Decision-to-Delivery Interval (DDI) Audit for Category 1 & 2 Emergency Caesarean Sections

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Background & Aims:

RCOG standards: Cat 1 ≤30 min; Cat 2 ≤75 min.
Assess compliance and identify delays.

Method:

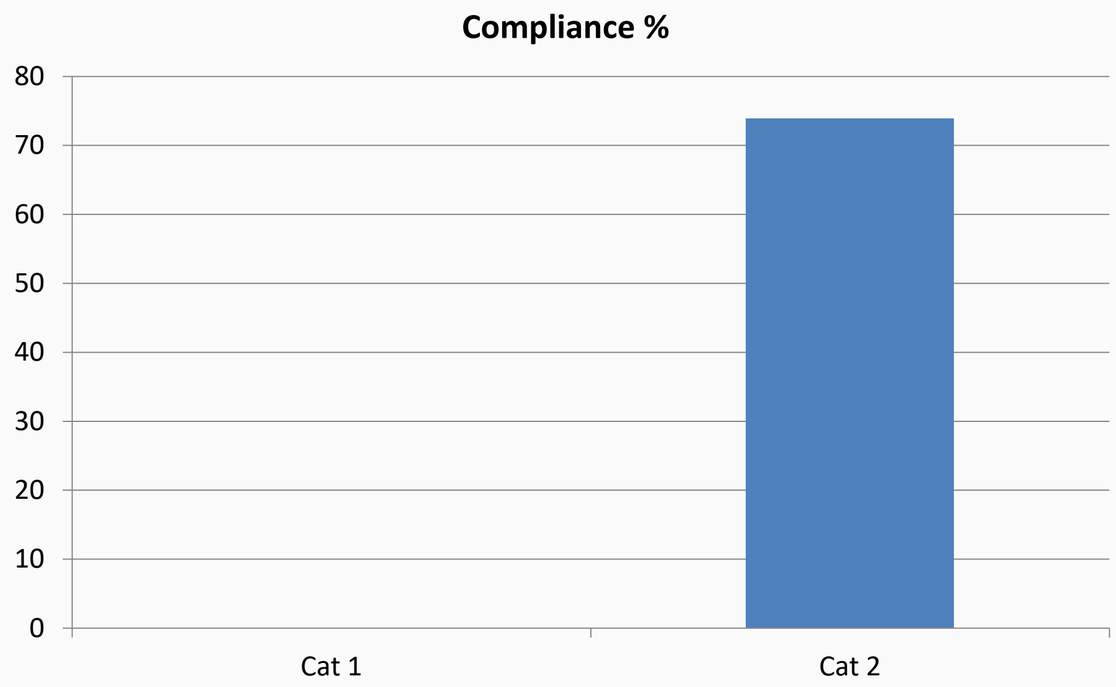
Retrospective audit of 30 emergency CS cases.
7 Category 1, 23 Category 2.

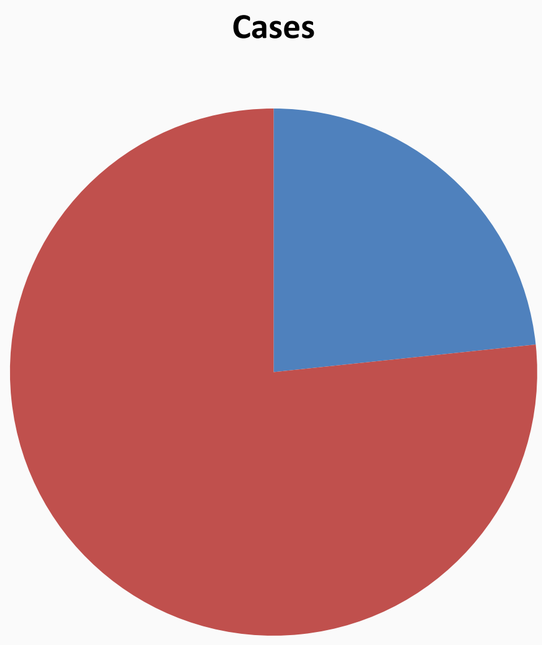
30
Total Cases

7
Cat 1

23
Cat 2

73.9%
Cat 2 Compliance





Key Findings

0% compliance for Category 1. 73.9% compliance for Category 2. Significant delays in urgent cases.

Fishbone Root Cause Analysis

People: staffing, communication
Process: escalation delays
Environment: theatre access
Policy: pathway variation
Equipment: availability

PDSA Cycle

Plan: crash CS pathway
Do: simulation training
Study: re-audit DDI
Act: refine processes

Recommendations

Dedicated emergency theatre
PROMPT MDT drills
Decision-to-incision tracking
Improve escalation pathways

RCOG Standards Comparison

Target compliance 100%.
Cat 1 standard ≤30 min.
Cat 2 standard ≤75 min.

References & Acknowledgements

RCOG Classification of Caesarean Section Urgency.
Clinical Audit Team.
MRHP Obstetrics, Anaesthesia and Theatre Staff.