



Rapid Cycle Analysis Preferred Antibiotics Audit Tool

	Antibiotic name	Condition	Age	Dose	Duration	Preferred	Justified	Correct	Comment
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									

Now ask yourself –

- What were your results?
- Is there room for improvement?
- How will I know a change is an improvement?
- What changes could I test?

****Repeat the audit after your change to check for improvement.**



Instructions for use:

1. Take 10 consultations where you prescribe antibiotics. During consultation record columns 1-5 without consulting any resource i.e. what you usually use in this clinical situation
2. Set aside sometime and sit down and open up listed resources and the fill rest of columns
3. Score yourself as % preferred antibiotics used
% overall correct i.e. you can justify using “red “antibiotic and why
4. Document what you learned e.g. must use 7 day course for UTI pregnancy, my first line for condition x was incorrect
5. Set a target /goal /QI improvement e.g. Seem to use lot of macrolides and not justified can I reduce this

Or

Seem to have lot registered as penicillin allergic –having read penicillin allergy tips must explore notes and hx with patients to make sure they are truly penicillin allergic .Then you could start another sheet for this .i.e. take next 10 patients documented as penicillin allergic and try to see what % it is likely to be true penicillin allergy BUT remember to document your findings and up load them as part of you CPD audit requirements.

Or

Realise my UTI prescribing is incorrect on number of occasions wrong dose wrong duration for that patient too long ,not first line drug so each time I’m going to open up the guidelines and check and start new sheet just for UTI then score yourself after 10 UTI consultations . Document your improvement.

Audit cycle: suggest you do minimum of 4 cycles to demonstrate improvements in antibiotic prescribing, e.g. indication, dose, duration, higher % Green. Antibiotics and can be used as part of your audit for medical council. You could do it in your daytime work or Out of hours session. Have a practice meeting and share learnings with your colleagues