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### **Pediatric early warning sign in emergency departement and ward, is needed or not?**

Hospital care is contributed as centre of therapy that able to identified early clinical deterioration to achieve optimal management. Children frequently have warning signs of clinical decline hours before their actual cardiopulmonay arrest. Based on this concept, many children's hospital developed Pediatric Early Warning Score (PEWS) to identify patient at risk of clinical decline. Initial PEWS was introduced by Monaghan in 2005 and known as Brighton PEWS, some instrument that simple and flexible. This instrument was composed by 3 major components include neurobehaviour, cardiovascular, and respiratory. Several hospitals use modified PEWS with escalation algorithm to aid in early recognition of clinical deterioration and timely transfer to the pediatric intensive care unit (PICU). Modified PEWS based on Hospital demand is necessary to reduce mortality and morbidity patient in ward. Meanwhile, the primciple of PEWS in Pediatric Assesment Triangle (PAT) is useful to identify patient at risk of clinical decline in Emergency Unit.

### **Biography**

Dyah Kanya Wati has completed her PhD at the age of 45 years from Indonesia University and postdoctoral studies from Indonesia University School of Medicine. She is the member organizing comitte of Pediatrics Society and also the chief of Pediatrics Emergency organization in Bali. She has published more than 25 papers in reputed journals and has been serving as an editorial board member of repute Journal. Award: *Young research award*: PIT IKA III IDAI, 2017, Best 10<sup>th</sup> writer, Sari Pediatric Award: KONICA 2008, Award in Asia Pacific Symposium on Critical Care and Emergency Medicine: APSCCEM 2015, 2017 and 2018.

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