

Stellingen behorende bij het proefschrift:

Paediatric Emergency Triage

Improving the initial assessment of children in the emergency department using electronic health record data

1. The extensive use of triage systems in clinical practice contrasts sharply with the limited amount of research on their validity and safety. *(this thesis)*
2. To compare triage systems' performance, measures of diagnostic accuracy and clinical usefulness are more important than traditionally used measures of association. *(this thesis)*
3. Six new discriminators based on vital signs improve the Manchester Triage System's performance and should therefore be implemented. *(this thesis)*
4. Routine blood pressure measurement to detect hypotension has limited value in children who visit the emergency department. *(this thesis)*
5. The newly developed ED-PEWS is useful in distinguishing children with high and low urgency. *(this thesis)*
6. Mathematical techniques and the associated use of computers are intended to be an aid to the physician. This in no way implies that a computer can take over the physician's duties. *(Ledley R.S. and Lusted L.B. Science 1959;130:9-21)*
7. Necessary conditions for the development of skilled intuitions include an environment of high validity and adequate opportunities for learning the environment: prolonged practice and feedback that is both rapid and unequivocal. *(Kahneman D. and Klein G. Am Psychol. 2009 Sep;64(6):515-26)*
8. The combination of biomarker point of care tests with e-algorithms in lower middle income countries is a promising strategy to target antibiotic prescription in febrile children and prevent antimicrobial resistance *(Based on Escadafal et al. Diagnostics (Basel). 2017 Jul 21;7(3):44 and Keitel et al. PLoS Med. 2017 Oct; 14(10): e1002411)*
9. De sleutel voor een goede gezondheid ligt vaak niet in de spreekkamer maar in de politieke arena. *(Afscheidsrede Prof. J. Mackenbach; 23 oktober 2020)*
10. Health professionals need to expand the interpretation of *primum non nocere* (first do no harm) and beneficence and consider the vitality of the planet as a bedrock for human wellbeing. *(Wabnitz et al. Lancet. 2020 Nov 7;396(10261):1471-1473)*
11. Kinderen luisteren niet naar wat je zegt, maar kijken naar wat je doet.

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