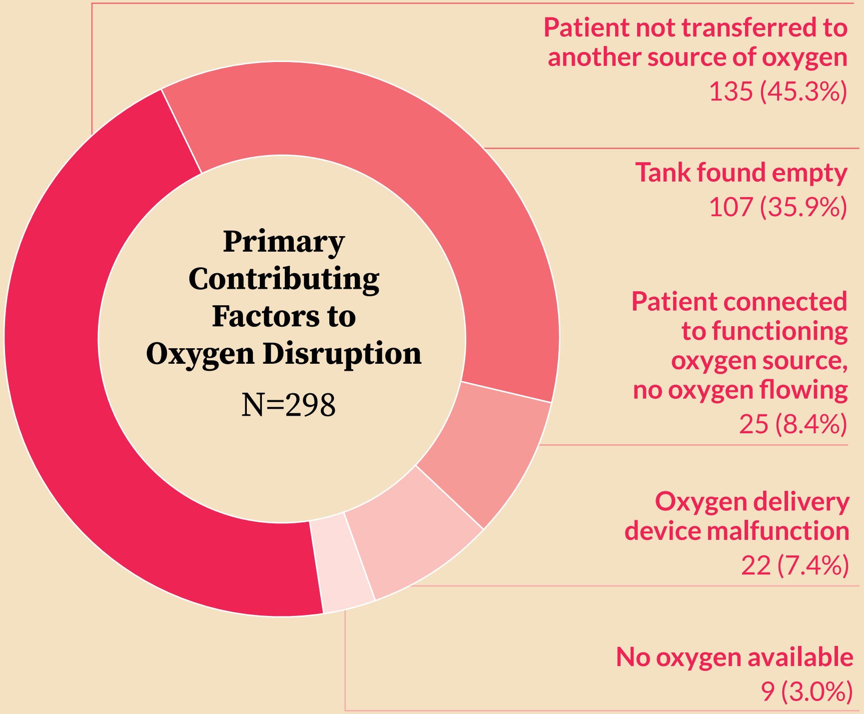
Unmasking the Contributing Factors to Oxygen Disruption Events in the Inpatient Environment and Emergency Department



Our study aims to understand the **contributing factors and context of oxygen disruption events** in the inpatient setting by qualitatively analyzing 298 patient safety event reports.

298 reports

36.6% of all oxygen disruption events occurred on the **unit where the patient was admitted**.

41.3% of reports involved a **handoff breakdown.**

The most frequent breakdowns occurred between a nurse and a patient transporter (n=47 of 123, 38.2%).

Combining person-based solutions, such as paper-based tools and checklists, with system-based solutions involving central monitoring and supervisory systems may help reduce the risk of oxygen disruption events.

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