

Using dynamic QR codes to provide patient information leaflets. A regional QI project with three PDSA cycles.

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Problem + Strategy

During the Covid pandemic information for pregnant patients was updated regularly and printed leaflets were often out of date.

Dynamic QR codes were introduced to antenatal clinics across Northern Ireland. Dynamic codes allow for the destination of a code to be changed without changing the printed code. This allows patients to scan the codes on their phones, providing up to date patient information on their device.

Measurement

- 1) The exact number of codes scanned was recorded digitally.
- 2) A regional staff and patient survey was undertaken.

Methodology

Intervention 1

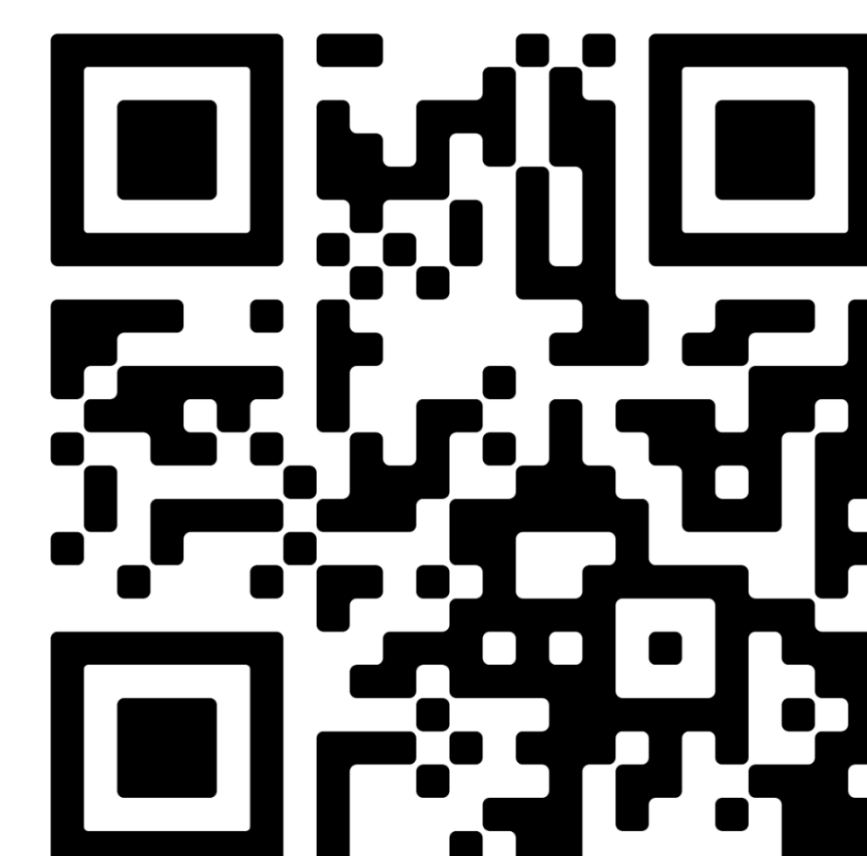
Printed laminated codes were introduced to antenatal clinics to provide PIL's via QR codes.

Intervention 2

Targeted education sessions were held to address issues raised in staff feedback.

Intervention 3

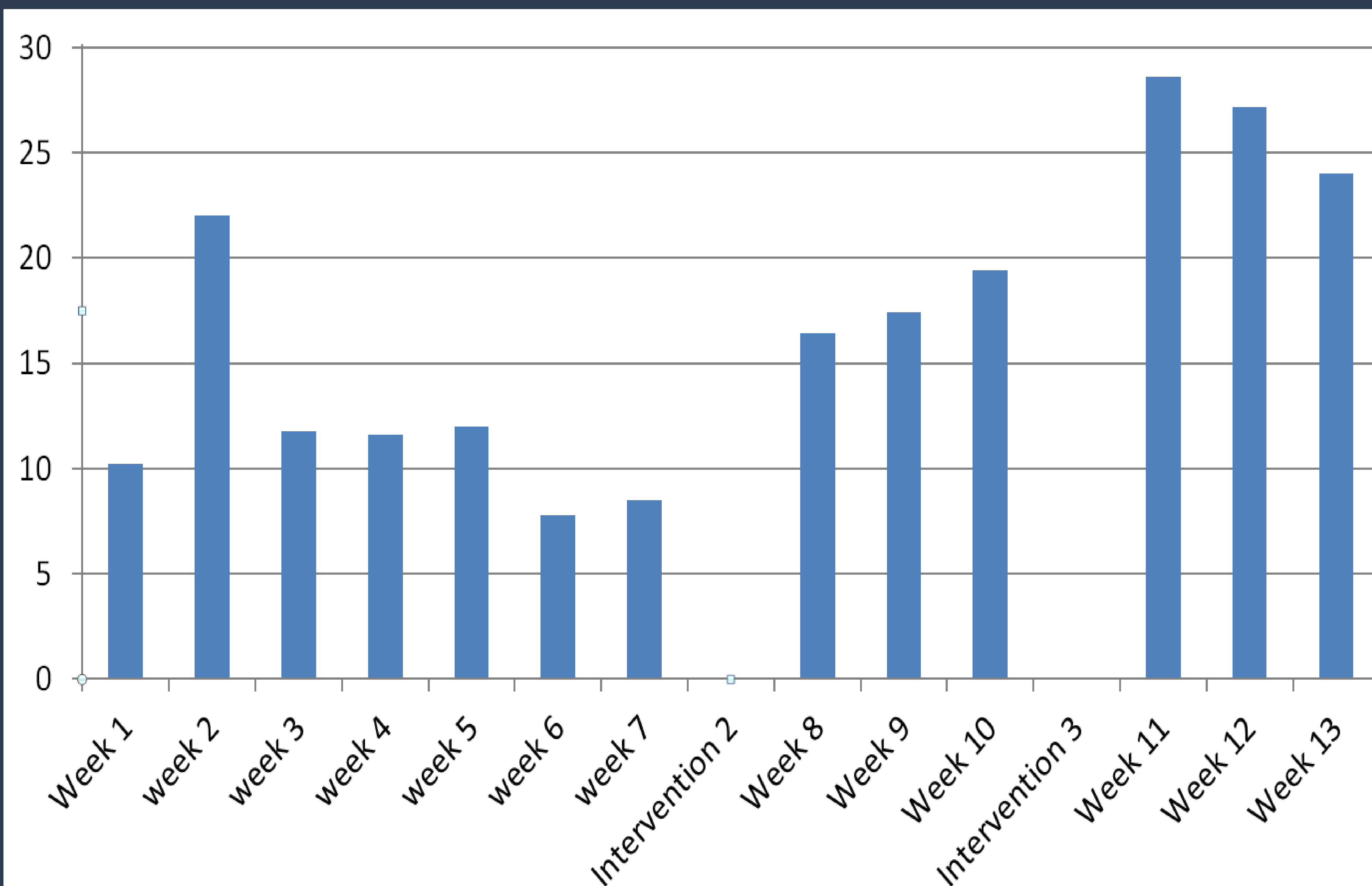
In some trusts printed sheets were included in the patients notes to provide improved access to patients and staff, also providing a record that codes were provided. Scan code below



Results

Both staff (82%) and patients (81%) were keen to provide and receive information leaflets via QR codes.

The graph below shows the average number of code scans per day over 13 weeks. This shows increased QR code usage following each intervention.



Conclusion

This 3 cycle QI project was devised due to the challenges created by the Covid pandemic. QR code use has increased with each intervention saving resources and providing patients with up to date information.

We plan to expand this to other areas in obstetrics & gynecology.