



A patient survey of attitudes to routine first trimester pre-eclampsia screening

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OBJECTIVES

- First trimester screening for pre-eclampsia (PE) using uterine artery pulsatility index (Ut-PI), mean arterial pressure (MAP), placental growth factor (PLGF) and maternal characteristics is more accurate than maternal characteristics alone.¹
- The UK National Screening Committee has advised that more research is required to assess its acceptability to patients.²
- Routine first trimester screening for PE has been implemented at our unit since January 2022.
- As part of this process, we surveyed patients to assess acceptability in our population.

RESULTS

162

patients completed the survey — just under 10% of all patients screened over the same period

99.4%

were happy to attend an enhanced programme of antenatal care (160/161)

CONCLUSIONS

Our data suggests that women are supportive of the introduction of pre-eclampsia screening and are likely to achieve good compliance rates with aspirin.

METHODS

Study Period: December 2024 – May 2025

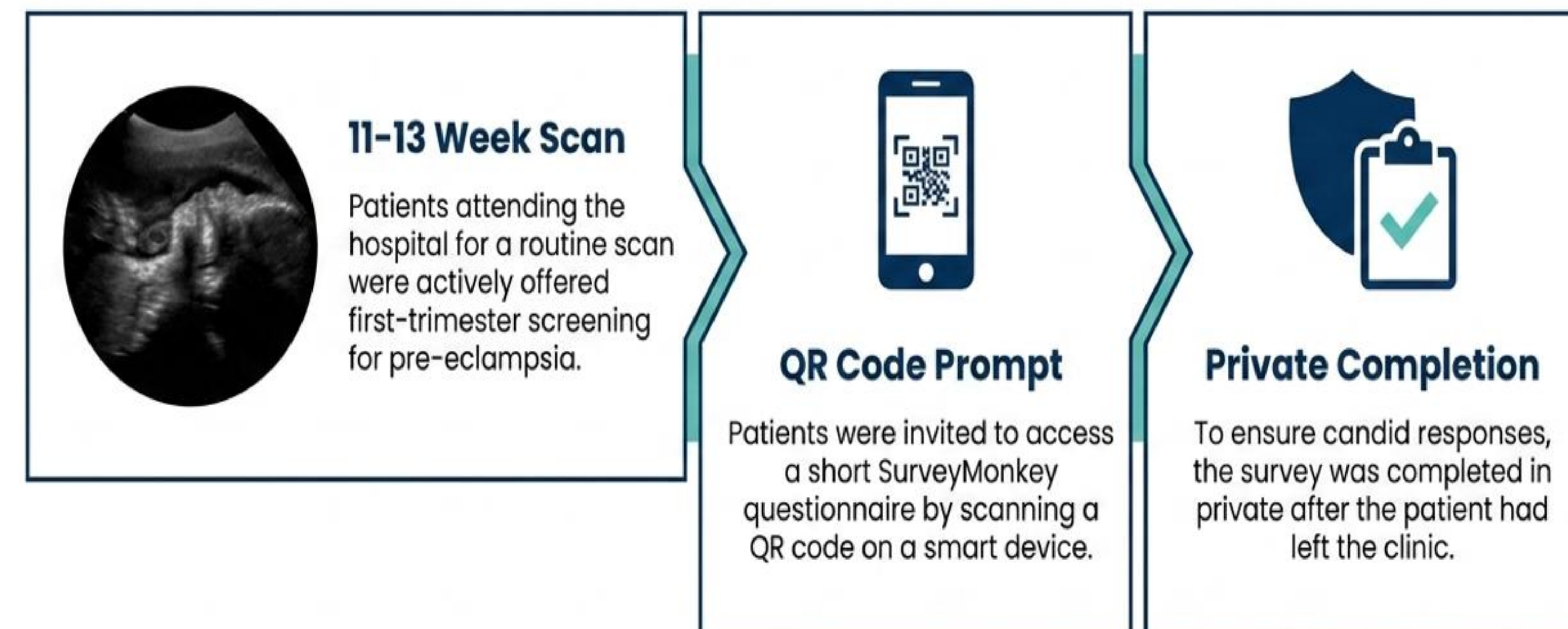
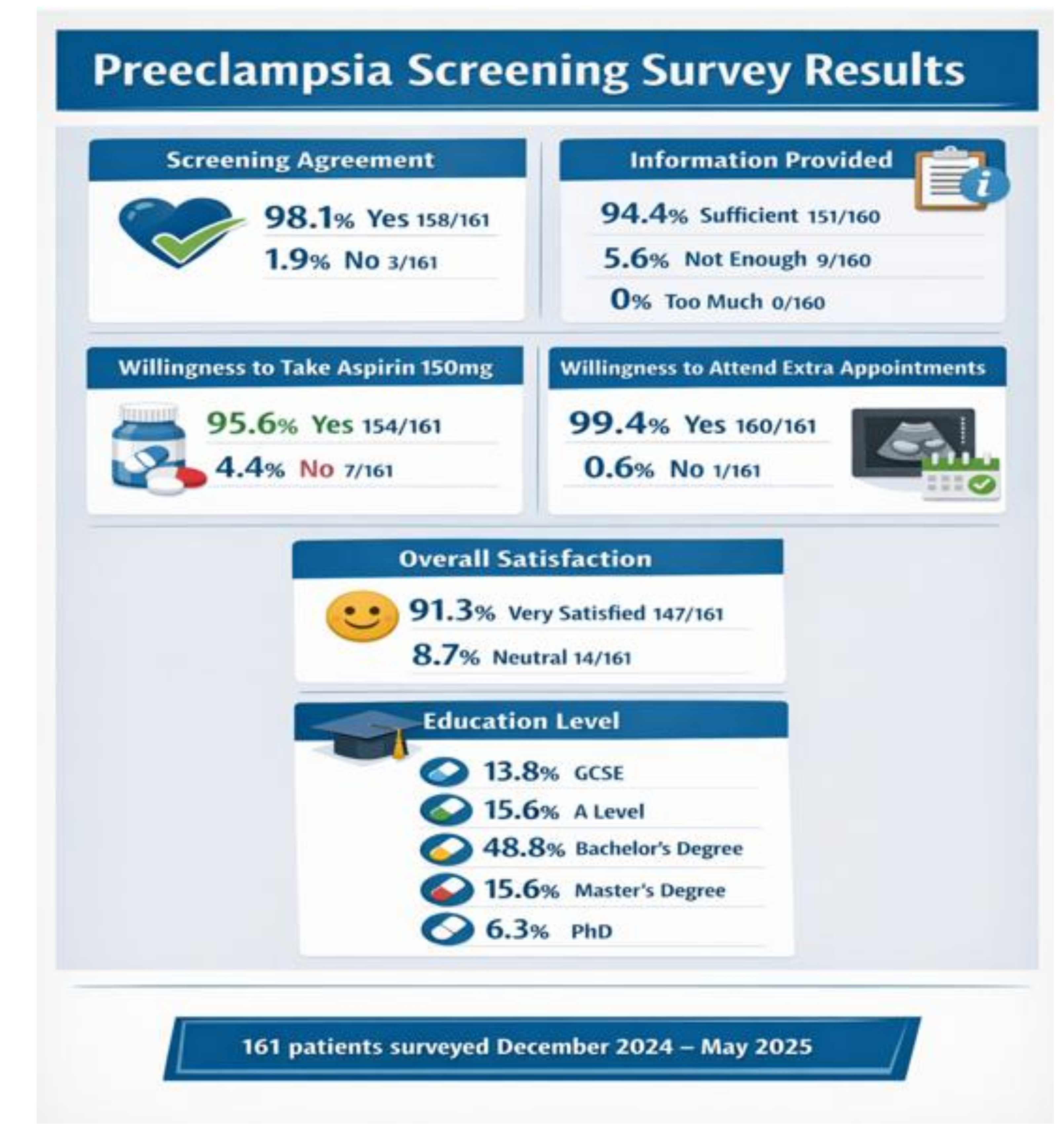


FIGURE 1



REFERENCES

1. Tan MY, Koutoulas L, Wright D, Nicolaides KH, Poon LCY. Protocol for the prospective validation study "Screening Programme for Pre-eclampsia" (SPREE). Ultrasound Obstet Gynecol 2017;50:175.
 2. UK National Screening Committee. Pre-eclampsia screening recommendation, 2023.
- Disclosures: none declared.