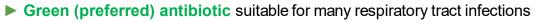
# C Good Practice Points for Antibiotics (Adults)

Key Learnings from the National Antimicrobial Point Prevalence Survey 2020/21

## Doxycycline

(Scan here to view Red/Green antibiotics)



- Take with a glass of water and sit upright for 30 minutes
- If gastritis is an issue, give with food or milk
- Risk of photosensitivity. Advise use of sunscreen/sunblock
- Separate administration of doxycycline from antacids, iron/calcium/magnesium/zinc-containing products (e.g. Calcichew<sup>®</sup>, Galfer<sup>®</sup>) by at least 3 hours or treatment failure may occur
- ▶ DO NOT OPEN CAPSULES. For swallowing difficulties, doxycycline dispersible tablets are available (unlicensed) and may be approved for reimbursement under the hardship scheme.

#### Nitrofurantoin

- Green (preferred) antibiotic suitable for many lower urinary tract infections
- Check preparation:
  - 100 mg every **12 hours** use Macro**BID**<sup>®</sup> (prolonged release) capsules
  - 50 100 mg every 6 hours use MacroDANTIN<sup>®</sup> (normal release) capsules

OR

- Not recommended for complicated upper UTIs
- Caution in renal impairment. Contraindicated if eGFR < 30 mL/min/1.73  $m^2$
- UTI prophylaxis Can take with food to prevent nausea

#### Co-amoxiclav

- 'Red' (Reserved) antibiotic: is there a first line Green antibiotic alternative? e.g.
  - RTI: amoxicillin or doxycycline
- UTI: nitrofurantoin or cefalexin
- See <u>www.antibioticprescribing.ie</u> for the recommended options for specific infections
- Avoid in penicillin allergy
- If liquid preparation required, remember:

	Liquid co-amoxiclav product	625 mg (500/125mg) dose
	Augmentin <sup>®</sup> <b>Paediatric</b> Oral Suspension (125 mg/31.25 mg per 5 mL)	20 mL
	☑ Co-amoxiclav <b>paediatric</b> (125 mg/31.25 mg per 5 mL)	
	Augmentin <sup>®</sup> <b>Duo</b> Oral Suspension (400 mg/57 mg per 5 mL)	Not recommended, as unable to measure

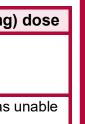
### Clarithromycin

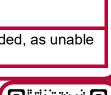
- 'Red' (Reserved) antibiotic: is there a first line Green antibiotic alternative? e.g.
  - RTI: amoxicillin or doxycycline
- Several significant <u>drug interactions</u> (statins/ warfarin/ other anticoagulants/ antidepressants/ antipsychotics and other QT prolongers and many more)
- Avoid in patients with history of QT prolongation or arrhythmia













MacroBID

Max recommended duration 6 months for

100