Stellingen

Integrating Clinical Decision Making and Patient Care at the Paediatric Emergency Department focusing on children with serious infections

1. Individual clinical signs and symptoms or their combinations cannot exclude serious infections in febrile children in a first consultation (this thesis)

2. Young febrile children need laboratory markers in their diagnostic workup due to the absence of specific clinical signs and symptoms in this age category (this thesis)

3. Implementation of a clinical decision rule for the identification of serious bacterial infections results in a more standardised diagnostic approach towards the febrile child, but does not improve the assessment of correct diagnoses (this thesis)

4. In febrile children clinicians intuitively apply higher risk thresholds for management as serious bacterial infections compared with predicted thresholds according to the Feverkidstool (this thesis)

5. Emergency care revisits cannot accurately be predicted to identify children in need for follow-up but the time frame can be better defined by the presenting problem (this thesis)

6. Diagnostic modelling for our most feared infectious diagnoses sepsis and meningitis is unreliable and potentially misleading due to their low incidences (Craig et al. BMJ 2010;340:c1594)

7. One should better validate, compare and tailor promising existing prediction models rather than continuously developing new ones (Damen et al. BMJ 2016;353: i2416)

8. Reduced working hours are positively correlated with marital and parental role quality and career satisfaction (Barnett et al. J. of women’s health 2005;14(2):146-53)

9. Positive research results are almost three times as likely to be published as negative results, leading to a distortion of the effectiveness of interventions (D.A. Korevaar & L. Hooft, Ned Tijdschr Geneeskd, 2014;158:A7400)

10. Physical inactivity is at least as lethal as smoking and obesity (I.M. Lee et al. Lancet 2012;380(9838):219-29)

11. Everybody is a genius. But if you judge a fish by its ability to climb a tree, it will live its whole life believing that it is stupid (Albert Einstein)