Anesthesiology*. 2012;117(6):1335-47.
14. Casadevall A, Dadachova E, Pirofski LA. Passive antibody therapy for infectious diseases. *Nat Rev Microbiol*. 2004;2(9):695-703.
15. Lu Q, Rouby JJ, Laterre PF, Eggimann P, Dugard A, Giamarellos-Bourboulis EJ, et al. Pharmacokinetics and safety of panobacumab: specific adjunctive immunotherapy in critical patients with nosocomial *Pseudomonas aeruginosa* O11 pneumonia. *J Antimicrob Chemother*. 2011;66(5):1110-6.
16. Que YA, Lazar H, Wolff M, Francois B, Laterre PF, Mercier E, et al. Assessment of panobacumab as adjunctive immunotherapy for the treatment of nosocomial *Pseudomonas aeruginosa* pneumonia. *Eur J Clin Microbiol Infect Dis*. 2014.
17. Dublanchet A, Fruciano E. A short history of phage therapy. *Medecine et maladies infectieuses*. 2008;38(8):415-20.
18. Mislin GL, Schalk IJ. Siderophore-dependent iron uptake systems as gates for antibiotic Trojan horse strategies against *Pseudomonas aeruginosa*. *Metalomics: integrated biometal science*. 2014;6(3):408-20.

19. Rouby JJ, Bouhemad B, Monsel A, Brisson H, Arbelot C, Lu Q, et al. Aerosolized antibiotics for ventilator-associated pneumonia: lessons from experimental studies. *Anesthesiology*. 2012;117(6):1364-80.
20. McKenzie C. Antibiotic dosing in critical illness. *J Antimicrob Chemother*. 2011;66 Suppl 2:ii25-31.
21. Schuetz P, Haubitz S, Albrich W, Müller B. Moins, c'est souvent mieux: une antibiothérapie sur mesure grâce au dosage de la procalcitonine. *Forum Med Suisse*. 2012;12(46):887-92.
22. Knoll BM, Mylonakis E. Antibacterial bioagents based on principles of bacteriophage biology: an overview. *Clin Infect Dis*. 2014;58(4):528-34.