

Stellingen behorende bij het proefschrift

Prevention of healthcare associated *Staphylococcus aureus* infections

1. Healthcare associated *Staphylococcus aureus* infections in nasal carriers can be reduced with almost 60% by rapid screening and decolonization on admission. (*This thesis*)
2. Rapid detection and decolonization of *S. aureus* carriers reduces one-year mortality in surgical patients who undergo clean operations; the screen-and-treat strategy should therefore primarily focus on this patient group. (*This thesis*)
3. Mupirocin as perioperative prophylaxis should exclusively be used by *S. aureus* carriers, at risk for developing healthcare associated *S. aureus* infections. (*This thesis*)
4. Although the majority of infections in carriers are endogenous infections, the majority of *S. aureus* infections in the total hospital population are of exogenous origin. Targeted measures for *S. aureus* carriers should therefore be accompanied by measures for the hospital population in general, including non-carriers. (*This thesis*)
5. The prevalence of MRSA upon admission to hospital in The Netherlands remains among the lowest in the world, indicating that the Search-and-Destroy policy is still successful and should be maintained. (*This thesis*)
6. The outcome in patients switched from inappropriate to appropriate therapy is better than for patients who remain on inappropriate therapy, but the benefit is not as great as for those who were started on appropriate therapy initially. (*Clin Microbiol Infect. 2008, Volume 14, Supplement 3, 15-21*)
7. The traditional main factors that affect antibiotic choice (drug activity, pharmacokinetics, adverse-effect profile) should be augmented by consideration of the potential for ecological damage. (*IJAA, Volume 34, Supplement 3, S6–S10*)
8. No randomized controlled trials have evaluated the effectiveness of parachutes in preventing major trauma related to gravitational challenge. For some research questions, observational data are sufficient. (*BMJ 2003, Volume 327, 1459-61*)
9. It is not the strongest of species that survives, nor the most intelligent, but the one most responsive to change. (*Charles Darwin*)
10. Als je kraamverzorgster je adviseert om met het raam dicht te slapen om mastitis te voorkomen, moet je hopen dat ze wel goed is in het smeren van beschuitjes.
11. Life is what happens to you while you're busy making other plans. (*John Lennon*)