Over 100 independent and objective studies have shown that Masimo SET® outperforms other pulse oximetry technologies.¹

> On a post-surgical unit it was found that:
  > - Rescue calls and ICU transfers were **reduced by 65% and 48%**, respectively, after the implementation of continuous surveillance monitoring with Masimo SET.²
  > - Over five years, clinicians achieved their goal of **zero preventable deaths** or brain damage due to opioids.³
  > - Over ten years, clinicians maintained a **50% reduction** in unplanned transfers and a **60% reduction** in rescue events, despite increases in patient acuity and occupancy.⁴

> In a PACU, Masimo SET® had a greater than **50% reduction** in false alarms compared to other pulse oximetry technology.⁵

> In a study of 122,738 infants, critical congenital heart disease (CCHD) screening sensitivity increased from **77% to 93%** with the combined use of Masimo SET® and clinical assessment.⁶

> In a study of 39,821 infants, CCHD screening sensitivity increased from **63%** with physical exam alone to **83%** with physical exam and Masimo SET® pulse oximetry.⁷

> In two NICU settings, Masimo SET®, coupled with changes in clinical practice, showed significantly **reduced rates of severe retinopathy of prematurity (ROP)** and decreased the need for laser treatment.⁸,⁹

> Researchers showed time to **reliable oxygen saturation readings during neonatal resuscitation** was approximately **50 seconds faster** using Masimo SET® than using other pulse oximetry technologies.¹⁰

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CCHD Screening

> When combined with clinical assessment, Masimo SET® improved critical congenital heart disease (CCHD) screening sensitivity to 93%


Retinopathy of Prematurity

> Masimo SET®, coupled with changes in clinical practice, led to a significant reduction in rates of severe retinopathy of prematurity (ROP)


Performance During Motion and Low Perfusion

> Masimo SET® had 3% missed true alarms and 5% false alarms versus 43% and 28%, respectively, using competitor technology


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