

Stellingen

Behorend bij het proefschrift

Molecular Epidemiology of *Staphylococcus aureus* Nasal Carriage and Wound Colonization in a Burn Centre

Moleculaire epidemiologie van *Staphylococcus aureus*
neusdragerschap en wondkolonisatie op een Brandwondencentrum

Anna Maria Dominica Kooistra-Smid
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1. Treatment with nasal mupirocin of patients with burns at admission results in a decrease of the risk on *S. aureus* burn wound colonization. *This thesis*.
2. In patients on admission, *S. aureus* carriage is a predictor of subsequent *S. aureus* burn wound colonization during hospital stay. *This thesis*.
3. Health care workers can serve not only as a vector but also as an important reservoir in the dynamics of *S. aureus* transmissions. *This thesis*.
4. A burn centre could represent a special ecological setting for *S. aureus* in which some clones may flourish over others and become enriched. *This thesis*.
5. A single course of nasal mupirocin in health care workers can cause a temporary significant shift in sources and genotypes of *S. aureus* colonizing the patients' burn wounds. *This thesis*.
6. Identification of emerging MDR Gram-negative bacteria and recognition of resistance plasmid transfer during SDD treatment are crucial for optimal application of this regimen in ICUs. *J Antimicrob Chemother. 2006;58(4):853-6.*
7. Polyomaviruses simian virus 40 and BK virus can be present in tonsils from immunocompetent children. *J Clin Virol. 2008;43(1):66-72.*
8. Intradermal influenza vaccination using a microinjection system provides increased protection against influenza infection and its associated complications in elderly adults. *J Infect Dis. 2008;198(5):650-8.*
9. A microarray based on the 16S rRNA marker gene is a potentially powerful identification tool for routine clinical laboratory diagnostics. *BMC Microbiol. 2007; 7: 78.*
10. The use of paracetamol in childhood, can increase the risk of developing asthma and related allergic disorders. *Lancet. 2008. 372(9643):1039-48.*
11. Een wijde blik verruimt het denken. Loeje