

Stellingen behorende bij het proefschrift:

Childhood Pneumonia
Clinical decision support in the emergency department

1. Overprescription of antibiotics in children is widely present in European emergency departments, with no exception for Dutch hospitals. (*this thesis*)
2. The Feverkidstool safely reduces antibiotic prescription for pneumonia in young children with a low-risk profile. (*this thesis*)
3. In addition to their clinical effectiveness, decision support tools should be judged for their acceptability and impact on costs. (*this thesis*)
4. Chest x-rays increase the prescription of antibiotics and should therefore not routinely be performed in children with uncomplicated respiratory infections in the emergency department. (*this thesis*)
5. If parental concern is not taken seriously by clinicians, the threshold for parents to seek healthcare for future illness of their child increases. (*this thesis*)
6. Rather than to perform new randomized clinical trials, we should use observational data to optimize and evaluate the clinical effectiveness of a prediction-based decision rule. (*Sachs et al, Epidemiology 2020*)
7. Social distancing should not be overestimated in reducing the spread of respiratory infections. (*Kuitunen et al, The Pediatric Infectious Disease Journal 2020; Hogan et al, Lancet Global Health 2020*)
8. Routine-care data are widely present in low- and middle-income countries and their use should be a priority in informing global health policy. (*Wagenaar et al, Health policy and Planning 2016*)
9. Learning to optimize the interaction between intuitive and analytical processes is the best way to prevent diagnostic errors. (*van den Brink et al, BMJ Open 2020*)
10. The use of electronic health record data to study antimicrobial use and resistance is extraordinarily complex because both treatment and outcome relationships are confounded by dynamic patient, pathogen, and pharmacokinetic–pharmacodynamic factors. (*Haeusler et al, Lancet Infectious Diseases 2020*)
11. “You come of the Lord Adam and the Lady Eve,” said Aslan. “And that is both honour enough to erect the head of the poorest beggar, and shame enough to bow the shoulders of the greatest emperor on earth. Be content.” (*C.S. Lewis, Prince Caspian*)

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