Although PEWS are widely being used in hospitals in the Netherlands, there are no national guidelines on which parameters to measure, which cut-off points to use or appropriate actions following elevated PEWS. As a consequence, 45 systems are being used in 68 different hospitals, including 20 parameters of which not one is being used in all hospitals. This lack of standardization hampers implementation and validation of PEWS. Therefore, the aim of this project was to develop one PEWS system for all Dutch hospitals.

**Dutch PEWS**

**One national Paediatric Early Warning Score (PEWS) System for Dutch hospitals**

Development of a national PEWS system using consensus based methodology

- **Inventory of currently used PEWS parameters**
- **Delphi 1**
  - n=302
  - Doctors and nurses in pediatric care
- **Delphi 2**
  - n=217
  - Doctors and nurses in pediatric care
- **Consensus meeting**
  - 20 different hospitals

Five sessions with the interdisciplinary project group (n=12)
- Nivel, NVK, V&VN, K&Z and NVvH

- **Core set PEWS-parameters**
- **PEWS-score**
- **Risk assessment**
- **Action**

- **If ≥1 abnormal score then also:**
  - Respiratory effort
  - Respiratory rate
  - Oxygen therapy
  - Heart rate
  - Capillair refill time
  - Blood pressure

Scoring according to Parshuram

- **≥7**
  - High Risk

- **4-6**
  - Medium Risk

- **0-3**
  - Standard Risk

In the presence of one or more ‘Watcher signs’, Standard Risk is being upgraded to Medium Risk.


These and all other publications from Nivel you will find at www.nivel.nl/publicaties. The content may be used with acknowledgment of the source.

© 2019 Nivel, PO Box 1568 BN Utrecht, The Netherlands