



NHS
Barts Health
NHS Trust

INTRODUCTION

- At RLH we perform +/-1300 induction of labours (IOL) on our antenatal ward per annum
- 3 month audit in 2022 showed that 50% of patients were not induced on the planned date of admission.

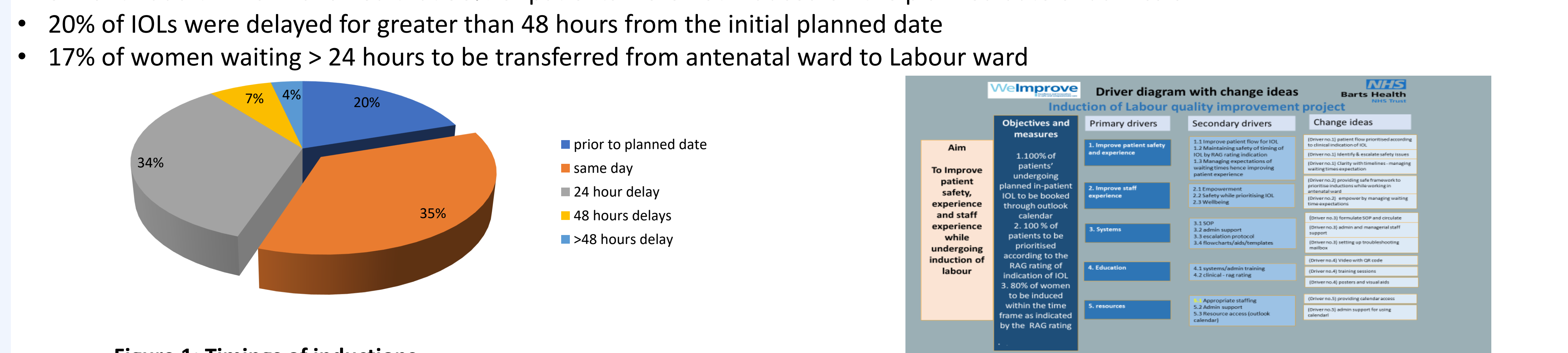


Figure 2: Drivers Diagram



- A Quality Improvement project was registered with WelImprove and a Driver's diagram created.

METHODS

- A Quality Improvement project was registered with WelImprove and a Driver's diagram created.
- An online calendar was developed on Microsoft Outlook to streamline the booking process of all IOLs
- Inductions were booked in accordance with priority with a RAG rating – distributing them evenly throughout the week.
- Patients classified as 'red' are to be prioritised and admitted to hospital within 24 hours of their booking date,
- 'amber' admitted within 24-48 hours
- 'green' can be delayed by 72 hours
- Posters and QR codes were printed and displayed and MDT teaching sessions (face to face and virtually) were held to train all health care professionals
- Audit carried out post-implementation

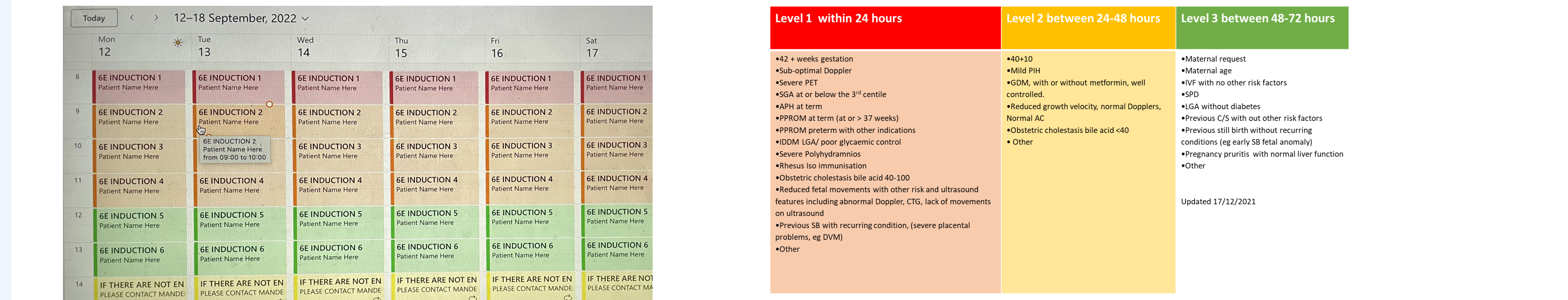


Figure 3: Induction of labour outlook calendar

RESULTS

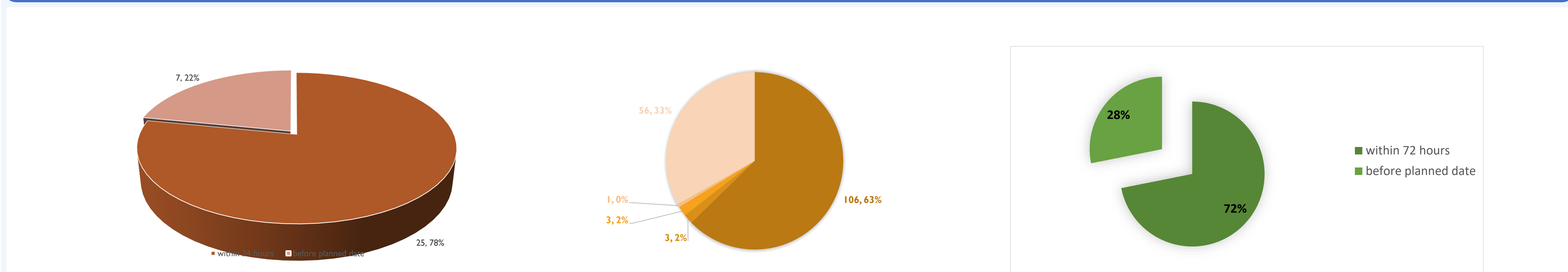


Figure 5: Timing of "Red" Inductions



The first chart is a bar chart showing the number of people in each age group. The y-axis represents the number of people, ranging from 0 to 7. The x-axis represents the age groups: 18-24, 25-34, 35-44, 45-54, 55-64, and 65+. The bars are orange. The values are: 18-24 (7), 25-34 (6), 35-44 (5), 45-54 (5), 55-64 (4), and 65+ (4).

The second chart is a bar chart showing the percentage of people in each age group. The y-axis represents the percentage, ranging from 0 to 50. The x-axis represents the age groups: 18-24, 25-34, 35-44, 45-54, 55-64, and 65+. The bars are orange. The values are: 18-24 (50%), 25-34 (31%), 35-44 (14%), 45-54 (14%), 55-64 (14%), and 65+ (14%).

The third chart is a bar chart showing the percentage of people in each age group. The y-axis represents the percentage, ranging from 0 to 50. The x-axis represents the age groups: 18-24, 25-34, 35-44, 45-54, 55-64, and 65+. The bars are green and red. The values are: 18-24 (14%), 25-34 (14%), 35-44 (14%), 45-54 (14%), 55-64 (14%), and 65+ (14%).

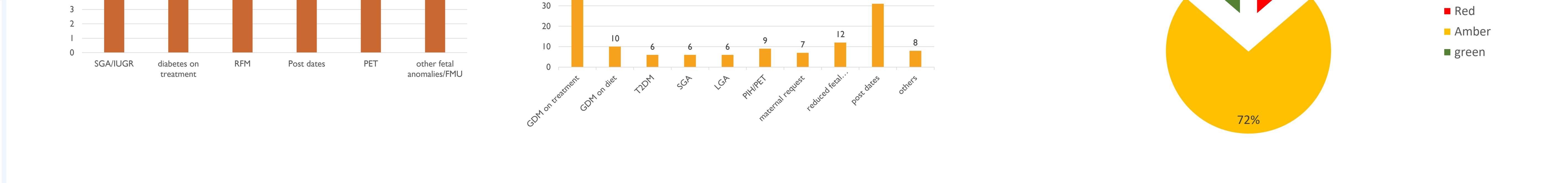
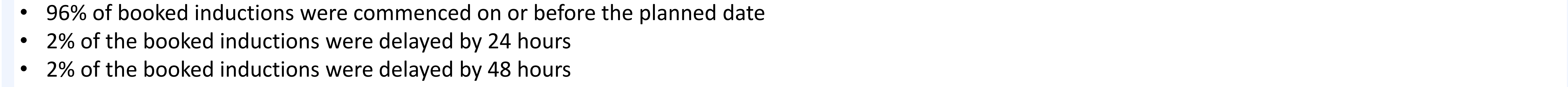


Figure 8: Indications of "Red" Inductions Figure 9: Indications of "Amber" Inductions Figure 10: Indications of induction of labour by RAG rating

- 100% of patients were booked through the outlook calendar
- 100% of patients booked were RAG rated



CONCLUSIONS

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- The quality improvement project helped us to streamline booking of induction of labour process.
- The online system improved patient flow.
- RAG rating of timing of inductions ensured patient safety while prioritisation.
- Staff and patient experience with Induction of labour booking process were improved.