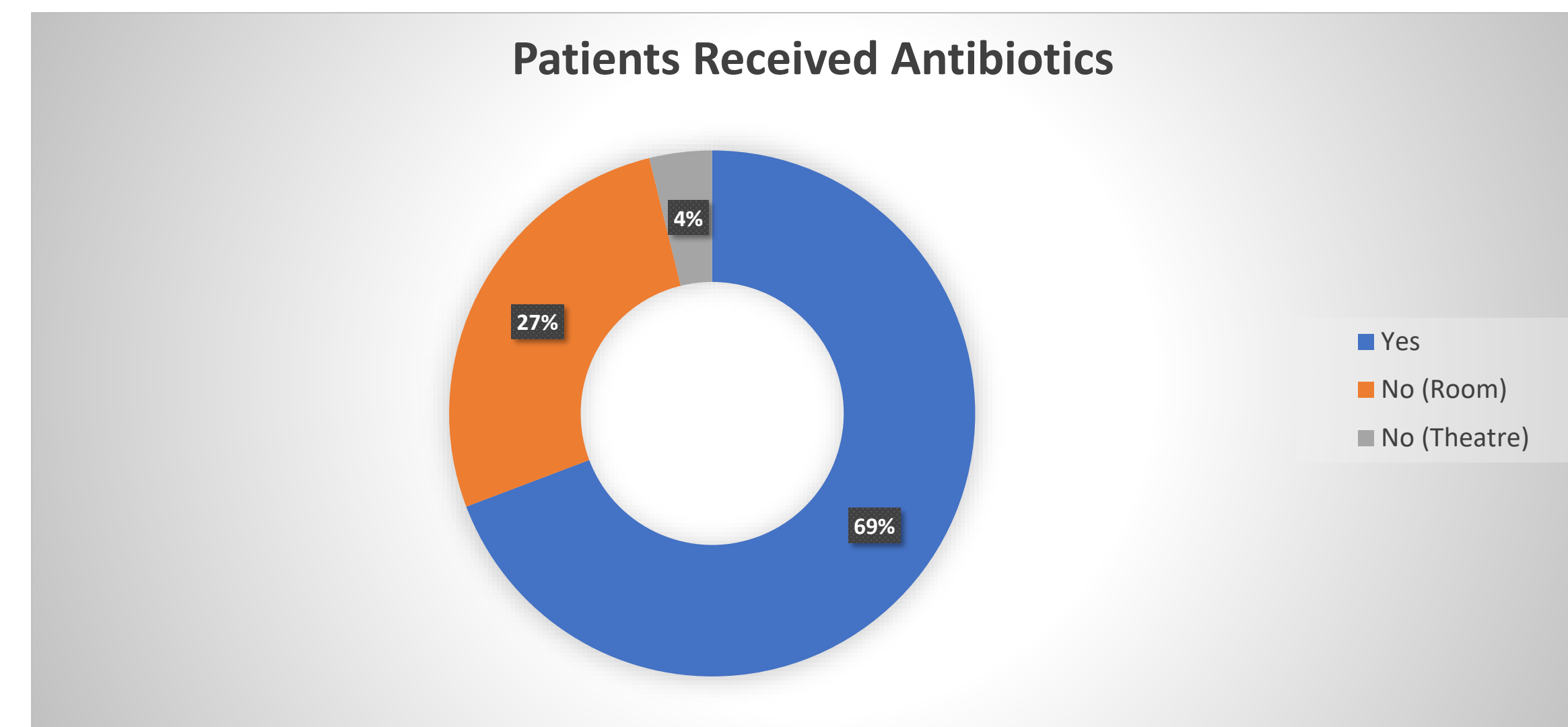


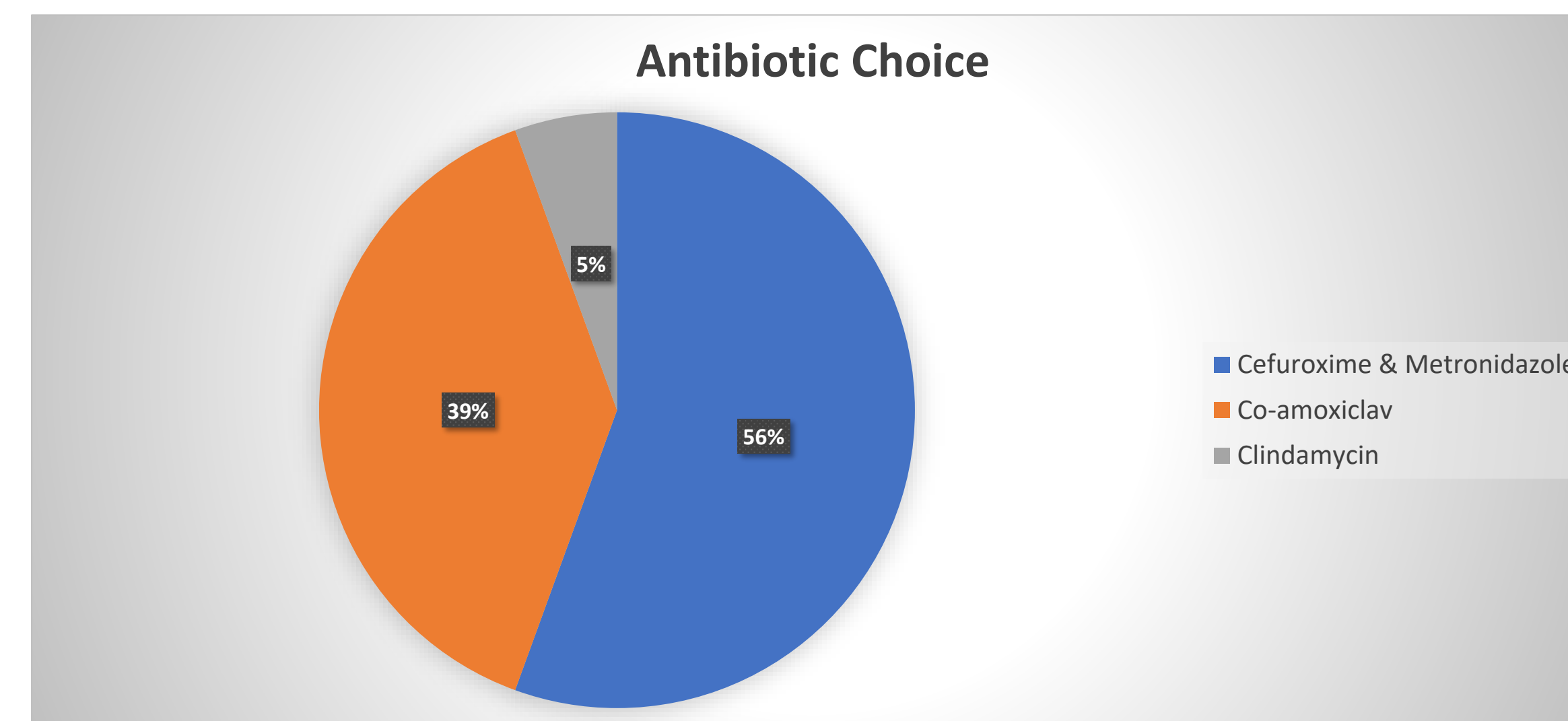
Improving Prophylactic Antibiotic Compliance After Assisted Vaginal Birth

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Audit



The audit showed there was room for improvement in prescribing antibiotic prophylaxis to patients having assisted vaginal birth, especially in room births (91% in theatre births and 53% in room births)



Action Plan

Our aim was to improve compliance by at least 20%

 Bwrdd Iechyd Prifysgol
Betsi Cadwaladr
University Health Board

Instrumental Delivery Checklist

SIGN IN

Team member introduction by name and role? ☐

Confirm allergies, procedure and consent? ☐

Labour Ward coordinator aware? ☐

Anaesthetist aware (and present on labour ward if possible)? ☐

Onsite senior obstetrician aware? ☐

Neonatal team aware? ☐

Critical or unusual steps discussed with team? ☐

Analgesia checked and sufficient? ☐

Planned uterotonics for third stage? ☐

Prophylactic Tranexamic acid? Yes ☐ No ☐

OBS CYMRU stage 0 reviewed? ☐

Is the room the most appropriate place for delivery? Yes ☐ No ☐

TIME OUT

Confirm everyone is ready (including the patient)

SIGN OUT

OBS CYMRU completed? ☐

Cord gases taken? Yes ☐ No ☐

Antibiotics prescribed? Yes ☐ Already on broad spectrum antibiotics ☐

VTE prophylaxis form reviewed and prescribed? Yes ☐ Not required ☐

Vaginal pack in Situ? Yes ☐ No ☐

Green band placed? Yes ☐ No ☐

Instruments, swabs, and sharps count correct? Yes ☐ No ☐

Patient and birth partner debriefed? Staff debrief needed? Yes ☐ No ☐

Any Key concerns for Recovery? (observations, postnatal destination, TWOC, bloods etc.)

Affix patient ID label

Form completed by

Name:

Signature:

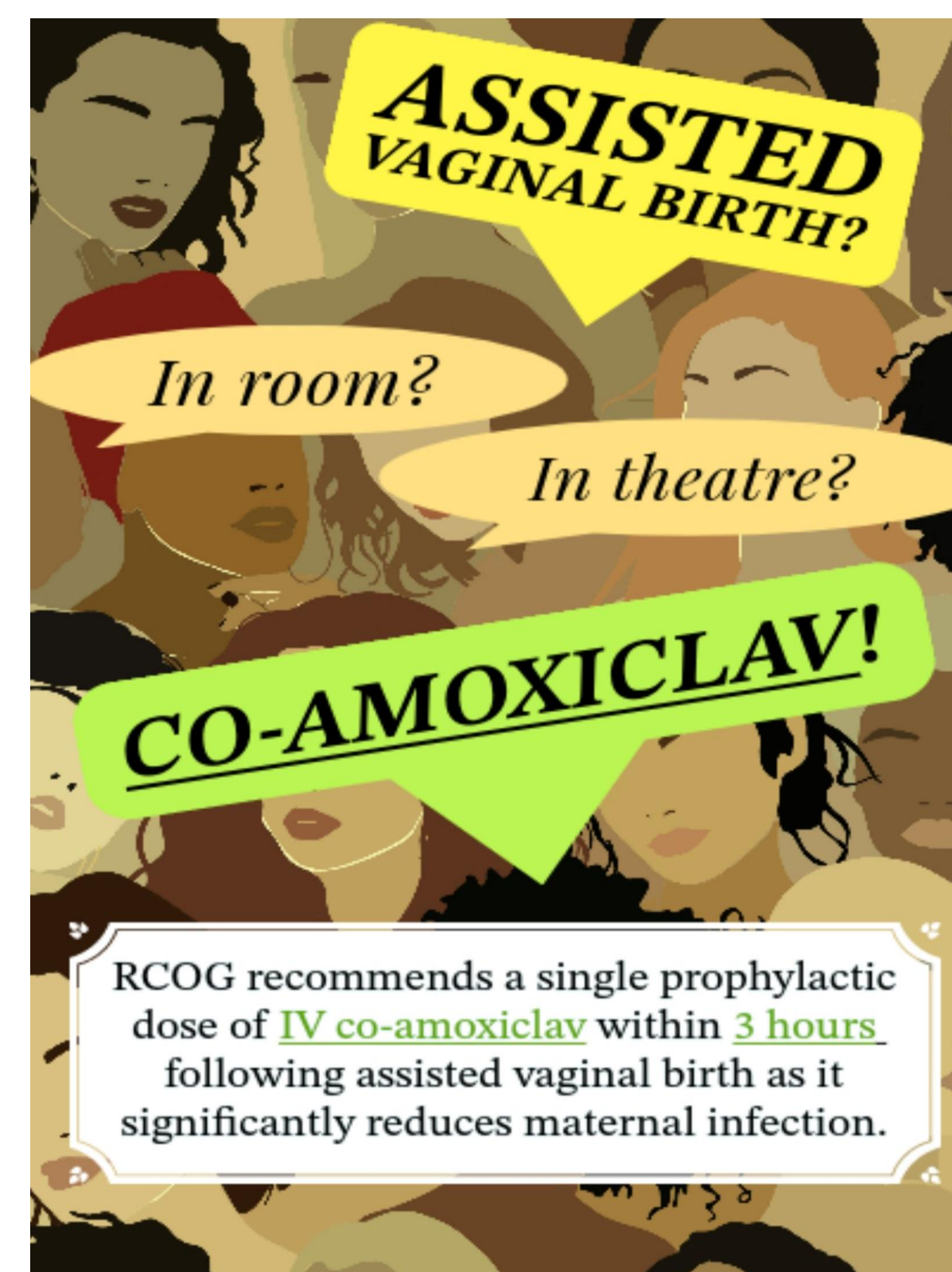
GMC/NMC No:

Date:

Countersigned

PRINT Name:

- Creating a new modified WHO checklist for in-room AVB (addressed several key areas from risk meetings including antibiotics)

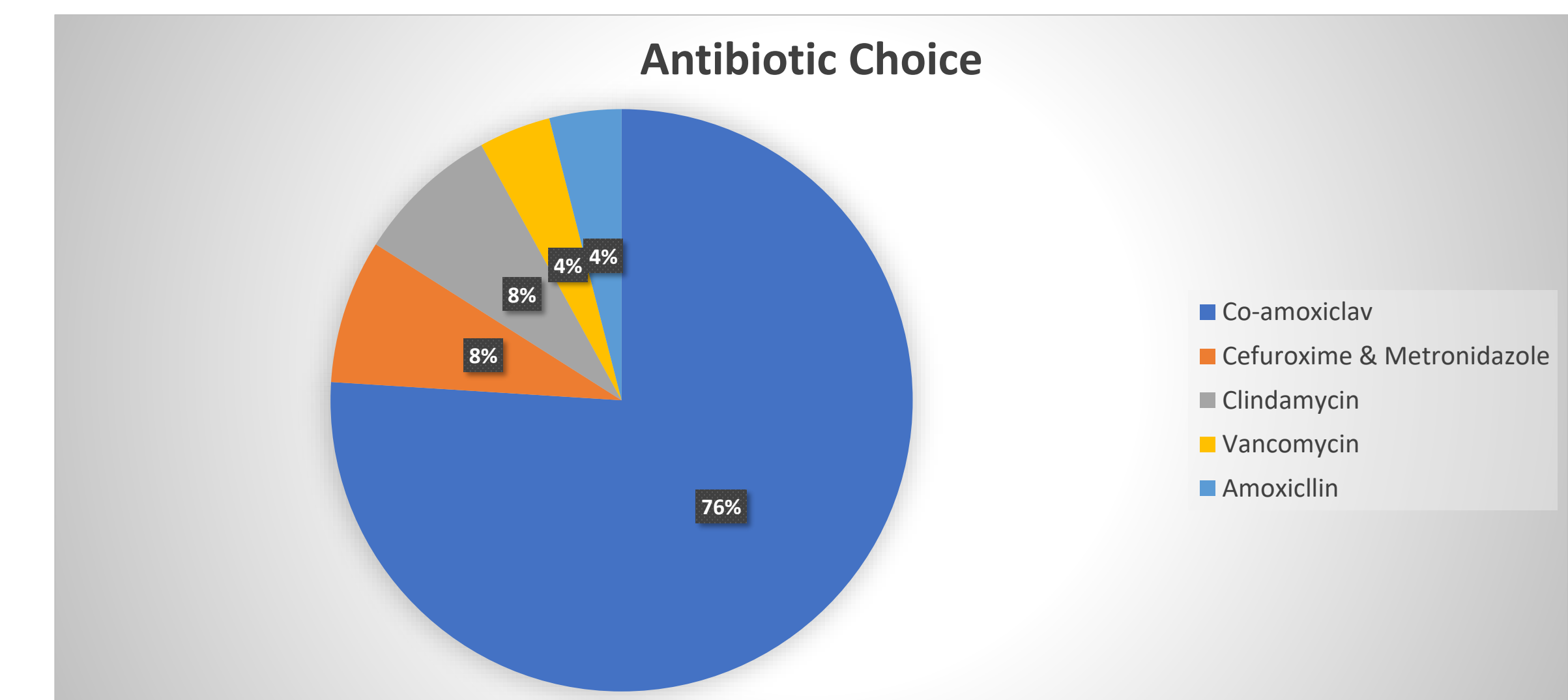


- Putting posters up on labour ward and on the AVB trolley to minimise the risk of missing the antibiotics.

- Modifying the AVB proforma to include antibiotics prescription

- Circulating information regarding RCOG guidance and the ongoing project

Reaudit



- The reaudit showed improvement in adherence to the guidance on antibiotic prophylaxis with AVB (100% in theatre births and 86% in room births).

- The AVB checklist was approved locally and will be added to the trust guidelines.

- There was also improvement in adherence to using co-amoxiclav, increasing from 41% to 86% for people without penicillin allergy.

	Audit	Reaudit
Theatre	91%	100%
Room	53%	86%

Conclusion

- This project improved the local compliance to the RCOG guidance on prophylactic antibiotics with AVB.

- Further monitoring and audits are planned to maintain this improvement.