

## **Performance of automated versus nurse-measured respiratory rate measurements in hospitalized malnourished children**

Dale N et al. Acta Paediatr. 2021. <https://doi.org/10.1111/apa.15781>

### Abstract

In resource limited settings accurate respiratory rate (RR) measurement directly informs medical decision-making for children with respiratory problems.<sup>1</sup> Counting RR remains a challenge: it may not be done <sup>2</sup> or gives rise to highly disparate values despite the use of RR counters.<sup>3</sup> Technological solutions may permit more children to have assessments and may alter clinical decisions. A hand-held pulse oximeter with integrated RR measurement (Rad-G, Masimo, Irvine California) in 97 children reported good agreement between measurements of the device and pediatricians.